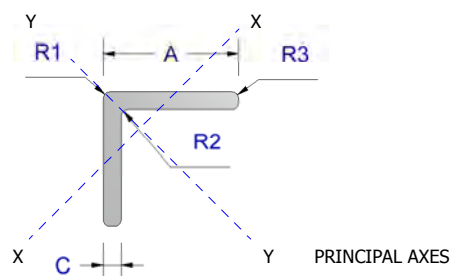




|                                  |            |
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| UNEQUAL ANGLE                    | SECTION 2  |
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| MACHINING FLAT BAR               | SECTION 11 |
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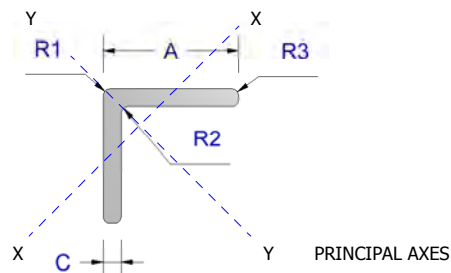
## EQUAL ANGLE



| Die No. | A                   | B    | C | D    | R1  | R2  | R3  | W     | P      | $I_x$     | $I_y$     |
|---------|---------------------|------|---|------|-----|-----|-----|-------|--------|-----------|-----------|
| UA2071  | NZ/AUS <sup>^</sup> | 10   |   | 1.6  |     |     |     | 0.079 | 39.36  | 110.48    | 415.2     |
| UA1090  | NZ                  | 12   |   | 1.6  |     |     |     | 0.097 | 47.36  | 195.17    | 748.31    |
| UA1097  | NZ/AUS              | 12   |   | 3    |     |     |     | 0.17  | 47.36  | 346.33    | 1176.97   |
| UA1091  | NZ                  | 15   |   | 1.6  |     |     |     | 0.122 | 59.36  | 391.23    | 1524.2    |
| UA1092  | NZ/AUS              | 20   |   | 1.6  |     |     |     | 0.166 | 79.36  | 955.37    | 3767.27   |
| UA1101  | NZ/AUS              | 20   |   | 3    |     |     |     | 0.299 | 79.36  | 1681.98   | 6360.05   |
| UA5505  | NZ                  | 22   |   | 1.6  |     |     |     | 0.183 | 87.36  | 1282.78   | 5071.63   |
| UA1094  | NZ/AUS              | 25   |   | 1.6  |     |     |     | 0.209 | 99.36  | 1902.91   | 7544.4    |
| UA1103  | NZ/AUS              | 25   |   | 3    |     |     |     | 0.38  | 99.36  | 3369.05   | 13009.46  |
| UA1113  | NZ                  | 25   |   | 4.5  |     |     |     | 0.553 | 99.36  | 4838.5    | 17814.52  |
| UA1121  | NZ                  | 25   |   | 6    |     |     |     | 0.713 | 99.36  | 6300.67   | 21673.08  |
| UA1096  | NZ                  | 30   |   | 1.6  |     |     |     | 0.252 | 119.36 | 3333.84   | 13255.61  |
| UA1105  | NZ                  | 30   |   | 3    |     |     |     | 0.461 | 119.36 | 5936.75   | 23181.94  |
| UA1612  | NZ                  | 30   |   | 4.5  |     |     |     | 0.674 | 119.36 | 8528.41   | 32234.79  |
| UA1532  | NZ                  | 30   |   | 6    |     |     |     | 0.875 | 119.36 | 11040.96  | 39823.65  |
| UA2503  | NZ                  | 30   |   | 6    | 3   | 1.5 | 3   | 0.85  | 112.92 | 10066.41  | 37149.72  |
| UA6496  | AUS                 | 32   |   | 1.6  |     |     |     | 0.269 | 127.14 | 4054.57   | 16142.19  |
| UA5854  | AUS                 | 32   |   | 3    | 0.5 | 0.5 | 0.5 | 0.494 | 126.71 | 7234.83   | 28341.95  |
| UA8942  | AUS                 | 35   |   | 2    |     |     |     | 0.367 | 139.06 | 6582.46   | 26146.31  |
| UA2812  | NZ                  | 35   |   | 4.5  |     |     |     | 0.796 | 139.36 | 13778.59  | 52896.88  |
| UA6877  | NZ                  | 38   |   | 1.45 |     |     |     | 0.291 | 151.14 | 6251.24   | 24946.72  |
| UA1613  | NZ                  | 38.1 |   | 4.75 |     |     |     | 0.916 | 151.76 | 18827.2   | 72461.74  |
| UA1099  | NZ/AUS              | 40   |   | 1.6  |     |     |     | 0.338 | 159.36 | 8045.89   | 32080.22  |
| UA1107  | NZ/AUS              | 40   |   | 3    |     |     |     | 0.623 | 159.36 | 14464.07  | 57096.11  |
| UA8447  | AUS                 | 40   |   | 4    |     |     |     | 0.821 | 159.36 | 18777.82  | 73309.61  |
| UA1114  | NZ                  | 40   |   | 4.5  |     |     |     | 0.917 | 159.36 | 20870.3   | 80925.79  |
| UA1122  | NZ/AUS              | 40   |   | 6    |     |     |     | 1.199 | 159.36 | 26968.91  | 101918.98 |
| UA2502  | NZ                  | 40   |   | 6    | 3   | 1.5 | 3   | 1.174 | 152.92 | 25228.82  | 96849.27  |
| UA1100  | NZ/AUS              | 50   |   | 1.6  |     |     |     | 0.425 | 199.36 | 15891.53  | 63441.12  |
| UA2714  | NZ                  | 50   |   | 2    |     |     |     | 0.529 | 199.36 | 19660     | 78372.81  |
| UA1110  | NZ/AUS              | 50   |   | 3    |     |     |     | 0.785 | 199.36 | 28763.96  | 114102.56 |
| UA5279  | NZ/AUS              | 50   |   | 4    | 0.5 | 0.5 | 0.5 | 1.036 | 198.71 | 37431.62  | 147465.54 |
| UA1116  | NZ/AUS              | 50   |   | 4.5  |     |     |     | 1.16  | 199.36 | 41703.42  | 163584.07 |
| UA1123  | NZ/AUS              | 50   |   | 6    |     |     |     | 1.523 | 199.36 | 53993.92  | 208406.58 |
| UA3089  | NZ                  | 50   |   | 6    | 0.5 | 6   | 0.5 | 1.543 | 196.35 | 54770.43  | 208270.73 |
| UA1129  | NZ                  | 50   |   | 9    |     |     |     | 2.211 | 199.36 | 77506.77  | 285272.76 |
| UA8965  | AUS                 | 50.8 |   | 6.35 |     | 6.1 |     | 1.654 | 199.72 | 60490.29  | 229519.7  |
| UA6495  | AUS                 | 60   |   | 3    | 0.5 | 0.5 | 0.5 | 0.947 | 238.71 | 50278.58  | 199967.23 |
| UA1711  | NZ/AUS              | 60   |   | 6    |     |     |     | 1.847 | 239.36 | 95116.28  | 371286.46 |
| UA1124  | NZ                  | 65   |   | 6    |     |     |     | 2.009 | 259.36 | 121901.5  | 477623.5  |
| UA2167  | NZ/AUS              | 75   |   | 3    |     |     |     | 1.19  | 299.36 | 99612.48  | 397022.37 |
| UA1526  | NZ                  | 75   |   | 4.5  |     |     |     | 1.768 | 299.36 | 145701.23 | 577899.08 |
| UA1126  | NZ                  | 75   |   | 6    |     |     |     | 2.333 | 299.36 | 189795.05 | 747591.79 |

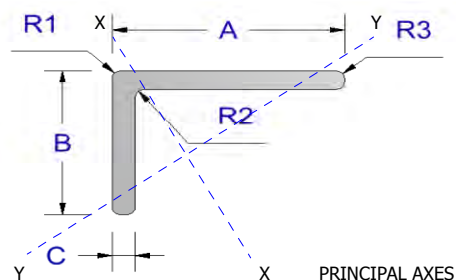
## EQUAL ANGLE

Quality Aluminium Extruders



| Die No. |        | A    | B | C    | D | R1  | R2   | R3  | W     | P      | $I_x$      | $I_y$      |
|---------|--------|------|---|------|---|-----|------|-----|-------|--------|------------|------------|
| UA1527  | NZ     | 75   |   | 9    |   |     |      |     | 3.426 | 299.36 | 273428.43  | 1055298.36 |
| UA8953  | AUS    | 76.2 |   | 6.35 |   |     | 7.62 |     | 2.537 | 300.67 | 214224.68  | 825498.18  |
| UA8901  | AUS    | 76.2 |   | 9.52 |   | 0.5 | 7.6  | 0.5 | 3.705 | 300.47 | 305044.2   | 1161646.06 |
| UA1712  | NZ/AUS | 80   |   | 6    |   |     |      |     | 2.495 | 319.36 | 231653.4   | 914223.04  |
| UA1127  | NZ     | 90   |   | 6    |   |     |      |     | 2.819 | 359.36 | 333068.24  | 1318279.74 |
| UA1118  | NZ/AUS | 100  |   | 6    |   |     |      |     | 3.143 | 399.36 | 460580.63  | 1826728.72 |
| UA8341  | AUS    | 150  |   | 6    |   |     | 6    |     | 4.783 | 596.57 | 1610542.65 | 6354224.81 |

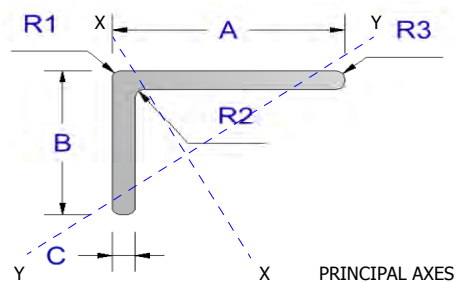
## UNEQUAL ANGLE



PRINCIPAL AXES

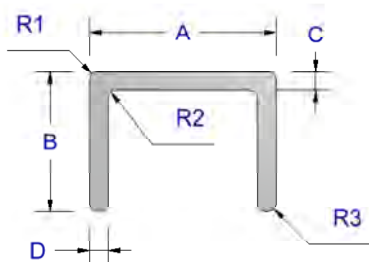
| Die No. | A      | B     | C    | D    | R1  | R2  | R3  | W     | P      | $I_x$    | $I_y$     |
|---------|--------|-------|------|------|-----|-----|-----|-------|--------|----------|-----------|
| UA1533  | NZ     | 19.05 | 9.53 | 1.59 |     |     |     | 0.116 | 56.52  | 176.67   | 1685.92   |
| UA1731  | NZ/AUS | 20    | 12   | 1.6  |     |     |     | 0.131 | 63.36  | 329.26   | 2206      |
| UA1102  | NZ     | 22    | 12   | 3    |     |     |     | 0.251 | 67.36  | 605.51   | 4713.92   |
| UA5504  | NZ     | 22    | 18   | 1.6  |     |     |     | 0.166 | 79.36  | 896.71   | 3886.99   |
| UA1534  | NZ     | 22.23 | 9.53 | 1.59 |     |     |     | 0.129 | 62.88  | 190.62   | 2530.1    |
| UA1093  | NZ     | 25    | 12   | 1.6  |     |     |     | 0.153 | 73.36  | 373.97   | 3885.52   |
| UA1535  | NZ/AUS | 25    | 12   | 3    |     |     |     | 0.275 | 73.36  | 648.32   | 6616.76   |
| UA1857  | NZ     | 25    | 19   | 1.2  |     |     |     | 0.138 | 87.36  | 876.32   | 4125.53   |
| UA1732  | NZ/AUS | 25    | 20   | 1.6  |     |     |     | 0.187 | 89.36  | 1272.61  | 5649.13   |
| UA1529  | NZ/AUS | 25    | 20   | 3    |     |     |     | 0.34  | 89.36  | 2239.1   | 9675.56   |
| UA3339  | NZ     | 30    | 12   | 4.5  | 0.5 |     | 0.5 | 0.455 | 82.93  | 1035.55  | 14832.27  |
| UA1530  | NZ     | 30    | 20   | 1.6  |     |     |     | 0.209 | 99.36  | 1497.94  | 8422.7    |
| UA1104  | NZ     | 30    | 20   | 3    |     |     |     | 0.38  | 99.36  | 2629.72  | 14612.79  |
| UA1095  | NZ     | 30    | 25   | 1.6  |     |     |     | 0.23  | 109.36 | 2423.37  | 10394.39  |
| UA1531  | NZ     | 30    | 25   | 2.5  |     |     |     | 0.354 | 109.36 | 3646.59  | 15483.42  |
| UA2943  | NZ/AUS | 32    | 20   | 1.6  |     |     |     | 0.217 | 103.36 | 1570.01  | 9800.99   |
| UA5910  | NZ/AUS | 32    | 25   | 3    |     |     |     | 0.162 | 113.14 | 4591.02  | 20650.95  |
| UA1524  | NZ     | 38    | 25   | 3    |     |     |     | 0.486 | 125.36 | 5330.3   | 30469.21  |
| UA1651  | NZ/AUS | 40    | 12   | 1.6  |     |     |     | 0.217 | 103.36 | 457.36   | 13547.06  |
| UA4556  | NZ     | 40    | 12   | 3    |     |     |     | 0.397 | 103.36 | 799.97   | 23790.66  |
| UA1098  | NZ/AUS | 40    | 20   | 1.6  |     |     |     | 0.252 | 119.36 | 1795.74  | 16990.9   |
| UA4493  | NZ/AUS | 40    | 20   | 3    |     |     |     | 0.461 | 119.36 | 3146     | 29992.75  |
| UA2295  | NZ     | 40    | 20   | 4    | 0.5 |     | 0.5 | 0.604 | 118.93 | 4027.06  | 38229.39  |
| UA1068  | NZ/AUS | 40    | 25   | 1.6  |     |     |     | 0.274 | 129.36 | 3125.39  | 19483.44  |
| UA1106  | NZ/AUS | 40    | 25   | 3    |     |     |     | 0.502 | 129.36 | 5529.51  | 34446.84  |
| UA2599  | NZ     | 42    | 25   | 2    |     |     |     | 0.351 | 133.36 | 3966.31  | 26929.77  |
| UA1926  | NZ     | 50    | 20   | 1.6  |     |     |     | 0.295 | 139.36 | 1997.46  | 30210.62  |
| UA1108  | NZ     | 50    | 20   | 3    |     |     |     | 0.542 | 139.36 | 3499.95  | 53887.32  |
| UA2848  | NZ/AUS | 50    | 25   | 1.6  |     |     |     | 0.317 | 149.36 | 3575.28  | 33671.89  |
| UA1109  | NZ/AUS | 50    | 25   | 3    |     |     |     | 0.583 | 149.36 | 6319.73  | 60154.85  |
| UA1974  | NZ     | 50    | 30   | 1.6  |     |     |     | 0.338 | 159.36 | 5625.32  | 37532.56  |
| UA1115  | NZ     | 50    | 40   | 4.5  |     |     |     | 1.039 | 179.36 | 27802.17 | 122123.21 |
| UA2378  | NZ     | 60    | 30   | 6    |     |     |     | 1.361 | 179.36 | 20468.44 | 193980.43 |
| UA3031  | NZ     | 60    | 30   | 6    | 3   | 1.5 | 3   | 1.336 | 172.92 | 19036.07 | 185907.52 |
| UA3828  | NZ     | 63.5  | 50.9 | 6.35 | 0.5 | 6   | 0.5 | 1.873 | 225.15 | 80759.29 | 348278.2  |
| UA1111  | NZ     | 65    | 25   | 3    |     |     |     | 0.704 | 179.36 | 7149.31  | 119344.8  |
| UA2776  | NZ     | 70    | 25   | 2    |     |     |     | 0.502 | 189.36 | 5120.28  | 99442.13  |
| UA5938  | NZ/AUS | 70    | 40   | 1.6  |     |     |     | 0.468 | 219.14 | 13968.89 | 101347.83 |
| UA1112  | NZ/AUS | 75    | 25   | 3    |     |     |     | 0.785 | 199.36 | 7577.64  | 174737.02 |
| UA3785  | NZ     | 75    | 25   | 6    | 0.5 |     | 0.5 | 1.522 | 198.93 | 13923.57 | 324223.25 |
| UA3504  | NZ     | 75    | 30   | 4.5  | 0.5 |     | 0.5 | 1.22  | 208.93 | 17709.65 | 272735    |
| UA1525  | NZ     | 75    | 50   | 3    |     |     |     | 0.988 | 249.36 | 45045.53 | 252970.8  |
| UA1117  | NZ     | 75    | 50   | 4.5  |     |     |     | 1.464 | 249.36 | 65354.25 | 366893.33 |

## UNEQUAL ANGLE



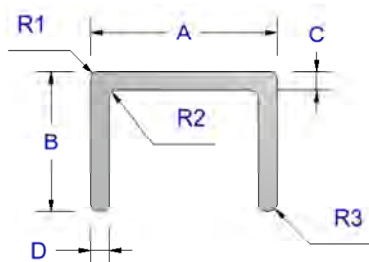
PRINCIPAL AXES

| Die No.       | A    | B    | C    | D | R1  | R2   | R3  | W     | P      | $I_x$     | $I_y$      |
|---------------|------|------|------|---|-----|------|-----|-------|--------|-----------|------------|
| UA1125 NZ/AUS | 75   | 50   | 6    |   |     |      |     | 1.928 | 249.36 | 84559.12  | 472956.55  |
| UA8952 AUS    | 76.2 | 50.8 | 6.35 |   |     | 6.86 |     | 2.095 | 250.2  | 94652.96  | 523883.28  |
| UA3100 NZ     | 85   | 20   | 3    |   |     |      |     | 0.826 | 209.36 | 4285.31   | 226221.55  |
| UA1614 NZ     | 90   | 60   | 6    |   |     |      |     | 2.333 | 299.36 | 149044.2  | 835964.43  |
| UA1615 NZ     | 90   | 65   | 6    |   |     |      |     | 2.414 | 309.36 | 178975.55 | 893645.71  |
| UA4688 NZ     | 100  | 25   | 2    |   |     |      |     | 0.664 | 249.36 | 5830.77   | 258335.91  |
| UA3870 NZ     | 100  | 25   | 3    |   |     |      |     | 0.988 | 249.36 | 8410.48   | 379987     |
| UA2078 NZ     | 100  | 50   | 2    |   |     |      |     | 0.799 | 299.36 | 36879.63  | 344298.12  |
| UA2048 NZ/AUS | 100  | 50   | 3    |   |     |      |     | 1.19  | 299.36 | 54007.79  | 507553.79  |
| UA2805 NZ     | 100  | 50   | 4.5  |   |     |      |     | 1.768 | 299.36 | 78314.73  | 741625.14  |
| UA1119 NZ/AUS | 100  | 50   | 6    |   |     |      |     | 2.333 | 299.36 | 101248.52 | 963212.15  |
| UA3537 NZ     | 100  | 75   | 6    |   | 11  | 5    | 3   | 2.661 | 337.98 | 245261.63 | 1249291.77 |
| UA3861 NZ     | 100  | 75   | 8    |   | 0.5 |      | 0.5 | 3.606 | 348.93 | 349141.84 | 1654636.44 |
| UA1528 NZ     | 100  | 75   | 12   |   |     |      |     | 5.281 | 349.36 | 500248.11 | 2323063.19 |
| UA5335 NZ     | 115  | 75   | 9    |   |     |      |     | 4.398 | 379.36 | 435267.11 | 2522417.25 |
| UA2984 NZ     | 125  | 40   | 6    |   |     |      |     | 2.576 | 329.36 | 61467.89  | 1569141.49 |
| UA4589 NZ     | 130  | 54   | 2    |   |     |      |     | 0.983 | 367.36 | 51016.02  | 696662.15  |
| UA6468 NZ     | 150  | 75   | 3    |   | 0.5 | 0.5  | 0.5 | 1.798 | 448.71 | 186677.4  | 1742808.16 |
| UA1120 NZ/AUS | 150  | 75   | 6    |   |     |      |     | 3.548 | 449.36 | 356429.49 | 3367344.5  |
| UA1128 NZ/AUS | 150  | 75   | 9    |   |     |      |     | 5.249 | 449.36 | 512695.81 | 4876951.44 |
| UA10146 AUS   | 150  | 100  | 3    |   | 0.5 | 0.5  | 0.5 | 2     | 498.71 | 373818.54 | 2093049.38 |
| UA8254 AUS    | 200  | 40   | 3.5  |   |     |      |     | 2.235 | 479.36 | 44547.91  | 3388918.36 |

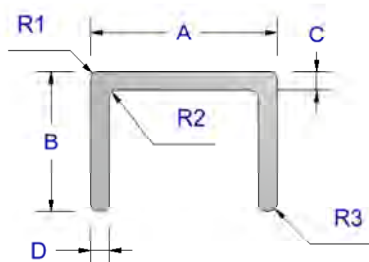


| Die No. | A       | B     | C     | D    | R1   | R2  | R3  | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------|---------|-------|-------|------|------|-----|-----|-------|--------|----------------|----------------|
| UA3768  | NZ      | 9.5   | 13    | 2.4  | 1.6  |     |     | 0.153 | 65.43  | 898.89         | 705.85         |
| UA1130  | NZ/AUS^ | 10    | 10    | 1.6  | 1.6  |     |     | 0.115 | 56.03  | 408.85         | 610.89         |
| UA1374  | NZ      | 10    | 15    | 1.6  | 1.5  |     |     | 0.151 | 76.03  | 1241.33        | 864.61         |
| UA1713  | NZ      | 12    | 12    | 1.6  | 1.6  |     |     | 0.141 | 68.03  | 737.43         | 1133.9         |
| UA1134  | NZ      | 12    | 12    | 2.5  | 2.5  |     |     | 0.209 | 66.23  | 1030.09        | 1453.25        |
| UA1131  | NZ      | 12    | 18    | 1.6  | 1.6  |     |     | 0.193 | 91.77  | 2309.57        | 1657.89        |
| UA4077  | NZ      | 12    | 20    | 2.5  | 2.5  |     |     | 0.317 | 98.23  | 4470.11        | 2376.58        |
| UA1383  | NZ/AUS^ | 12.5  | 9     | 1.3  | 1.3  |     |     | 0.098 | 57.63  | 279.87         | 838.31         |
| UA1384  | NZ/AUS^ | 12.5  | 13    | 1.3  | 1.2  |     |     | 0.119 | 73.63  | 751.49         | 1107.38        |
| UA1609  | NZ      | 14.5  | 14.5  | 1.35 | 1.35 |     |     | 0.148 | 83.53  | 1170.39        | 1877.9         |
| UA2803  | NZ      | 15.1  | 18.1  | 1.8  | 1.8  | 0.9 | 0.9 | 0.229 | 96.68  | 2729.85        | 3077.37        |
| UA1616  | NZ      | 16    | 8     | 1.6  | 1.6  |     |     | 0.124 | 60.03  | 254.95         | 1605.71        |
| UA1132  | NZ      | 16    | 11    | 1.6  | 1.6  |     |     | 0.15  | 72.03  | 640.81         | 2105.42        |
| UA3614  | NZ/AUS  | 16.2  | 16.2  | 1.6  | 1.6  |     |     | 0.196 | 93.23  | 1919.93        | 3059.89        |
| UA1137  | NZ      | 17    | 12    | 3    | 3    |     |     | 0.283 | 75.23  | 1342.02        | 3908.06        |
| UA1560  | NZ      | 17.46 | 31.75 | 2.54 | 2.54 |     |     | 0.52  | 156.07 | 19146.69       | 9457.07        |
| UA3228  | NZ      | 18    | 22    | 2    | 2    | 1   |     | 0.312 | 118.63 | 5638.95        | 6080.58        |
| UA1568  | NZ      | 19.05 | 19.05 | 2.5  | 2.5  |     |     | 0.352 | 108.53 | 4643.47        | 7140.87        |
| UA8006  | AUS     | 20    | 20    | 1.6  | 1.6  |     |     | 0.245 | 115.77 | 3715.78        | 6044.39        |
| UA1617  | NZ/AUS  | 20    | 20    | 3    | 3    |     |     | 0.437 | 113.23 | 6265.59        | 9436.45        |
| UA1567  | NZ      | 22    | 12    | 1.5  | 1.5  |     |     | 0.174 | 88.23  | 870.01         | 4633.6         |
| UA1138  | NZ      | 22    | 22    | 3    | 3    |     |     | 0.486 | 125.23 | 8520.06        | 13024.25       |
| UA1561  | NZ      | 22.23 | 12.7  | 1.59 | 1.59 |     |     | 0.19  | 91.31  | 1075.79        | 5207.55        |
| UA1806  | NZ      | 24    | 13    | 1.2  | 1.2  | 1.7 | 0.5 | 0.151 | 95.2   | 914.59         | 4900.84        |
| UA3482  | NZ      | 25    | 12    | 3    | 3    |     |     | 0.348 | 91.23  | 1545.53        | 10465.27       |
| UA2947  | NZ      | 25    | 20    | 1.6  | 1.6  |     |     | 0.267 | 126.03 | 4036.46        | 10139.39       |
| UA1139  | NZ      | 25    | 22    | 3    | 3    |     |     | 0.51  | 131.23 | 8942.33        | 17770.27       |
| UA1573  | NZ      | 25    | 25    | 1.4  | 1.4  |     |     | 0.273 | 146.43 | 6624.92        | 11017.93       |
| UA1133  | NZ/AUS  | 25    | 25    | 1.6  | 1.6  |     |     | 0.31  | 146.03 | 7476.33        | 12333.04       |
| UA1140  | NZ/AUS  | 25    | 25    | 3    | 3    |     |     | 0.559 | 143.23 | 12831.19       | 19961.77       |
| UA5214  | NZ      | 25    | 27    | 8    | 6    | 0.5 | 0.5 | 1.155 | 140.71 | 27276.89       | 31640.04       |
| UA8943  | AUS     | 25    | 40    | 3    | 3    |     |     | 0.801 | 202.71 | 47719.91       | 30910.72       |
| UA3227  | NZ      | 25    | 50    | 2    | 2    |     |     | 0.653 | 245.23 | 61591.97       | 28043.91       |
| UA1654  | NZ      | 25    | 50    | 3    | 3    |     |     | 0.964 | 243.23 | 88914.16       | 38224.27       |
| UA2959  | NZ      | 29.8  | 50    | 2.2  | 2.2  | 0.5 | 0.5 | 0.744 | 253.48 | 71111.03       | 44942.29       |
| UA5756  | NZ      | 30    | 15    | 2    | 2    |     |     | 0.302 | 114.97 | 2303.02        | 14667.03       |
| UA1141  | NZ      | 30    | 25    | 3    | 3    |     |     | 0.599 | 153.23 | 13730.17       | 30883.15       |
| UA3226  | NZ      | 30    | 50    | 2    | 2    |     |     | 0.68  | 255.23 | 65371          | 42172.18       |
| UA2244  | NZ      | 32    | 20    | 3    | 3    |     |     | 0.534 | 136.97 | 7459.14        | 29694.25       |
| UA5907  | AUS     | 32    | 25    | 3    | 3    |     |     | 0.615 | 156.97 | 14039.13       | 35997.46       |
| UA5540  | NZ      | 32    | 30    | 3    | 1.5  |     |     | 0.478 | 177.23 | 14838.89       | 27016.94       |
| UA1142  | NZ      | 40    | 12    | 3    | 3    |     |     | 0.469 | 121.23 | 1789.09        | 34480.05       |
| UA3615  | NZ      | 40    | 16.5  | 1.5  | 1.5  |     |     | 0.283 | 142.23 | 2593.09        | 24639.74       |

## CHANNEL

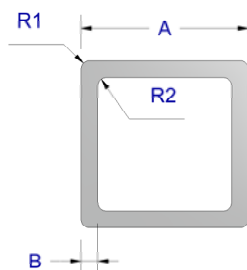


| Die No. | A      | B    | C     | D    | R1   | R2  | R3   | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------|--------|------|-------|------|------|-----|------|-------|--------|----------------|----------------|
| UA1143  | NZ     | 40   | 20    | 3    | 3    |     |      | 0.599 | 153.23 | 8043.81        | 50944.05       |
| UA1655  | NZ/AUS | 40   | 25    | 3    | 3    |     |      | 0.68  | 173.23 | 15210.94       | 61234.05       |
| UA8944  | AUS    | 40   | 40    | 3    | 3    |     |      | 0.923 | 232.71 | 56476.37       | 92082.57       |
| UA8117  | AUS    | 40   | 100   | 6    | 6    | 1   | 6    | 3.732 | 460.27 | 1343345.96     | 363449.34      |
| UA8223  | AUS    | 41   | 26    | 1.5  | 1.5  |     |      | 0.364 | 182.23 | 9319.09        | 37252.2        |
| UA6907  | AUS    | 43.2 | 25.4  | 1.6  | 1.6  |     | 0.8  | 0.391 | 183.08 | 9276.36        | 43445.97       |
| UA1144  | NZ     | 45   | 25    | 3    | 3    |     |      | 0.721 | 183.23 | 15828.38       | 81038.58       |
| UA1043  | NZ     | 47   | 17    | 1.5  | 1.4  |     | 0.7  | 0.306 | 157.54 | 2752.63        | 35306.02       |
| UA1145  | NZ/AUS | 50   | 25    | 3    | 3    |     |      | 0.761 | 193.23 | 16381.31       | 104179.16      |
| UA3061  | NZ     | 50   | 25    | 6    | 6    |     |      | 1.425 | 187.23 | 27976.67       | 173473.93      |
| UA6494  | AUS    | 50   | 50    | 3    | 3    | 0.5 | 0.5  | 1.166 | 292.28 | 112990.68      | 187062.01      |
| UA1562  | NZ     | 50.8 | 34.92 | 3.18 | 3.18 |     |      | 0.979 | 234.16 | 44330.7        | 149089.89      |
| UA6621  | AUS    | 53   | 25    | 1.5  | 1.5  | 0.5 | 0.5  | 0.404 | 201.28 | 9024.12        | 65218.11       |
| UA4719  | NZ     | 54   | 20    | 1.5  | 1.5  |     |      | 0.368 | 184.23 | 4872.97        | 57855.08       |
| UA6878  | NZ     | 55   | 25    | 1.45 | 1.45 |     |      | 0.399 | 206.07 | 8869.3         | 68926.22       |
| UA3839  | NZ     | 55   | 25    | 3    | 2    |     | 1    | 0.68  | 202.52 | 12316.57       | 102653.51      |
| UA1148  | NZ     | 57   | 30    | 4    | 4    |     |      | 1.177 | 225.23 | 36458.18       | 207990.56      |
| UA6929  | NZ     | 60   | 25    | 3    | 3    |     |      | 0.842 | 212.97 | 17309.84       | 161142.73      |
| UA1563  | NZ     | 63.5 | 31.75 | 4.76 | 4.76 |     |      | 1.51  | 243.7  | 51153.95       | 323742.03      |
| UA2169  | NZ     | 70   | 30    | 2.5  | 2.5  | 1   |      | 0.845 | 253.37 | 26052.75       | 228462.95      |
| UA1671  | NZ     | 75   | 25    | 3    | 3    |     |      | 0.964 | 243.23 | 18462.94       | 276485.34      |
| UA1862  | NZ/AUS | 75   | 40    | 3    | 3    |     |      | 1.207 | 303.23 | 70125.49       | 393192.84      |
| UA1147  | NZ     | 75   | 40    | 4.5  | 4.5  |     |      | 1.774 | 300.23 | 99708.51       | 555590.51      |
| UA5251  | NZ     | 75   | 40    | 6    | 6    | 0.5 | 0.5  | 2.316 | 296.28 | 126075.42      | 697482         |
| UA1149  | NZ     | 75   | 40    | 6    | 8    |     |      | 2.683 | 297.23 | 152206.78      | 824200.81      |
| UA1565  | NZ     | 75   | 50    | 4.5  | 4.5  |     |      | 2.017 | 340.23 | 186752.27      | 667573.01      |
| UA1656  | NZ     | 75   | 50    | 6    | 6    |     |      | 2.64  | 337.23 | 238277.69      | 840826.75      |
| UA1564  | NZ     | 76.2 | 19.05 | 3.18 | 3.18 |     |      | 0.926 | 221.47 | 8769.94        | 251717.41      |
| UA5303  | NZ     | 76.2 | 38.1  | 6.35 | 7.92 | 0.5 | 7.62 | 2.731 | 284.27 | 133832.22      | 842786.06      |
| UA2948  | NZ     | 80   | 25    | 3    | 3    |     |      | 1.004 | 253.23 | 18781.23       | 323579.73      |
| UA5908  | AUS    | 80   | 40    | 3    | 3    |     |      | 1.247 | 312.97 | 71514.08       | 456912.76      |
| UA3506  | NZ     | 80   | 40    | 4    | 4    |     |      | 1.641 | 311.23 | 92094.64       | 586749.22      |
| UA3206  | NZ     | 87.6 | 45    | 4.5  | 4.5  |     |      | 2.048 | 345.43 | 146278.62      | 881764.2       |
| UA1150  | NZ     | 90   | 40    | 6    | 8    |     |      | 2.926 | 327.23 | 162361.47      | 1281656.28     |
| UA7409  | NZ     | 99   | 25    | 2    | 2    | 0.5 | 0.5  | 0.782 | 292.28 | 13849.43       | 377628.43      |
| UA1135  | NZ     | 100  | 25    | 3    | 3    |     |      | 1.166 | 293.23 | 19841.13       | 560317.8       |
| UA7171  | NZ     | 100  | 38    | 3    | 3    |     |      | 1.376 | 344.97 | 66138.5        | 743635.59      |
| UA1136  | NZ     | 100  | 40    | 3    | 3    |     |      | 1.409 | 353.23 | 76512.97       | 772087.8       |
| UA3130  | NZ     | 100  | 50    | 3    | 3    |     |      | 1.571 | 393.23 | 142878.01      | 913267.8       |
| UA1146  | NZ     | 100  | 50    | 4.5  | 4.5  |     |      | 2.32  | 390.23 | 205298.81      | 1309103.79     |
| UA1566  | NZ/AUS | 100  | 50    | 6    | 6    |     |      | 3.045 | 387.23 | 262411.74      | 1667668.36     |
| UA1652  | NZ     | 100  | 50    | 6    | 8    | 8   | 6    | 3.52  | 387.23 | 317735.85      | 1993157.68     |
| UA2464  | NZ     | 100  | 50    | 6    | 8    | 8   | 6    | 3.488 | 375.12 | 312852.29      | 1954611.76     |



| Die No. |                     | A     | B    | C    | D    | R1  | R2    | R3   | W     | P      | $I_x$      | $I_y$       |
|---------|---------------------|-------|------|------|------|-----|-------|------|-------|--------|------------|-------------|
| UA5723  | NZ                  | 101.6 | 50.8 | 6.35 | 7.9  | 0.5 | 9     | 0.5  | 3.638 | 391.98 | 334475.82  | 2099590.42  |
| UA8596  | AUS                 | 101.6 | 50.8 | 6.35 | 7.9  | 0.5 | 9     | 0.5  | 3.731 | 384.69 | 336759.97  | 2157619.72  |
| UA5901  | AUS                 | 102   | 100  | 5    | 5    |     | 3     | 0.75 | 3.952 | 590.39 | 1547825.15 | 2686223.37  |
| UA6458  | AUS                 | 117   | 25.4 | 2.5  | 1.5  | 0.5 | 1.25  | 0.75 | 0.976 | 327.9  | 11902.45   | 563113.85   |
| UA2804  | NZ                  | 120   | 65   | 12   | 12   | 0.5 | 0.5   | 0.5  | 7.322 | 474.28 | 1027975.6  | 5451644     |
| UA5302  | NZ/AUS              | 125   | 50   | 4    | 8    | 2   | 2     | 2    | 3.328 | 435.13 | 312660.3   | 3160353.76  |
| UA5058  | NZ                  | 125   | 50   | 6    | 8    | 0.5 | 0.5   | 0.5  | 3.925 | 436.28 | 342513.65  | 3388743.26  |
| UA8289  | AUS                 | 127   | 63.5 | 6.35 | 9.35 | 10  | 10.67 | 0.5  | 5.194 | 485.11 | 764314.7   | 4920235.25  |
| UA6665  | AUS                 | 132   | 91   | 10   | 10   | 10  | 10    | 0.5  | 7.916 | 587.21 | 2353976.81 | 7881442.86  |
| UA5187  | NZ                  | 140   | 55   | 6    | 8    | 0.5 | 0.5   | 0.5  | 4.384 | 486.28 | 465720.8   | 4790234.16  |
| UA1653  | NZ/AUS              | 150   | 75   | 6    | 8    | 0.5 | 3     | 0.5  | 5.41  | 587.23 | 1137717.92 | 7258044.46  |
| UA5099  | NZ/AUS              | 160   | 60   | 6    | 9    | 0.5 | 3     | 0.5  | 5.226 | 544.14 | 673853.58  | 7612399.7   |
| UA6666  | AUS                 | 180   | 102  | 10   | 10   | 10  | 10    | 0.5  | 9.806 | 727.21 | 3619424.21 | 18045129.98 |
| UA4207  | NZ/AUS <sup>A</sup> | 280   | 50   | 3.5  | 7.5  |     |       |      | 4.529 | 752.23 | 381241.1   | 19352178.16 |

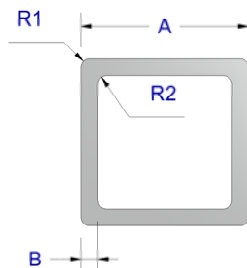
## SQUARE HOLLOW



| Die No.                    | A     | B   | C | D | R1  | R2  | R3 | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|----------------------------|-------|-----|---|---|-----|-----|----|-------|--------|----------------|----------------|
| UA1206 NZ                  | 12    | 1.6 |   |   |     |     |    | 0.18  | 47.48  | 1225.53        | 1225.53        |
| UA2095 NZ                  | 12.6  | 1.5 |   |   |     |     |    | 0.18  | 49.88  | 1389.6         | 1389.6         |
| UA1662 NZ                  | 16    | 1.5 |   |   |     |     |    | 0.235 | 63.48  | 3076.39        | 3076.39        |
| UA8955 NZ/AUS <sup>^</sup> | 16    | 1.5 |   |   | 2   | 0.5 |    | 0.226 | 60.57  | 2893.63        | 2893.63        |
| UA1371 NZ                  | 19    | 1.5 |   |   |     |     |    | 0.283 | 75.48  | 5391.88        | 5391.88        |
| UA1869 NZ/AUS              | 19    | 1.5 |   |   | 2   | 0.5 |    | 0.275 | 72.57  | 5130.2         | 5130.2         |
| UA5286 NZ/AUS              | 19    | 1.8 |   |   | 1.5 |     |    | 0.329 | 73.42  | 6010.63        | 6010.63        |
| UA1810 NZ                  | 19.09 | 1.2 |   |   |     |     |    | 0.232 | 75.84  | 4594.25        | 4594.25        |
| UA4090 AUS                 | 20    | 1.2 |   |   | 3   | 1.6 |    | 0.229 | 74.85  | 4819.29        | 4819.29        |
| UA1207 NZ/AUS              | 20    | 1.6 |   |   | 1   |     |    | 0.316 | 78.28  | 6612.97        | 6612.97        |
| UA5905 AUS                 | 20    | 3   |   |   |     |     |    | 0.55  | 79.31  | 10118.51       | 10118.51       |
| UA5861 NZ/AUS              | 20    | 3   |   |   | 3   | 3   |    | 0.551 | 74.85  | 9769.05        | 9769.05        |
| UA1050 NZ                  | 25    | 1.4 |   |   |     |     |    | 0.357 | 99.48  | 12299.2        | 12299.2        |
| UA1650 NZ                  | 25    | 1.4 |   |   | 1.6 | 1   |    | 0.353 | 97.25  | 12088.52       | 12088.52       |
| UA4091 NZ/AUS              | 25    | 1.4 |   |   | 3   | 1.6 |    | 0.342 | 94.85  | 11481.32       | 11481.32       |
| UA1765 NZ/AUS              | 25    | 1.6 |   |   | 1   |     |    | 0.402 | 98.28  | 13601.59       | 13601.59       |
| UA1210 NZ                  | 25    | 1.8 |   |   |     |     |    | 0.451 | 99.48  | 15062.86       | 15062.86       |
| UA1912 NZ                  | 25    | 1.8 |   |   | 2.4 |     |    | 0.438 | 95.88  | 14366.08       | 14366.08       |
| UA5906 NZ/AUS              | 25    | 2   |   |   |     |     |    | 0.496 | 99.31  | 16324.18       | 16324.18       |
| UA6486 AUS                 | 25    | 2   |   |   | 1.6 | 1.6 |    | 0.497 | 97.25  | 16247.39       | 16247.39       |
| UA2170 NZ/AUS              | 25    | 3   |   |   |     |     |    | 0.713 | 99.48  | 21680.06       | 21680.06       |
| UA4661 NZ/AUS              | 25    | 3   |   |   | 3   | 3   |    | 0.713 | 94.85  | 21213.17       | 21213.17       |
| UA1546 NZ                  | 25    | 4.5 |   |   |     |     |    | 0.996 | 99.48  | 27078.81       | 27078.81       |
| UA2467 NZ                  | 25    | 5   |   |   | 2.5 |     |    | 1.066 | 95.71  | 27567.09       | 27567.09       |
| UA1998 NZ                  | 25.4  | 0.9 |   |   | 0.5 |     |    | 0.238 | 100.74 | 8801.57        | 8801.57        |
| UA1642 NZ/AUS              | 25.4  | 1.2 |   |   |     |     |    | 0.313 | 101.08 | 11353.54       | 11353.54       |
| UA8881 AUS                 | 25.4  | 1.2 |   |   | 2.8 | 1.6 |    | 0.301 | 96.79  | 10655.86       | 10655.86       |
| UA1205 NZ                  | 30    | 1.6 |   |   |     |     |    | 0.491 | 119.48 | 24493.71       | 24493.71       |
| UA2094 NZ                  | 31.55 | 2.4 |   |   |     |     |    | 0.755 | 125.68 | 39880.64       | 39880.64       |
| UA5815 NZ                  | 32    | 1.8 |   |   | 3.8 | 2   |    | 0.563 | 121.48 | 30967.94       | 30967.94       |
| UA2006 NZ/AUS              | 32    | 2   |   |   |     |     |    | 0.648 | 127.48 | 36140.39       | 36140.39       |
| UA5722 AUS                 | 32    | 3   |   |   | 0.5 | 0.5 |    | 0.94  | 127.14 | 49281.47       | 49281.47       |
| UA5904 NZ/AUS              | 32    | 3   |   |   | 3   |     |    | 0.919 | 122.85 | 47481.98       | 47481.98       |
| UA2971 NZ                  | 32    | 3.6 |   |   |     |     |    | 1.104 | 127.48 | 55838.87       | 55838.87       |
| UA4089 NZ/AUS              | 35    | 1.4 |   |   | 3   | 1.6 |    | 0.493 | 134.85 | 33819.76       | 33819.76       |
| UA4078 NZ                  | 35    | 2   |   |   |     |     |    | 0.713 | 139.48 | 48068.52       | 48068.52       |
| UA2487 NZ                  | 35    | 4.5 |   |   | 0.5 | 0.5 |    | 1.482 | 139.14 | 86941.51       | 86941.51       |
| UA7170 NZ                  | 38    | 1.6 |   |   | 2   |     |    | 0.62  | 148.57 | 50360.76       | 50360.76       |
| UA6459 AUS                 | 40    | 1.6 |   |   |     |     |    | 0.663 | 159.31 | 60448.39       | 60448.39       |
| UA1764 NZ                  | 40    | 1.8 |   |   | 1   |     |    | 0.74  | 158.28 | 66704.32       | 66704.32       |
| UA1211 NZ                  | 40    | 2   |   |   |     |     |    | 0.821 | 159.48 | 73334.64       | 73334.64       |
| UA1212 NZ/AUS              | 40    | 2   |   |   | 2.4 |     |    | 0.807 | 155.88 | 71491.17       | 71491.17       |
| UA8956 NZ/AUS <sup>^</sup> | 40    | 3   |   |   | 0.5 |     |    | 1.203 | 159.14 | 102226.17      | 102226.17      |

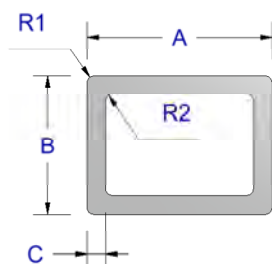
## SQUARE HOLLOW

Quality Aluminium Extruders



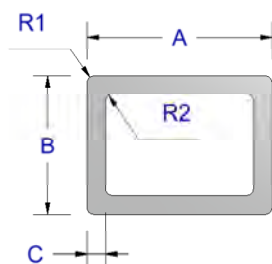
| Die No.       | A    | B    | C | D | R1   | R2   | R3 | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------------|------|------|---|---|------|------|----|-------|--------|----------------|----------------|
| UA6578 NZ     | 40   | 3    |   |   | 0.5  | 0.5  |    | 1.199 | 159.14 | 101948.32      | 101948.32      |
| UA4062 NZ/AUS | 40   | 3    |   |   | 3    |      |    | 1.178 | 154.85 | 99082.9        | 99082.9        |
| UA4662 NZ     | 40   | 3    |   |   | 3    | 2    |    | 1.187 | 154.85 | 100024.23      | 100024.23      |
| UA2808 NZ     | 40   | 4    |   |   |      |      |    | 1.555 | 159.48 | 125921.3       | 125921.3       |
| UA6249 NZ     | 40   | 4    |   |   | 3    |      |    | 1.534 | 154.85 | 123062.9       | 123062.9       |
| UA2466 NZ     | 40   | 5    |   |   | 2.5  |      |    | 1.876 | 155.71 | 143804.3       | 143804.3       |
| UA1049 NZ     | 45   | 2    |   |   |      |      |    | 0.929 | 179.48 | 106199.79      | 106199.79      |
| UA5184 NZ     | 48   | 3    |   |   | 12   | 9    |    | 1.312 | 171.4  | 151521.55      | 151521.55      |
| UA8007 AUS    | 50   | 1.6  |   |   |      |      |    | 0.836 | 199.31 | 120985.5       | 120985.5       |
| UA1208 NZ     | 50   | 1.6  |   |   | 1    |      |    | 0.834 | 198.28 | 120543.74      | 120543.74      |
| UA6462 AUS    | 50   | 1.6  |   |   | 6.3  | 4.7  |    | 0.796 | 189.18 | 111545.99      | 111545.99      |
| UA2949 NZ/AUS | 50   | 2    |   |   |      |      |    | 1.037 | 199.48 | 147663.97      | 147663.97      |
| UA8480 AUS    | 50   | 2    |   |   | 3    | 1    |    | 1.018 | 194.85 | 143581.75      | 143581.75      |
| UA3298 NZ     | 50   | 2    |   |   | 4    | 2    |    | 1.009 | 193.13 | 141469.8       | 141469.8       |
| UA5461 NZ/AUS | 50   | 2    |   |   | 6    | 4    |    | 0.99  | 189.7  | 137093.78      | 137093.78      |
| UA1214 NZ/AUS | 50   | 3    |   |   |      |      |    | 1.523 | 199.48 | 208443.97      | 208443.97      |
| UA4663 NZ/AUS | 50   | 3    |   |   | 3    | 3    |    | 1.523 | 194.85 | 207433.74      | 207433.74      |
| UA3178 NZ     | 50   | 3    |   |   | 4    | 1    |    | 1.488 | 193.13 | 200909.91      | 200909.91      |
| UA8457 AUS    | 50   | 3    |   |   | 5    | 2    |    | 1.474 | 191.42 | 197827.69      | 197827.69      |
| UA2809 NZ     | 50   | 4    |   |   |      |      |    | 1.987 | 199.48 | 261477.31      | 261477.31      |
| UA8951 AUS    | 50   | 4    |   |   | 6    | 2    |    | 1.913 | 189.7  | 245638.32      | 245638.32      |
| UA3068 NZ     | 50   | 5    |   |   | 4    | 4    |    | 2.43  | 193.13 | 304532.45      | 304532.45      |
| UA5299 NZ/AUS | 50.8 | 3.2  |   |   | 3    | 3    |    | 1.645 | 198.05 | 229976.57      | 229976.57      |
| UA3346 NZ     | 60   | 3    |   |   |      |      |    | 1.847 | 239.48 | 371342.78      | 371342.78      |
| UA4076 NZ     | 63.2 | 6.3  |   |   | 0.5  | 0.5  |    | 3.871 | 251.94 | 783132.53      | 783132.53      |
| UA4664 NZ/AUS | 65   | 3    |   |   | 5    | 5    |    | 2.009 | 251.42 | 473924.21      | 473924.21      |
| UA1215 NZ     | 75   | 3    |   |   |      |      |    | 2.333 | 299.48 | 747683.75      | 747683.75      |
| UA4832 NZ/AUS | 75   | 3    |   |   | 4.45 | 6.3  |    | 2.379 | 292.36 | 762485.21      | 762485.21      |
| UA1547 NZ     | 75   | 4.5  |   |   |      |      |    | 3.426 | 299.48 | 1055382.5      | 1055382.5      |
| UA6933 NZ     | 75   | 5    |   |   | 6    | 1    |    | 3.699 | 289.7  | 1109615.68     | 1109615.68     |
| UA4075 NZ     | 76   | 6.3  |   |   | 0.5  | 0.5  |    | 4.742 | 303.14 | 1433682.19     | 1433682.19     |
| UA8030 AUS    | 76.2 | 6.35 |   |   | 15.9 | 9.55 |    | 4.416 | 277.5  | 1262609.02     | 1262609.02     |
| UA8741 AUS    | 90   | 3    |   |   | 3    | 1    |    | 2.8   | 354.85 | 1304885.74     | 1304885.74     |
| UA1213 NZ/AUS | 100  | 3    |   |   |      |      |    | 3.143 | 399.48 | 1826899.38     | 1826899.38     |
| UA4483 AUS    | 100  | 3    |   |   | 10   | 7    |    | 3.025 | 382.83 | 1717842.2      | 1717842.2      |
| UA3350 NZ     | 100  | 3.5  |   |   | 5    | 1.5  |    | 3.595 | 391.42 | 2052383.64     | 2052383.64     |
| UA4627 NZ     | 100  | 4    |   |   | 4.6  |      |    | 4.098 | 392.1  | 2319815.89     | 2319815.89     |
| UA3825 NZ     | 100  | 4.5  |   |   | 0.5  |      |    | 4.641 | 399.14 | 2618219.14     | 2618219.14     |
| UA4302 NZ     | 100  | 5    |   |   | 0.5  | 0.5  |    | 5.13  | 399.14 | 2865731.64     | 2865731.64     |
| UA5721 NZ/AUS | 100  | 6    |   |   | 12   | 6    |    | 5.841 | 379.4  | 3114741.8      | 3114741.8      |

## RECTANGULAR HOLLOW



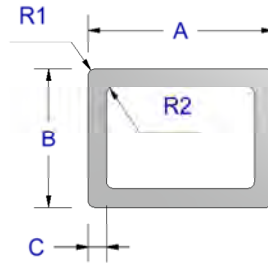
| Die No.       | A    | B    | C   | D | R1  | R2  | R3 | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------------|------|------|-----|---|-----|-----|----|-------|--------|----------------|----------------|
| UA7454 NZ     | 30   | 10   | 1.6 |   |     |     |    | 0.318 | 79.31  | 1794.46        | 11561.79       |
| UA2696 NZ     | 30   | 20   | 1.4 |   | 2   | 1   |    | 0.349 | 97.06  | 8212.59        | 15542.05       |
| UA4088 NZ/AUS | 35   | 25   | 1.4 |   | 3   | 1.6 |    | 0.418 | 114.85 | 15384.61       | 25912.46       |
| UA6626 AUS    | 38   | 25   | 1.5 |   | 3   | 1.5 |    | 0.47  | 120.85 | 17558.71       | 33683.56       |
| UA4981 NZ     | 38   | 25   | 1.6 |   | 1   |     |    | 0.514 | 124.28 | 19305.09       | 37452.05       |
| UA6148 NZ     | 38   | 25   | 1.8 |   | 2.5 | 0.7 |    | 0.564 | 121.71 | 20665.37       | 40017.88       |
| UA3619 NZ     | 38   | 25   | 2   |   | 1   |     |    | 0.635 | 124.28 | 23110.26       | 45231.99       |
| UA5051 NZ     | 40   | 14.9 | 3   |   | 2.5 | 0.5 |    | 0.778 | 105.51 | 8777.14        | 48348.38       |
| UA1988 NZ/AUS | 40   | 20   | 1.6 |   |     |     |    | 0.491 | 119.48 | 12118.04       | 36865.53       |
| UA5489 NZ     | 40   | 20   | 1.6 |   | 1.8 |     |    | 0.483 | 116.91 | 11874.5        | 35853.65       |
| UA8905 AUS    | 40   | 20   | 2   |   | 2   | 0.5 |    | 0.596 | 116.57 | 14078.17       | 43214.08       |
| UA2811 NZ     | 40   | 20   | 3   |   |     |     |    | 0.875 | 119.48 | 18884.38       | 60781.3        |
| UA3361 NZ     | 40   | 25   | 1.6 |   |     |     |    | 0.534 | 129.48 | 20300.01       | 42767.18       |
| UA1979 NZ     | 40   | 25   | 2   |   |     |     |    | 0.659 | 129.48 | 24288.39       | 51654.64       |
| UA5718 AUS    | 40   | 25   | 2.5 |   | 0.5 | 0.5 |    | 0.81  | 129.14 | 28738.05       | 61855          |
| UA2944 NZ     | 40   | 25   | 3   |   |     |     |    | 0.956 | 129.48 | 32637.56       | 71071.3        |
| UA2423 NZ     | 40   | 30   | 1.8 |   |     |     |    | 0.645 | 139.48 | 34170.22       | 53866.51       |
| UA2806 NZ     | 40   | 30   | 2.5 |   |     |     |    | 0.877 | 139.48 | 44409.86       | 70646.39       |
| UA6451 NZ     | 44   | 22   | 3   |   | 5   | 2   |    | 0.923 | 123.42 | 24153.35       | 74812.63       |
| UA5361 NZ     | 45   | 30   | 2   |   | 3   | 1   |    | 0.748 | 144.85 | 39749.95       | 75152.56       |
| UA4806 NZ     | 46.5 | 25.4 | 1.6 |   | 1   | 0.8 |    | 0.593 | 142.08 | 23952.81       | 62429.5        |
| UA4772 NZ/AUS | 50   | 25   | 1.6 |   | 1.6 |     |    | 0.614 | 147.25 | 24375.05       | 72867.8        |
| UA1197 NZ/AUS | 50   | 25   | 2.5 |   |     |     |    | 0.945 | 149.48 | 35092.22       | 108493.64      |
| UA5909 NZ/AUS | 50   | 25   | 2.5 |   | 3   | 0.5 |    | 0.925 | 144.85 | 34041.53       | 104073.63      |
| UA2945 NZ/AUS | 50   | 25   | 3   |   |     |     |    | 1.118 | 149.48 | 39942.56       | 125493.97      |
| UA4635 NZ/AUS | 50   | 25   | 3   |   | 4   | 1   |    | 1.083 | 143.13 | 38170.48       | 117959.91      |
| UA3067 NZ     | 50   | 25   | 5   |   | 4   | 4   |    | 1.755 | 143.13 | 52603.43       | 177449.11      |
| UA2654 NZ     | 50   | 30   | 2   |   |     |     |    | 0.821 | 159.48 | 45108.11       | 101557.31      |
| UA2461 NZ     | 50   | 38   | 2   |   | 3   | 1   |    | 0.889 | 170.85 | 75611.48       | 115917.75      |
| UA2767 NZ     | 50   | 40   | 2   |   | 6   | 6.4 |    | 0.94  | 169.7  | 86724.58       | 123730.87      |
| UA1200 NZ/AUS | 50   | 40   | 3   |   |     |     |    | 1.361 | 179.48 | 122543.46      | 175301.14      |
| UA4721 NZ     | 50   | 40   | 3   |   | 10  | 7   |    | 1.243 | 162.83 | 105250.36      | 148158.02      |
| UA2810 NZ     | 50   | 40   | 4   |   |     |     |    | 1.771 | 179.48 | 151947.97      | 219050.64      |
| UA10004 AUS   | 51.2 | 11.5 | 1.5 |   | 2   |     |    | 0.474 | 121.97 | 3925.28        | 47133.14       |
| UA3066 NZ     | 60   | 25   | 5   |   | 4   | 4   |    | 2.025 | 163.13 | 62811.76       | 290095.72      |
| UA3069 NZ/AUS | 60   | 35   | 5   |   | 4   | 4   |    | 2.295 | 183.13 | 147333.37      | 365929.06      |
| UA3344 NZ/AUS | 60   | 40   | 3   |   |     |     |    | 1.523 | 199.48 | 143101.3       | 273782.78      |
| UA10085 AUS   | 62   | 50   | 1.6 |   | 0.5 | 0.5 |    | 0.94  | 223.14 | 143550.95      | 200152.53      |
| UA6506 AUS    | 65   | 16   | 1.2 |   | 3   | 1.8 |    | 0.496 | 156.85 | 8761.01        | 82969.58       |
| UA6507 AUS    | 65   | 16   | 1.4 |   | 3   | 1.6 |    | 0.576 | 156.85 | 9933.48        | 95708.08       |
| UA3786 NZ     | 65   | 30   | 2.5 |   |     |     |    | 1.215 | 189.48 | 68107.77       | 236481.23      |
| UA5169 NZ     | 65   | 50   | 2.5 |   | 4   | 1.5 |    | 1.453 | 223.13 | 214418.17      | 322242.52      |
| UA2486 NZ     | 65   | 50   | 3   |   | 0.5 | 1   |    | 1.768 | 229.14 | 258536.17      | 391725.17      |

## RECTANGULAR HOLLOW



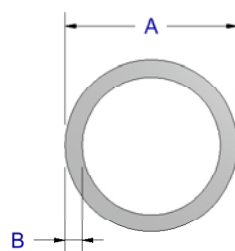
| Die No.       | A    | B    | C   | D | R1   | R2   | R3 | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------------|------|------|-----|---|------|------|----|-------|--------|----------------|----------------|
| UA8049 AUS    | 70   | 30   | 3   |   | 1.4  |      |    | 1.519 | 197.6  | 83428.43       | 331327.37      |
| UA4849 NZ     | 75   | 25   | 1.6 |   |      |      |    | 0.836 | 199.48 | 35655.59       | 206365.67      |
| UA7117 NZ     | 75   | 25   | 2.2 |   | 1    |      |    | 1.133 | 198.28 | 46095.83       | 273625.6       |
| UA1537 NZ     | 75   | 40   | 2   |   |      |      |    | 1.199 | 229.48 | 123921.3       | 332408.75      |
| UA7714 NZ     | 75   | 40   | 3   |   | 3    | 0.5  |    | 1.746 | 224.85 | 171174.11      | 465246.42      |
| UA1204 NZ     | 75   | 40   | 6   |   |      |      |    | 3.337 | 229.48 | 284721.3       | 822698.75      |
| UA1536 NZ     | 75   | 45   | 2   |   |      |      |    | 1.253 | 239.48 | 161709.79      | 359060.41      |
| UA5362 NZ     | 75   | 45   | 3   |   | 6    | 0.5  |    | 1.764 | 229.7  | 214652.3       | 474185.49      |
| UA5216 NZ     | 75   | 50   | 2.5 |   | 4    | 1.5  |    | 1.588 | 243.13 | 242647.33      | 455471.06      |
| UA2946 NZ/AUS | 75   | 50   | 3   |   |      |      |    | 1.928 | 249.48 | 291393.97      | 553171.25      |
| UA4833 NZ/AUS | 75   | 50   | 3   |   | 4.45 | 6.3  |    | 1.974 | 242.36 | 296129.5       | 567972.71      |
| UA2106 NZ     | 75   | 50   | 4   |   | 2    | 0.8  |    | 2.519 | 246.57 | 365759.69      | 701037.33      |
| UA3045 NZ     | 75   | 50   | 6   |   | 0.5  |      |    | 3.661 | 249.14 | 493039.07      | 965697.01      |
| UA8845 AUS    | 75   | 50   | 6   |   | 4    | 4    |    | 3.661 | 243.13 | 489693.34      | 960458.17      |
| UA7169 NZ     | 76   | 38   | 3   |   | 0.5  | 0.5  |    | 1.75  | 227.14 | 156353.61      | 475377.15      |
| UA7168 NZ     | 76   | 38   | 6   |   | 2    |      |    | 3.296 | 224.57 | 252601.58      | 817269.25      |
| UA5860 AUS    | 76.2 | 25.4 | 2.4 |   | 0.5  | 0.5  |    | 1.255 | 202.34 | 52032.32       | 311625.86      |
| UA5719 AUS    | 80   | 40   | 3   |   | 0.5  | 0.5  |    | 1.847 | 239.14 | 184268.32      | 558482.57      |
| UA5242 NZ     | 80   | 40   | 3   |   | 2.5  | 2.5  |    | 1.847 | 235.71 | 183714.46      | 557310.65      |
| UA3585 NZ     | 80   | 40   | 4   |   |      |      |    | 2.419 | 239.48 | 230027.97      | 711215.47      |
| UA5304 AUS    | 80   | 40   | 4   |   | 6    | 4.7  |    | 2.387 | 229.7  | 223512.55      | 688290.41      |
| UA2975 NZ     | 80   | 40   | 6   |   |      |      |    | 3.499 | 239.48 | 302241.3       | 972868.8       |
| UA5724 AUS    | 80   | 50   | 3   |   | 0.5  | 0.5  |    | 2.009 | 259.14 | 308001.88      | 647462.57      |
| UA6837 NZ     | 80   | 50   | 3   |   | 0.8  |      |    | 2.007 | 258.63 | 307693.52      | 646640.81      |
| UA3299 NZ     | 80   | 50   | 3   |   | 4    | 1    |    | 1.974 | 253.13 | 300449.91      | 627660.84      |
| UA3586 NZ     | 80   | 60   | 4   |   |      |      |    | 2.851 | 279.48 | 596282.78      | 942468.8       |
| UA5549 AUS    | 96   | 43   | 3   |   | 21.5 | 18.5 |    | 1.876 | 241.09 | 203260.84      | 669879.85      |
| UA1198 NZ     | 100  | 25   | 2   |   |      |      |    | 1.307 | 249.48 | 56108.39       | 534852.71      |
| UA7672 NZ     | 100  | 25   | 2   |   | 1    |      |    | 1.304 | 248.28 | 55990.93       | 532918.42      |
| UA5720 NZ/AUS | 100  | 25   | 2.5 |   | 0.5  | 0.5  |    | 1.62  | 249.14 | 66863.05       | 654322.81      |
| UA1201 NZ     | 100  | 45   | 3   |   |      |      |    | 2.252 | 289.48 | 294670.62      | 1050409.38     |
| UA2357 NZ     | 100  | 45   | 4   |   |      |      |    | 2.959 | 289.48 | 370996.45      | 1348852.71     |
| UA6465 AUS    | 100  | 50   | 1.6 |   |      |      |    | 1.268 | 299.31 | 214722.03      | 628871.52      |
| UA3546 NZ/AUS | 100  | 50   | 2   |   |      |      |    | 1.577 | 299.48 | 262930.64      | 774986.04      |
| UA1202 NZ/AUS | 100  | 50   | 3   |   |      |      |    | 2.333 | 299.48 | 374343.97      | 1120999.38     |
| UA4477 NZ/AUS | 100  | 50   | 3   |   | 4.6  | 1.6  |    | 2.29  | 292.1  | 364969.56      | 1082396.87     |
| UA4743 NZ     | 100  | 50   | 3.5 |   | 6    | 2.5  |    | 2.634 | 289.7  | 410503.45      | 1222502.53     |
| UA2807 NZ     | 100  | 50   | 4   |   |      |      |    | 3.067 | 299.48 | 473610.64      | 1441066.04     |
| UA4631 NZ     | 100  | 50   | 4   |   | 6    | 2    |    | 2.993 | 289.7  | 457771.65      | 1375174.59     |
| UA1923 NZ/AUS | 100  | 50   | 6   |   | 4.6  |      |    | 4.422 | 292.1  | 628820.04      | 1965095.89     |
| UA5029 NZ     | 100  | 50   | 8   |   | 6    | 2    |    | 5.715 | 289.7  | 750142.01      | 2420058.22     |
| UA3300 NZ     | 100  | 75   | 2.5 |   | 4    | 1.5  |    | 2.263 | 343.13 | 784116.89      | 1219814.64     |
| UA1203 NZ     | 100  | 75   | 3   |   |      |      |    | 2.738 | 349.48 | 942196.25      | 1473949.38     |

## RECTANGULAR HOLLOW



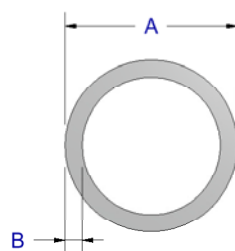
| Die No. |        | A     | B    | C   | D | R1  | R2  | R3 | W     | P      | $I_x$      | $I_y$      |
|---------|--------|-------|------|-----|---|-----|-----|----|-------|--------|------------|------------|
| UA3419  | NZ     | 120   | 60   | 3   |   |     |     |    | 2.819 | 359.48 | 664022.78  | 1972774.5  |
| UA5348  | AUS    | 122   | 72   | 6   |   | 16  | 10  |    | 5.535 | 360.53 | 1648133.25 | 3752726.99 |
| UA1199  | NZ     | 125   | 50   | 3   |   |     |     |    | 2.738 | 349.48 | 457293.97  | 1958803.36 |
| UA4628  | NZ     | 125   | 50   | 4   |   | 6   | 2   |    | 3.533 | 339.7  | 563838.32  | 2428316.62 |
| UA4629  | NZ     | 125   | 50   | 6   |   | 8   | 2   |    | 5.142 | 336.27 | 756827.64  | 3377006.36 |
| UA6444  | AUS    | 125   | 65   | 4.2 |   | 12  | 7.8 |    | 3.926 | 359.4  | 1025242.23 | 2826584.97 |
| UA4707  | AUS    | 150   | 50   | 3   |   |     |     |    | 3.143 | 399.48 | 540243.97  | 3113458.21 |
| UA8443  | AUS    | 150   | 50   | 3   |   | 1   | 2   |    | 3.15  | 398.28 | 541360.56  | 3126672.36 |
| UA4316  | NZ/AUS | 150   | 50   | 3   |   | 5   | 2   |    | 3.094 | 391.42 | 529627.69  | 3014308.19 |
| UA2030  | NZ     | 150   | 50   | 4   |   |     |     |    | 4.147 | 399.48 | 685743.97  | 4040558.21 |
| UA3660  | NZ     | 150   | 50   | 5   |   | 10  | 5   |    | 4.956 | 382.83 | 778710.82  | 4562855.28 |
| UA4630  | NZ     | 150   | 50   | 6   |   | 8   | 2   |    | 5.952 | 386.27 | 902927.64  | 5461808.99 |
| UA6282  | AUS    | 150   | 80   | 5   |   | 8   | 3   |    | 5.813 | 446.27 | 2327094.54 | 6235870.23 |
| UA4977  | NZ/AUS | 152   | 76   | 6.4 |   | 6   | 3.6 |    | 7.384 | 445.7  | 2601090.81 | 7916413.25 |
| UA5453  | NZ     | 152.4 | 76.2 | 4   |   | 4.5 | 0.5 |    | 4.719 | 449.47 | 1778292.01 | 5267158.06 |
| UA10028 | AUS    | 170   | 90   | 5   |   | 10  | 5   |    | 6.576 | 502.83 | 3375996.93 | 9086055.84 |
| UA6464  | AUS    | 200   | 50   | 3   |   |     |     |    | 3.952 | 499.31 | 706106.77  | 6560221    |
| UA6250  | NZ     | 200   | 50   | 3.5 |   | 1.5 |     |    | 4.587 | 497.42 | 803420.6   | 7553360.64 |

## EXTRUDED ROUND TUBE



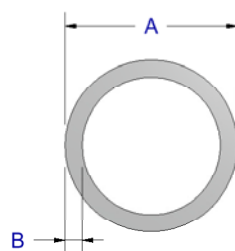
| Die No. | A       | B     | C    | D | R1 | R2 | R3 | W     | P     | I <sub>x</sub> | I <sub>y</sub> |
|---------|---------|-------|------|---|----|----|----|-------|-------|----------------|----------------|
| UA1924  | NZ/AUS  | 6.35  | 1.42 |   |    |    |    | 0.059 | 19.95 | 72.36          | 72.36          |
| UA1542  | NZ/AUS^ | 7.94  | 1.42 |   |    |    |    | 0.079 | 24.94 | 161.89         | 161.89         |
| UA1966  | NZ/AUS  | 9.53  | 0.9  |   |    |    |    | 0.066 | 29.94 | 229.63         | 229.63         |
| UA1737  | NZ/AUS^ | 9.53  | 1.2  |   |    |    |    | 0.085 | 29.94 | 260.63         | 260.63         |
| UA1229  | NZ/AUS^ | 9.53  | 1.45 |   |    |    |    | 0.099 | 29.94 | 310.05         | 310.05         |
| UA1927  | NZ/AUS  | 9.53  | 1.6  |   |    |    |    | 0.108 | 29.94 | 326.08         | 326.08         |
| UA2028  | NZ/AUS  | 12.7  | 0.9  |   |    |    |    | 0.09  | 39.9  | 584.07         | 584.07         |
| UA3464  | NZ/AUS^ | 12.7  | 1.2  |   |    |    |    | 0.117 | 39.9  | 724.5          | 724.5          |
| UA1230  | NZ/AUS^ | 12.7  | 1.45 |   |    |    |    | 0.138 | 39.9  | 824.22         | 824.22         |
| UA4153  | NZ      | 12.7  | 2.2  |   |    |    |    | 0.196 | 39.9  | 1044.02        | 1044.02        |
| UA5105  | NZ      | 15.5  | 1.42 |   |    |    |    | 0.17  | 48.69 | 1572.36        | 1572.36        |
| UA2815  | NZ      | 15.85 | 1.5  |   |    |    |    | 0.183 | 49.79 | 1759.65        | 1759.65        |
| UA3141  | NZ      | 15.88 | 1.22 |   |    |    |    | 0.152 | 49.89 | 1519.91        | 1519.91        |
| UA1231  | NZ      | 15.9  | 1.45 |   |    |    |    | 0.178 | 49.95 | 1735.33        | 1735.33        |
| UA2001  | NZ      | 16    | 1.2  |   |    |    |    | 0.151 | 50.27 | 1537.7         | 1537.7         |
| UA2722  | NZ/AUS  | 16    | 1.6  |   |    |    |    | 0.195 | 50.27 | 1899.31        | 1899.31        |
| UA1657  | NZ      | 16    | 2.5  |   |    |    |    | 0.286 | 50.27 | 2498.3         | 2498.3         |
| UA1916  | NZ      | 19.05 | 1.22 |   |    |    |    | 0.185 | 59.85 | 2728.36        | 2728.36        |
| UA8163  | AUS     | 19.05 | 1.6  |   |    |    |    | 0.237 | 59.85 | 3366.68        | 3366.68        |
| UA1928  | NZ      | 19.05 | 2    |   |    |    |    | 0.289 | 59.85 | 3946.37        | 3946.37        |
| UA1232  | NZ      | 19.1  | 1.45 |   |    |    |    | 0.217 | 60    | 3151.98        | 3151.98        |
| UA1225  | NZ      | 20    | 1.2  |   |    |    |    | 0.191 | 62.83 | 3143.99        | 3143.99        |
| UA1968  | NZ/AUS  | 20    | 1.6  |   |    |    |    | 0.25  | 62.83 | 3943.71        | 3943.71        |
| UA7803  | NZ      | 20    | 2    |   |    |    |    | 0.305 | 62.83 | 4636.99        | 4636.99        |
| UA4121  | NZ      | 20    | 3    |   |    |    |    | 0.433 | 62.83 | 5968.24        | 5968.24        |
| UA3934  | NZ      | 20.5  | 1.95 |   |    |    |    | 0.307 | 64.4  | 4941.96        | 4941.96        |
| UA3538  | NZ      | 21    | 3.5  |   |    |    |    | 0.52  | 65.97 | 7660.82        | 7660.82        |
| UA2740  | NZ      | 21    | 4    |   |    |    |    | 0.577 | 65.97 | 8144.58        | 8144.58        |
| UA1226  | NZ      | 22    | 1.2  |   |    |    |    | 0.212 | 69.12 | 4254.75        | 4254.75        |
| UA1233  | NZ      | 22.2  | 1.45 |   |    |    |    | 0.255 | 69.74 | 5112.08        | 5112.08        |
| UA6432  | NZ      | 22.5  | 2    |   |    |    |    | 0.348 | 70.69 | 6830.71        | 6830.71        |
| UA2783  | NZ      | 24    | 1.5  |   |    |    |    | 0.286 | 75.4  | 6739.45        | 6739.45        |
| UA1227  | NZ      | 25    | 1.2  |   |    |    |    | 0.242 | 78.54 | 6369.05        | 6369.05        |
| UA1969  | NZ/AUS  | 25    | 1.6  |   |    |    |    | 0.318 | 78.54 | 8088.22        | 8088.22        |
| UA1245  | NZ      | 25    | 2    |   |    |    |    | 0.39  | 78.54 | 9628.2         | 9628.2         |
| UA1248  | NZ/AUS  | 25    | 3    |   |    |    |    | 0.56  | 78.54 | 12777.64       | 12777.64       |
| UA2027  | NZ      | 25.4  | 1.2  |   |    |    |    | 0.246 | 79.8  | 6695.05        | 6695.05        |
| UA1234  | NZ      | 25.4  | 1.45 |   |    |    |    | 0.295 | 79.8  | 7851.15        | 7851.15        |
| UA3942  | NZ      | 25.4  | 2    |   |    |    |    | 0.397 | 79.8  | 10136.74       | 10136.74       |
| UA5840  | NZ      | 25.4  | 3    |   |    |    |    | 0.57  | 79.8  | 13478.64       | 13478.64       |
| UA4870  | NZ      | 26.5  | 1.4  |   |    |    |    | 0.298 | 83.25 | 8720.84        | 8720.84        |
| UA1235  | NZ      | 28.58 | 1.45 |   |    |    |    | 0.334 | 89.79 | 11402.92       | 11402.92       |
| UA2220  | NZ      | 29    | 1.7  |   |    |    |    | 0.394 | 91.11 | 13635.7        | 13635.7        |

## EXTRUDED ROUND TUBE



| Die No. | A      | B     | C    | D | R1 | R2 | R3 | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------|--------|-------|------|---|----|----|----|-------|--------|----------------|----------------|
| UA1243  | NZ     | 30    | 1.6  |   |    |    |    | 0.385 | 94.25  | 14438.14       | 14438.14       |
| UA1249  | NZ     | 30    | 3    |   |    |    |    | 0.687 | 94.25  | 23474.77       | 23474.77       |
| UA3453  | NZ     | 31    | 3    |   |    |    |    | 0.713 | 97.39  | 26158.47       | 26158.47       |
| UA2465  | NZ     | 31    | 5    |   |    |    |    | 1.103 | 97.39  | 35786.67       | 35786.67       |
| UA1236  | NZ     | 31.75 | 1.45 |   |    |    |    | 0.373 | 99.75  | 15876.3        | 15876.3        |
| UA5642  | NZ     | 32    | 1.2  |   |    |    |    | 0.314 | 100.53 | 13789.61       | 13789.61       |
| UA2942  | NZ     | 32    | 1.6  |   |    |    |    | 0.413 | 100.53 | 17701.17       | 17701.17       |
| UA2268  | NZ     | 32    | 2    |   |    |    |    | 0.509 | 100.53 | 21300          | 21300          |
| UA2786  | NZ     | 32    | 3    |   |    |    |    | 0.738 | 100.53 | 29040.1        | 29040.1        |
| UA4174  | NZ     | 32.2  | 3.2  |   |    |    |    | 0.787 | 101.16 | 31021.29       | 31021.29       |
| UA3892  | NZ     | 34    | 4.5  |   |    |    |    | 1.126 | 106.81 | 46422.48       | 46422.48       |
| UA1237  | NZ     | 34.9  | 1.45 |   |    |    |    | 0.411 | 109.64 | 21351.66       | 21351.66       |
| UA2379  | NZ     | 37    | 3    |   |    |    |    | 0.865 | 116.24 | 46664.43       | 46664.43       |
| UA2739  | NZ     | 37    | 5    |   |    |    |    | 1.357 | 116.24 | 65910.61       | 65910.61       |
| UA2758  | NZ     | 38    | 3    |   |    |    |    | 0.891 | 119.38 | 50882.02       | 50882.02       |
| UA3519  | NZ     | 38    | 6    |   |    |    |    | 1.629 | 119.38 | 79922.12       | 79922.12       |
| UA1238  | NZ     | 38.1  | 1.45 |   |    |    |    | 0.451 | 119.69 | 28075.6        | 28075.6        |
| UA5438  | NZ/AUS | 38.1  | 2    |   |    |    |    | 0.612 | 119.69 | 37063.16       | 37063.16       |
| UA2210  | NZ/AUS | 38.1  | 3.25 |   |    |    |    | 0.961 | 119.69 | 54489.43       | 54489.43       |
| UA4997  | NZ     | 38.1  | 4.8  |   |    |    |    | 1.356 | 119.69 | 71050.14       | 71050.14       |
| UA8005  | AUS    | 40    | 1.6  |   |    |    |    | 0.521 | 125.66 | 35639.11       | 35639.11       |
| UA6157  | NZ     | 40    | 2    |   |    |    |    | 0.645 | 125.66 | 43215.75       | 43215.75       |
| UA1250  | NZ/AUS | 40    | 3    |   |    |    |    | 0.942 | 125.66 | 60066.47       | 60066.47       |
| UA1239  | NZ     | 41.3  | 1.45 |   |    |    |    | 0.49  | 129.75 | 36081.74       | 36081.74       |
| UA1240  | NZ     | 44.45 | 1.45 |   |    |    |    | 0.529 | 139.64 | 45323.85       | 45323.85       |
| UA5265  | NZ/AUS | 44.45 | 3    |   |    |    |    | 1.055 | 139.64 | 84338.1        | 84338.1        |
| UA8880  | AUS    | 44.45 | 3.25 |   |    |    |    | 1.136 | 139.64 | 89810.88       | 89810.88       |
| UA1619  | NZ     | 45    | 3    |   |    |    |    | 1.069 | 141.37 | 87728.19       | 87728.19       |
| UA2898  | NZ     | 45    | 14.5 |   |    |    |    | 3.751 | 141.37 | 198071.97      | 198071.97      |
| UA8476  | AUS    | 46    | 3.5  |   |    |    |    | 1.262 | 144.51 | 106225.84      | 106225.84      |
| UA1241  | NZ     | 47.6  | 1.45 |   |    |    |    | 0.568 | 149.54 | 56023.66       | 56023.66       |
| UA4425  | NZ     | 48    | 6.5  |   |    |    |    | 2.288 | 150.8  | 186914.5       | 186914.5       |
| UA1256  | NZ/AUS | 48.4  | 4.5  |   |    |    |    | 1.676 | 152.05 | 151079.47      | 151079.47      |
| UA3019  | NZ     | 48.6  | 2.3  |   |    |    |    | 0.905 | 154.11 | 90112.1        | 90112.1        |
| UA4138  | NZ     | 48.6  | 3.35 |   |    |    |    | 1.285 | 153.67 | 122450.93      | 122450.93      |
| UA4122  | NZ     | 48.6  | 3.45 |   |    |    |    | 1.321 | 152.68 | 125423.99      | 125423.99      |
| UA2950  | NZ     | 50    | 1.6  |   |    |    |    | 0.657 | 157.08 | 71316.55       | 71316.55       |
| UA1246  | NZ/AUS | 50    | 1.93 |   |    |    |    | 0.785 | 157.08 | 84128.72       | 84128.72       |
| UA1251  | NZ/AUS | 50    | 3    |   |    |    |    | 1.196 | 157.08 | 122811.93      | 122811.93      |
| UA5937  | NZ/AUS | 50    | 4    |   |    |    |    | 1.561 | 157.08 | 154051.14      | 154051.14      |
| UA2760  | NZ     | 50    | 6    |   |    |    |    | 2.239 | 157.08 | 204442.28      | 204442.28      |
| UA8799  | AUS    | 50    | 8    |   |    |    |    | 2.85  | 157.08 | 241198.92      | 241198.92      |
| UA3379  | NZ     | 50.5  | 3    |   |    |    |    | 1.209 | 158.65 | 126762.53      | 126762.53      |

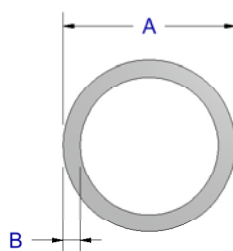
## EXTRUDED ROUND TUBE



| Die No. | A      | B     | C     | D | R1 | R2 | R3 | W     | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------|--------|-------|-------|---|----|----|----|-------|--------|----------------|----------------|
| UA1242  | NZ     | 50.8  | 1.45  |   |    |    |    | 0.607 | 159.59 | 68495.83       | 68495.83       |
| UA1768  | NZ     | 50.8  | 1.63  |   |    |    |    | 0.68  | 159.59 | 76177.22       | 76177.22       |
| UA4578  | NZ     | 50.8  | 1.68  |   |    |    |    | 0.7   | 159.59 | 78280.21       | 78280.21       |
| UA6920  | NZ     | 50.8  | 2     |   |    |    |    | 0.828 | 159.59 | 91427.79       | 91427.79       |
| UA4701  | NZ     | 50.8  | 2.2   |   |    |    |    | 0.907 | 159.59 | 99375.74       | 99375.74       |
| UA1769  | NZ     | 50.8  | 2.64  |   |    |    |    | 1.078 | 159.59 | 116151.9       | 116151.9       |
| UA4544  | NZ     | 52    | 14    |   |    |    |    | 4.513 | 163.36 | 342622.09      | 342622.09      |
| UA5171  | NZ     | 57.2  | 2     |   |    |    |    | 0.936 | 179.7  | 132274.72      | 132274.72      |
| UA4579  | NZ     | 57.64 | 1.85  |   |    |    |    | 0.875 | 181.08 | 126292.62      | 126292.62      |
| UA3569  | AUS    | 60    | 2     |   |    |    |    | 0.984 | 188.5  | 153422.82      | 153422.82      |
| UA5939  | NZ     | 60    | 4     |   |    |    |    | 1.9   | 188.5  | 277264.4       | 277264.4       |
| UA5940  | AUS    | 60    | 5     |   |    |    |    | 2.333 | 188.5  | 329376.35      | 329376.35      |
| UA4580  | NZ     | 60.94 | 1.85  |   |    |    |    | 0.927 | 191.45 | 150037.24      | 150037.24      |
| UA4478  | NZ     | 61.5  | 13.75 |   |    |    |    | 5.569 | 193.21 | 636618.18      | 636618.18      |
| UA5172  | NZ     | 63.5  | 2     |   |    |    |    | 1.043 | 199.49 | 182883.4       | 182883.4       |
| UA5199  | NZ/AUS | 63.5  | 3     |   |    |    |    | 1.54  | 199.49 | 261525.37      | 261525.37      |
| UA6523  | AUS    | 63.5  | 3.25  |   |    |    |    | 1.661 | 199.49 | 279947.28      | 279947.28      |
| UA2666  | NZ     | 63.5  | 4.5   |   |    |    |    | 2.252 | 199.49 | 365045.95      | 365045.95      |
| UA1538  | NZ/AUS | 63.5  | 6.35  |   |    |    |    | 3.078 | 199.49 | 471206.37      | 471206.37      |
| UA5180  | NZ     | 63.5  | 10    |   |    |    |    | 4.538 | 199.49 | 622350.98      | 622350.98      |
| UA1244  | NZ     | 65    | 1.6   |   |    |    |    | 0.86  | 204.2  | 160222.74      | 160222.74      |
| UA1252  | NZ     | 65    | 3     |   |    |    |    | 1.578 | 204.2  | 281430.94      | 281430.94      |
| UA4708  | NZ     | 65    | 3.5   |   |    |    |    | 1.826 | 204.2  | 320743.31      | 320743.31      |
| UA1073  | NZ     | 65    | 5     |   |    |    |    | 2.545 | 204.2  | 427060.25      | 427060.25      |
| UA1228  | NZ     | 75    | 1.2   |   |    |    |    | 0.751 | 235.62 | 189463.27      | 189463.27      |
| UA1658  | NZ     | 75    | 1.6   |   |    |    |    | 0.996 | 235.62 | 248584.68      | 248584.68      |
| UA1253  | NZ     | 75    | 3     |   |    |    |    | 1.832 | 235.62 | 440485.85      | 440485.85      |
| UA2665  | NZ     | 75    | 4.5   |   |    |    |    | 2.691 | 235.62 | 621735.37      | 621735.37      |
| UA4826  | NZ     | 75    | 6     |   |    |    |    | 3.512 | 235.62 | 779883.88      | 779883.88      |
| UA5246  | AUS    | 75.6  | 1.7   |   |    |    |    | 1.066 | 237.5  | 269570.2       | 269570.2       |
| UA5200  | AUS    | 75.8  | 2.9   |   |    |    |    | 1.793 | 238.13 | 441903.25      | 441903.25      |
| UA5170  | NZ     | 76.2  | 2     |   |    |    |    | 1.259 | 239.39 | 321082.78      | 321082.78      |
| UA5989  | AUS    | 76.2  | 2.55  |   |    |    |    | 1.593 | 239.39 | 400533.3       | 400533.3       |
| UA8896  | AUS    | 76.2  | 3.5   |   |    |    |    | 2.158 | 239.39 | 529342.28      | 529342.28      |
| UA6522  | AUS    | 76.2  | 4.75  |   |    |    |    | 2.879 | 239.39 | 683400.63      | 683400.63      |
| UA4727  | NZ     | 76.2  | 8.1   |   |    |    |    | 4.679 | 239.39 | 1018796.19     | 1018796.19     |
| UA2772  | NZ/AUS | 80    | 2     |   |    |    |    | 1.323 | 251.33 | 372957.31      | 372957.31      |
| UA6492  | AUS    | 80    | 3     |   |    |    |    | 1.959 | 251.33 | 538656.69      | 538656.69      |
| UA5165  | NZ     | 80    | 8     |   |    |    |    | 4.886 | 251.33 | 1187069.63     | 1187069.63     |
| UA6292  | NZ     | 80    | 16    |   |    |    |    | 8.686 | 251.33 | 1750043.04     | 1750043.04     |
| UA8465  | AUS    | 80.3  | 2.3   |   |    |    |    | 1.522 | 252.27 | 428991.79      | 428991.79      |
| UA1680  | NZ     | 86    | 3     |   |    |    |    | 2.112 | 270.18 | 674500.73      | 674500.73      |
| UA5818  | NZ     | 86.2  | 4.5   |   |    |    |    | 3.119 | 270.81 | 966616.31      | 966616.31      |

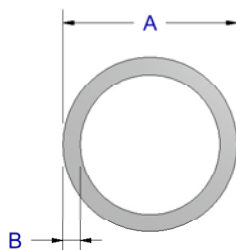
## EXTRUDED ROUND TUBE

Quality Aluminium Extruders



| Die No. |         | A     | B     | C | D | R1 | R2 | R3 | W      | P      | I <sub>x</sub> | I <sub>y</sub> |
|---------|---------|-------|-------|---|---|----|----|----|--------|--------|----------------|----------------|
| UA1254  | NZ      | 90    | 3     |   |   |    |    |    | 2.214  | 282.74 | 776703.02      | 776703.02      |
| UA1540  | NZ      | 100   | 1.6   |   |   |    |    |    | 1.335  | 314.16 | 598797.49      | 598797.49      |
| UA3216  | NZ      | 100   | 2     |   |   |    |    |    | 1.663  | 314.16 | 739518.34      | 739518.34      |
| UA1247  | NZ/AUS  | 100   | 3     |   |   |    |    |    | 2.468  | 314.16 | 1076246.03     | 1076246.03     |
| UA1255  | NZ      | 100   | 6     |   |   |    |    |    | 4.784  | 314.16 | 1964990.81     | 1964990.81     |
| UA5064  | NZ      | 100   | 12    |   |   |    |    |    | 8.957  | 314.16 | 3271076.54     | 3271076.54     |
| UA2245  | NZ      | 100   | 24.5  |   |   |    |    |    | 15.69  | 314.16 | 4576652.49     | 4576652.49     |
| UA3723  | NZ      | 101.6 | 1.2   |   |   |    |    |    | 1.022  | 319.19 | 476984.54      | 476984.54      |
| UA6709  | NZ      | 101.6 | 2     |   |   |    |    |    | 1.69   | 319.19 | 776323.94      | 776323.94      |
| UA6524  | AUS     | 101.6 | 6.35  |   |   |    |    |    | 5.13   | 319.19 | 2164484.52     | 2164484.52     |
| UA4780  | NZ/AUS  | 114.3 | 6.35  |   |   |    |    |    | 5.814  | 359.08 | 3147760.68     | 3147760.68     |
| UA1659  | NZ      | 125   | 3     |   |   |    |    |    | 3.105  | 392.7  | 2140539.08     | 2140539.08     |
| UA3724  | NZ      | 127   | 1.6   |   |   |    |    |    | 1.702  | 398.98 | 1239205.05     | 1239205.05     |
| UA5268  | AUS     | 127   | 4     |   |   |    |    |    | 4.173  | 398.98 | 2926134.38     | 2926134.38     |
| UA5444  | NZ      | 127   | 8     |   |   |    |    |    | 8.075  | 398.98 | 5318009.5      | 5318009.5      |
| UA5945  | NZ/AUS^ | 127   | 19.05 |   |   |    |    |    | 17.443 | 398.98 | 9703786.37     | 9703786.37     |
| UA8031  | AUS     | 127.3 | 4.1   |   |   |    |    |    | 4.285  | 399.92 | 3014092.55     | 3014092.55     |
| UA3722  | NZ      | 150   | 3.2   |   |   |    |    |    | 3.985  | 471.24 | 3977354.9      | 3977354.9      |
| UA6084  | NZ/AUS  | 152.4 | 5     |   |   |    |    |    | 6.251  | 478.78 | 6295377.48     | 6295377.48     |
| UA7223  | NZ/AUS^ | 152.4 | 15.88 |   |   |    |    |    | 18.384 | 478.78 | 16078400.81    | 16078400.81    |
| UA4789  | NZ/AUS  | 162   | 4     |   |   |    |    |    | 5.361  | 508.94 | 6199681.77     | 6199681.77     |
| UA7102  | NZ/AUS^ | 177.8 | 6.35  |   |   |    |    |    | 9.235  | 558.58 | 12584657.81    | 12584657.81    |
| UA7103  | NZ/AUS^ | 177.8 | 25.4  |   |   |    |    |    | 32.835 | 558.58 | 36286721.09    | 36286721.09    |
| UA7104  | NZ/AUS^ | 203.2 | 3.18  |   |   |    |    |    | 5.395  | 638.37 | 9995787.91     | 9995787.91     |
| UA3822  | NZ/AUS^ | 203.2 | 6.35  |   |   |    |    |    | 10.603 | 638.37 | 19041078.91    | 19041078.91    |

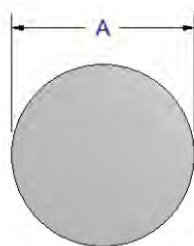
## DRAWN ROUND TUBE



| Die No.        | A     | B    | C | D | R1 | R2 | R3 | W     | P      | $I_x$    | $I_y$    |
|----------------|-------|------|---|---|----|----|----|-------|--------|----------|----------|
| UA7320 NZ/AUS^ | 9.53  | 1.42 |   |   |    |    |    | 0.098 | 29.94  | 306.57   | 306.57   |
| UA7330 NZ/AUS^ | 12.7  | 1.42 |   |   |    |    |    | 0.136 | 39.9   | 813.03   | 813.03   |
| UA7340 NZ/AUS^ | 15.88 | 1.42 |   |   |    |    |    | 0.174 | 49.89  | 1702.24  | 1702.24  |
| UA7350 NZ/AUS^ | 19.05 | 1.42 |   |   |    |    |    | 0.212 | 59.85  | 3075.48  | 3075.48  |
| UA7360 NZ/AUS^ | 22.23 | 1.42 |   |   |    |    |    | 0.251 | 69.84  | 5048.73  | 5048.73  |
| UA7370 NZ/AUS^ | 25.4  | 1.42 |   |   |    |    |    | 0.289 | 79.8   | 7716.42  | 7716.42  |
| UA7380 NZ/AUS^ | 28.58 | 1.42 |   |   |    |    |    | 0.327 | 89.79  | 11202.71 | 11202.71 |
| UA7390 NZ/AUS^ | 31.75 | 1.42 |   |   |    |    |    | 0.365 | 99.75  | 15592.52 | 15592.52 |
| UA7410 NZ/AUS^ | 34.93 | 1.42 |   |   |    |    |    | 0.404 | 109.74 | 21020.87 | 21020.87 |
| UA7420 NZ/AUS^ | 38.1  | 1.42 |   |   |    |    |    | 0.442 | 119.69 | 27560.47 | 27560.47 |
| UA7430 NZ/AUS^ | 41.28 | 1.42 |   |   |    |    |    | 0.48  | 129.68 | 35359.89 | 35359.89 |
| UA7435 NZ/AUS^ | 44.45 | 1.42 |   |   |    |    |    | 0.518 | 139.64 | 44476.95 | 44476.95 |
| UA7440 NZ/AUS^ | 47.63 | 1.42 |   |   |    |    |    | 0.557 | 149.63 | 55076.46 | 55076.46 |
| UA7450 NZ/AUS^ | 50.8  | 1.42 |   |   |    |    |    | 0.595 | 159.59 | 67198.64 | 67198.64 |

## SOLID ROUND

Quality Aluminium Extruders



| Die No.        | A     | B | C | D | R1 | R2 | R3 | W      | P      | $I_x$       | $I_y$       |
|----------------|-------|---|---|---|----|----|----|--------|--------|-------------|-------------|
| UA1271 NZ/AUS^ | 4.76  |   |   |   |    |    |    | 0.048  | 14.95  | 25.2        | 25.2        |
| UA1270 NZ/AUS^ | 6.35  |   |   |   |    |    |    | 0.086  | 19.95  | 79.81       | 79.81       |
| UA1269 NZ/AUS^ | 7.94  |   |   |   |    |    |    | 0.134  | 24.94  | 195.1       | 195.1       |
| UA1258 NZ      | 9.5   |   |   |   |    |    |    | 0.191  | 29.85  | 399.82      | 399.82      |
| UA1259 NZ      | 12.7  |   |   |   |    |    |    | 0.342  | 39.9   | 1276.98     | 1276.98     |
| UA3321 NZ      | 14.5  |   |   |   |    |    |    | 0.446  | 45.55  | 2169.91     | 2169.91     |
| UA1260 NZ/AUS  | 15.88 |   |   |   |    |    |    | 0.535  | 49.89  | 3121.56     | 3121.56     |
| UA3939 NZ      | 18    |   |   |   |    |    |    | 0.687  | 56.55  | 5153        | 5153        |
| UA1261 NZ      | 19.05 |   |   |   |    |    |    | 0.77   | 59.85  | 6464.72     | 6464.72     |
| UA2038 NZ      | 20    |   |   |   |    |    |    | 0.848  | 62.83  | 7853.98     | 7853.98     |
| UA8867 AUS     | 25    |   |   |   |    |    |    | 1.325  | 78.54  | 19174.76    | 19174.76    |
| UA1262 NZ      | 25.4  |   |   |   |    |    |    | 1.368  | 79.8   | 20431.71    | 20431.71    |
| UA6759 NZ      | 28    |   |   |   |    |    |    | 1.663  | 87.96  | 30171.86    | 30171.86    |
| UA1263 NZ      | 31.75 |   |   |   |    |    |    | 2.138  | 99.75  | 49882.11    | 49882.11    |
| UA1264 NZ      | 38.1  |   |   |   |    |    |    | 3.078  | 119.69 | 103435.54   | 103435.54   |
| UA2995 NZ      | 44.4  |   |   |   |    |    |    | 4.18   | 139.49 | 190766.35   | 190766.35   |
| UA3017 NZ      | 48    |   |   |   |    |    |    | 4.886  | 150.8  | 260576.26   | 260576.26   |
| UA8474 AUS     | 50    |   |   |   |    |    |    | 5.301  | 157.08 | 306796.16   | 306796.16   |
| UA1265 NZ      | 50.8  |   |   |   |    |    |    | 5.472  | 159.59 | 326907.4    | 326907.4    |
| UA1266 NZ      | 63.5  |   |   |   |    |    |    | 8.551  | 199.49 | 798113.76   | 798113.76   |
| UA1267 NZ      | 76.2  |   |   |   |    |    |    | 12.313 | 239.39 | 1654968.7   | 1654968.7   |
| UA1868 NZ      | 88.9  |   |   |   |    |    |    | 16.759 | 279.29 | 3066033.83  | 3066033.83  |
| UA1257 NZ      | 100   |   |   |   |    |    |    | 21.206 | 314.16 | 4908738.52  | 4908738.52  |
| UA1268 NZ      | 101.6 |   |   |   |    |    |    | 21.89  | 319.19 | 5230518.36  | 5230518.36  |
| UA7173 NZ/AUS^ | 127   |   |   |   |    |    |    | 34.203 | 398.98 | 12769820.2  | 12769820.2  |
| UA7174 NZ/AUS^ | 152.4 |   |   |   |    |    |    | 49.252 | 14.95  | 26479499.17 | 26479499.17 |
| UA7175 NZ/AUS^ | 177.8 |   |   |   |    |    |    | 67.037 | 558.58 | 49056541.29 | 49056541.29 |
| UA7176 NZ/AUS^ | 203.3 |   |   |   |    |    |    | 87.645 | 638.69 | 83853156.07 | 83853156.07 |

## SOLID SQUARE

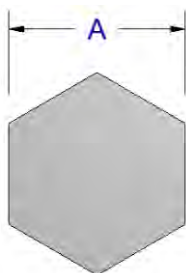
Quality Aluminium Extruders



| Die No.        | A     | B | C | D | R1 | R2 | R3 | W     | P      | $I_x$     | $I_y$     |
|----------------|-------|---|---|---|----|----|----|-------|--------|-----------|-----------|
| UA1279 NZ/AUS^ | 6.35  |   |   |   |    |    |    | 0.109 | 24.88  | 134.75    | 134.75    |
| UA1272 NZ      | 9.5   |   |   |   |    |    |    | 0.243 | 37.48  | 677.06    | 677.06    |
| UA1273 NZ      | 12.7  |   |   |   |    |    |    | 0.435 | 50.28  | 2164.82   | 2164.82   |
| UA1274 NZ      | 19.05 |   |   |   |    |    |    | 0.98  | 75.68  | 10967.94  | 10967.94  |
| UA1275 NZ      | 25.4  |   |   |   |    |    |    | 1.742 | 101.08 | 34673.62  | 34673.62  |
| UA1276 NZ      | 31.75 |   |   |   |    |    |    | 2.722 | 126.48 | 84663.19  | 84663.19  |
| UA1277 NZ      | 38.1  |   |   |   |    |    |    | 3.919 | 151.88 | 175569.79 | 175569.79 |
| UA1278 NZ      | 50.8  |   |   |   |    |    |    | 6.968 | 202.68 | 554925.65 | 554925.65 |

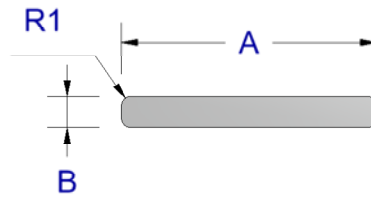
## SOLID HEXAGON

Quality Aluminium Extruders



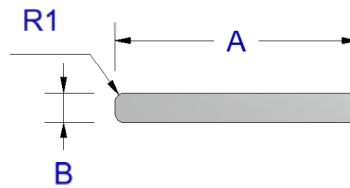
| Die No.   | A     | B | C | D | R1 | R2 | R3 | W     | P     | $I_x$  | $I_y$  |
|-----------|-------|---|---|---|----|----|----|-------|-------|--------|--------|
| UA1607 NZ | 11.11 |   |   |   |    |    |    | 0.289 | 38.49 | 915.68 | 915.68 |

## MACHINING FLAT BAR



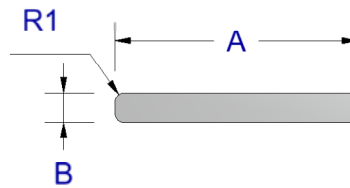
| Die No.        | A     | B     | C | D | R1 | R2 | R3 | W      | P      | $I_x$       | $I_y$       |
|----------------|-------|-------|---|---|----|----|----|--------|--------|-------------|-------------|
| UA6934 NZ/AUS^ | 50.8  | 19.05 |   |   |    |    |    | 2.613  | 139.01 | 29254.04    | 208027.72   |
| UA6935 NZ/AUS^ | 50.8  | 25.4  |   |   |    |    |    | 3.483  | 151.71 | 69350.06    | 277399.63   |
| UA6936 NZ/AUS^ | 63.5  | 31.75 |   |   |    |    |    | 5.443  | 189.81 | 169330.78   | 677322.33   |
| UA6937 NZ/AUS^ | 76.2  | 38.1  |   |   |    |    |    | 7.838  | 227.91 | 351145.89   | 1404582.62  |
| UA6939 NZ/AUS^ | 76.2  | 50.8  |   |   |    |    |    | 10.451 | 253.31 | 832374.86   | 1872842.98  |
| UA6943 NZ/AUS^ | 76.2  | 63.5  |   |   |    |    |    | 13.064 | 278.71 | 1625766.33  | 2341103.33  |
| UA6940 NZ/AUS^ | 88.9  | 50.8  |   |   |    |    |    | 12.193 | 278.71 | 971118.67   | 2974050.12  |
| UA6938 NZ/AUS^ | 101.6 | 38.1  |   |   |    |    |    | 10.451 | 278.71 | 468210.98   | 3329498.21  |
| UA6941 NZ/AUS^ | 101.6 | 50.8  |   |   |    |    |    | 13.935 | 304.11 | 1109862.48  | 4439448.68  |
| UA6944 NZ/AUS^ | 101.6 | 76.2  |   |   |    |    |    | 20.903 | 354.91 | 3745884.39  | 6659349.62  |
| UA6945 NZ/AUS^ | 114.3 | 76.2  |   |   |    |    |    | 23.516 | 380.31 | 4214144.75  | 9481824.98  |
| UA6946 NZ/AUS^ | 127   | 76.2  |   |   |    |    |    | 26.129 | 405.71 | 4682405.1   | 13006679.8  |
| UA6948 NZ/AUS^ | 127   | 101.6 |   |   |    |    |    | 34.838 | 456.51 | 11099151.49 | 17342423.81 |
| UA6942 NZ/AUS^ | 152.4 | 50.8  |   |   |    |    |    | 20.903 | 405.71 | 1664837.71  | 14983535.7  |
| UA6947 NZ/AUS^ | 152.4 | 76.2  |   |   |    |    |    | 31.354 | 456.51 | 5618925.81  | 22475701.36 |
| UA6949 NZ/AUS^ | 152.4 | 101.6 |   |   |    |    |    | 41.806 | 507.31 | 13319052.43 | 29967867.02 |

## FLAT BAR



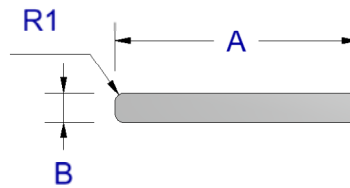
| Die No. | A       | B     | C    | D | R1   | R2 | R3 | W     | P      | $I_x$    | $I_y$    |
|---------|---------|-------|------|---|------|----|----|-------|--------|----------|----------|
| UA1165  | NZ/AUS^ | 10    | 2.3  |   |      |    |    | 0.062 | 24.08  | 10.05    | 189.79   |
| UA7106  | NZ/AUS^ | 11.7  | 2.2  |   |      |    |    | 0.069 | 27.37  | 10.32    | 291.83   |
| UA2029  | NZ/AUS^ | 12    | 1.6  |   |      |    |    | 0.052 | 26.68  | 4.05     | 227.68   |
| UA1170  | NZ/AUS^ | 12    | 3    |   |      |    |    | 0.097 | 29.48  | 26.84    | 429.28   |
| UA1921  | NZ/AUS^ | 12    | 3    |   | 1.5  |    |    | 0.092 | 27.42  | 24.23    | 369.86   |
| UA1179  | NZ      | 12    | 4.5  |   |      |    |    | 0.146 | 32.48  | 90.76    | 645.28   |
| UA1551  | NZ      | 12    | 6    |   |      |    |    | 0.194 | 35.48  | 215.34   | 861.28   |
| UA1171  | NZ      | 16    | 3    |   |      |    |    | 0.129 | 37.48  | 35.84    | 1019.14  |
| UA1004  | NZ/AUS  | 19    | 4.5  |   | 2.25 |    |    | 0.219 | 43.14  | 130.24   | 2219.55  |
| UA1508  | NZ      | 19.05 | 2.64 |   | 1.32 |    |    | 0.132 | 41.11  | 27.55    | 1393.41  |
| UA1151  | NZ/AUS^ | 20    | 1.6  |   |      |    |    | 0.086 | 42.68  | 6.78     | 1059.04  |
| UA1172  | NZ/AUS  | 20    | 3    |   |      |    |    | 0.162 | 45.48  | 44.84    | 1992.38  |
| UA2626  | NZ      | 20    | 4    |   |      |    |    | 0.216 | 47.48  | 106.38   | 2659.04  |
| UA1180  | NZ      | 20    | 4.5  |   |      |    |    | 0.243 | 48.48  | 151.51   | 2992.38  |
| UA1188  | NZ/AUS  | 20    | 6    |   |      |    |    | 0.324 | 51.48  | 359.34   | 3992.38  |
| UA1152  | NZ/AUS^ | 25    | 1.6  |   |      |    |    | 0.108 | 52.68  | 8.49     | 2071.39  |
| UA1173  | NZ/AUS  | 25    | 3    |   |      |    |    | 0.202 | 55.48  | 56.09    | 3894.31  |
| UA8577  | AUS     | 25    | 4    |   |      |    |    | 0.27  | 57.48  | 133.04   | 5196.39  |
| UA1181  | NZ      | 25    | 4.5  |   |      |    |    | 0.304 | 58.48  | 189.48   | 5847.43  |
| UA3153  | NZ      | 25    | 5    |   |      |    |    | 0.337 | 59.48  | 259.96   | 6498.47  |
| UA1189  | NZ/AUS  | 25    | 6    |   |      |    |    | 0.405 | 61.48  | 449.34   | 7800.56  |
| UA1153  | NZ/AUS  | 25    | 10   |   |      |    |    | 0.675 | 69.48  | 2081.45  | 13008.89 |
| UA5790  | NZ      | 25    | 10   |   | 5    |    |    | 0.617 | 61.42  | 1740.87  | 10221.24 |
| UA1159  | NZ      | 25    | 12   |   |      |    |    | 0.81  | 73.48  | 3597.28  | 15613.06 |
| UA2085  | NZ      | 25    | 15   |   | 7.5  |    |    | 0.882 | 67.12  | 5297.55  | 13777.91 |
| UA1174  | NZ      | 30    | 3    |   |      |    |    | 0.243 | 65.48  | 67.34    | 6732.77  |
| UA2684  | NZ      | 30    | 3    |   | 1.5  |    |    | 0.238 | 63.42  | 64.73    | 6334.48  |
| UA1552  | NZ      | 30    | 4.5  |   |      |    |    | 0.364 | 68.48  | 227.44   | 10107.77 |
| UA1190  | NZ      | 30    | 6    |   |      |    |    | 0.486 | 71.48  | 539.34   | 13482.77 |
| UA2296  | NZ      | 30    | 15   |   | 1    |    |    | 1.213 | 88.28  | 8392.02  | 33562.54 |
| UA1558  | NZ      | 31.75 | 4.5  |   |      |    |    | 0.386 | 71.98  | 240.73   | 11982.94 |
| UA2937  | NZ/AUS  | 32    | 3    |   |      |    |    | 0.259 | 69.48  | 71.84    | 8172.39  |
| UA2939  | AUS     | 32    | 6    |   |      |    |    | 0.518 | 75.48  | 575.34   | 16364.39 |
| UA4225  | NZ      | 36    | 6    |   |      |    |    | 0.583 | 83.48  | 647.34   | 23303.15 |
| UA3154  | NZ      | 38    | 4.5  |   |      |    |    | 0.461 | 84.48  | 288.19   | 20549.31 |
| UA1175  | NZ/AUS  | 40    | 3    |   |      |    |    | 0.324 | 85.48  | 89.84    | 15969.3  |
| UA6493  | AUS     | 40    | 4    |   | 0.5  |    |    | 0.431 | 87.14  | 212.57   | 21248.45 |
| UA1182  | NZ/AUS  | 40    | 4.5  |   |      |    |    | 0.486 | 88.48  | 303.38   | 23969.3  |
| UA1191  | NZ/AUS  | 40    | 6    |   |      |    |    | 0.648 | 91.48  | 719.34   | 31969.3  |
| UA1154  | NZ/AUS  | 40    | 10   |   |      |    |    | 1.08  | 99.48  | 3331.45  | 53302.64 |
| UA1160  | NZ      | 40    | 12   |   |      |    |    | 1.296 | 103.48 | 5757.28  | 63969.3  |
| UA1164  | NZ      | 40    | 16   |   |      |    |    | 1.728 | 111.48 | 13648.47 | 85302.64 |
| UA1176  | NZ      | 45    | 3    |   |      |    |    | 0.364 | 95.48  | 101.09   | 22742.37 |

## FLAT BAR



| Die No.       | A    | B    | C | D | R1   | R2 | R3 | W      | P      | $I_x$     | $I_y$      |
|---------------|------|------|---|---|------|----|----|--------|--------|-----------|------------|
| UA1553 NZ     | 45   | 6    |   |   |      |    |    | 0.729  | 101.48 | 809.34    | 45523.62   |
| UA1177 NZ/AUS | 50   | 3    |   |   |      |    |    | 0.405  | 105.48 | 112.34    | 31201.97   |
| UA1183 NZ     | 50   | 4.5  |   |   |      |    |    | 0.607  | 108.48 | 379.32    | 46826.97   |
| UA2757 NZ     | 50   | 4.5  |   |   | 2    |    |    | 0.598  | 105.57 | 368.04    | 44804.51   |
| UA5281 NZ     | 50   | 5    |   |   | 0.5  |    |    | 0.674  | 109.14 | 519.61    | 51950.4    |
| UA1192 NZ/AUS | 50   | 6    |   |   |      |    |    | 0.81   | 111.48 | 899.34    | 62451.97   |
| UA3640 NZ     | 50   | 6    |   |   | 3    |    |    | 0.789  | 106.85 | 855.62    | 57924.39   |
| UA2737 NZ     | 50   | 8    |   |   |      |    |    | 1.08   | 115.48 | 2132.14   | 83285.31   |
| UA1155 NZ/AUS | 50   | 10   |   |   |      |    |    | 1.35   | 119.48 | 4164.79   | 104118.64  |
| UA1161 NZ     | 50   | 12   |   |   |      |    |    | 1.62   | 123.48 | 7197.28   | 124951.97  |
| UA6054 NZ     | 50   | 20   |   |   |      |    |    | 2.7    | 139.31 | 33319.84  | 208248.1   |
| UA1167 NZ     | 50   | 25   |   |   |      |    |    | 3.375  | 149.48 | 65092.22  | 260368.64  |
| UA4104 NZ     | 50   | 28.6 |   |   |      |    |    | 3.861  | 156.68 | 97457.92  | 297868.64  |
| UA1877 NZ     | 60   | 3    |   |   | 1.5  |    |    | 0.481  | 123.42 | 132.23    | 52300.18   |
| UA2250 NZ     | 60   | 4.5  |   |   | 2.25 |    |    | 0.717  | 125.14 | 441.58    | 77218.05   |
| UA2397 NZ     | 60   | 6    |   |   | 0.5  |    |    | 0.971  | 131.14 | 1078.21   | 107808.29  |
| UA3641 NZ     | 60   | 6    |   |   | 3    |    |    | 0.951  | 126.85 | 1035.62   | 101351.61  |
| UA5859 NZ/AUS | 60   | 10   |   |   | 0.5  |    |    | 1.619  | 139.14 | 4994.87   | 179808.29  |
| UA3515 NZ/AUS | 60   | 10   |   |   | 5    |    |    | 1.562  | 131.42 | 4657.54   | 162078.26  |
| UA4712 NZ     | 60   | 12   |   |   |      |    |    | 1.944  | 143.48 | 8637.28   | 215930.78  |
| UA8871 AUS    | 60   | 20   |   |   | 10   |    |    | 3.008  | 142.83 | 34520.65  | 293517.69  |
| UA4428 NZ     | 60   | 37.5 |   |   | 1    |    |    | 6.073  | 193.28 | 263377.21 | 674238.86  |
| UA6339 NZ     | 60   | 39   |   |   | 3    |    |    | 6.269  | 190.83 | 290416.53 | 686830.6   |
| UA1193 NZ     | 65   | 6    |   |   |      |    |    | 1.053  | 141.48 | 1169.34   | 137231.23  |
| UA3306 NZ     | 65   | 10   |   |   |      |    |    | 1.755  | 149.48 | 5414.79   | 228772.9   |
| UA1162 NZ     | 65   | 12   |   |   |      |    |    | 2.106  | 153.48 | 9357.28   | 274543.73  |
| UA2725 NZ     | 71   | 12.7 |   |   |      |    |    | 2.434  | 166.88 | 12116.55  | 378692.15  |
| UA2305 NZ     | 74   | 25   |   |   | 0.5  |    |    | 4.994  | 197.14 | 96321.23  | 843924.65  |
| UA1178 NZ     | 75   | 3    |   |   |      |    |    | 0.607  | 155.48 | 168.59    | 105360.5   |
| UA1184 NZ     | 75   | 4.5  |   |   |      |    |    | 0.911  | 158.48 | 569.16    | 158094.87  |
| UA1194 NZ     | 75   | 6    |   |   |      |    |    | 1.215  | 161.48 | 1349.34   | 210829.25  |
| UA1618 NZ     | 75   | 6    |   |   | 2.4  |    |    | 1.202  | 157.88 | 1318.98   | 204180.77  |
| UA1156 NZ     | 75   | 10   |   |   |      |    |    | 2.025  | 169.48 | 6248.12   | 351454.25  |
| UA1163 NZ     | 75   | 12   |   |   |      |    |    | 2.43   | 173.48 | 10797.28  | 421766.75  |
| UA4123 NZ     | 75   | 16   |   |   |      |    |    | 3.24   | 181.48 | 25595.14  | 562391.75  |
| UA1554 NZ     | 75   | 20   |   |   |      |    |    | 4.05   | 189.48 | 49992.38  | 703016.75  |
| UA1168 NZ     | 75   | 25   |   |   |      |    |    | 5.062  | 199.48 | 97644.31  | 878798     |
| UA6354 NZ     | 75   | 40   |   |   | 1.5  |    |    | 8.095  | 227.42 | 399252.95 | 1403582.11 |
| UA5195 NZ     | 75   | 50   |   |   | 0.5  |    |    | 10.124 | 249.14 | 781117.07 | 1757512.51 |
| UA1550 NZ     | 76.2 | 7.94 |   |   |      |    |    | 1.633  | 167.76 | 3177.42   | 292643.15  |
| UA2938 NZ/AUS | 80   | 3    |   |   |      |    |    | 0.648  | 165.48 | 179.84    | 127876.8   |
| UA2940 AUS    | 80   | 6    |   |   |      |    |    | 1.296  | 171.48 | 1439.34   | 255876.8   |
| UA1074 NZ     | 80   | 6    |   |   | 3    |    |    | 1.275  | 166.85 | 1395.62   | 244047.18  |

## FLAT BAR

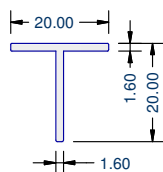


| Die No. | A      | B   | C    | D | R1  | R2 | R3 | W      | P      | $I_x$      | $I_y$      |
|---------|--------|-----|------|---|-----|----|----|--------|--------|------------|------------|
| UA5280  | NZ     | 80  | 8    |   | 0.5 |    |    | 1.727  | 175.14 | 3410.09    | 340991.88  |
| UA5717  | NZ/AUS | 80  | 10   |   | 0.5 |    |    | 2.159  | 179.14 | 6661.54    | 426325.22  |
| UA6167  | NZ     | 80  | 12   |   | 0.5 |    |    | 2.591  | 183.14 | 11512.56   | 511658.55  |
| UA7107  | NZ     | 80  | 15   |   | 0.5 |    |    | 3.239  | 189.14 | 22488.28   | 639658.55  |
| UA6750  | NZ     | 80  | 16   |   | 2   |    |    | 3.447  | 188.57 | 27110.29   | 677294.41  |
| UA6748  | NZ     | 80  | 20   |   | 2   |    |    | 4.311  | 196.57 | 53019.48   | 847961.07  |
| UA6749  | NZ     | 80  | 25   |   | 2   |    |    | 5.391  | 206.57 | 103667.34  | 1061294.41 |
| UA2724  | NZ     | 95  | 19.1 |   |     |    |    | 4.899  | 227.68 | 55155.36   | 1364481.39 |
| UA2009  | NZ     | 100 | 2.5  |   |     |    |    | 0.675  | 204.48 | 130.1      | 208140.71  |
| UA1169  | NZ/AUS | 100 | 3    |   |     |    |    | 0.81   | 205.31 | 224.73     | 249657.86  |
| UA3369  | NZ     | 100 | 4    |   | 0.5 |    |    | 1.079  | 207.14 | 532.57     | 332799.22  |
| UA1186  | NZ/AUS | 100 | 6    |   |     |    |    | 1.62   | 211.48 | 1799.34    | 499807.38  |
| UA6821  | NZ     | 100 | 8    |   | 0.5 |    |    | 2.159  | 215.14 | 4263.42    | 666132.55  |
| UA1555  | NZ/AUS | 100 | 10   |   |     |    |    | 2.7    | 219.48 | 8331.45    | 833140.71  |
| UA1157  | NZ/AUS | 100 | 12   |   |     |    |    | 3.24   | 223.48 | 14397.28   | 999807.38  |
| UA6168  | NZ     | 100 | 15   |   | 0.5 |    |    | 4.049  | 229.14 | 28113.28   | 1249465.89 |
| UA8196  | AUS    | 100 | 16   |   |     |    |    | 4.32   | 231.31 | 34124.74   | 1332991.2  |
| UA1166  | NZ     | 100 | 25   |   |     |    |    | 6.75   | 249.48 | 130196.39  | 2083140.71 |
| UA1185  | NZ     | 100 | 50   |   |     |    |    | 13.5   | 299.48 | 1041618.64 | 4166474.04 |
| UA5462  | NZ     | 115 | 6    |   |     |    |    | 1.863  | 241.48 | 2069.34    | 760182.66  |
| UA1187  | NZ     | 125 | 6    |   |     |    |    | 2.025  | 261.48 | 2249.34    | 976261.36  |
| UA2733  | NZ     | 125 | 10   |   |     |    |    | 3.375  | 269.48 | 10414.79   | 1627303.03 |
| UA1556  | NZ     | 125 | 12   |   |     |    |    | 4.05   | 273.48 | 17997.28   | 1952823.86 |
| UA6169  | NZ     | 125 | 15   |   | 0.5 |    |    | 5.062  | 279.14 | 35144.53   | 2440570.95 |
| UA2249  | NZ     | 127 | 38.1 |   |     |    |    | 13.064 | 329.68 | 585297.6   | 6503305.16 |
| UA5282  | NZ     | 130 | 12   |   | 0.5 |    |    | 4.211  | 283.14 | 18712.56   | 2196096.42 |
| UA5922  | AUS    | 136 | 5    |   | 2.5 |    |    | 1.822  | 277.71 | 1395.26    | 1023703.29 |
| UA10048 | AUS    | 140 | 10   |   | 0.5 |    |    | 3.779  | 299.14 | 11661.54   | 2285618.47 |
| UA3479  | NZ     | 150 | 3    |   |     |    |    | 1.215  | 305.48 | 337.34     | 843316.21  |
| UA6668  | NZ     | 150 | 5    |   | 0.5 |    |    | 2.024  | 309.14 | 1561.27    | 1405046.46 |
| UA1557  | NZ     | 150 | 6    |   |     |    |    | 2.43   | 311.48 | 2699.34    | 1687066.21 |
| UA7134  | NZ     | 150 | 8    |   | 0.5 |    |    | 3.239  | 315.14 | 6396.75    | 2248796.46 |
| UA7133  | NZ     | 150 | 10   |   | 0.5 |    |    | 4.049  | 319.14 | 12494.87   | 2811296.46 |
| UA1158  | NZ     | 150 | 12   |   |     |    |    | 4.86   | 323.48 | 21597.28   | 3374566.21 |
| UA2941  | NZ/AUS | 160 | 6    |   |     |    |    | 2.592  | 331.48 | 2879.34    | 2047506.39 |
| UA3408  | NZ/AUS | 160 | 10   |   | 0.5 |    |    | 4.319  | 339.14 | 13328.2    | 3411963.71 |
| UA8826  | AUS    | 160 | 12   |   | 0.5 |    |    | 5.183  | 343.14 | 23032.56   | 4094630.38 |
| UA4430  | NZ/AUS | 200 | 10   |   | 0.5 |    |    | 5.399  | 419.14 | 16661.54   | 6664525.44 |

## TEE

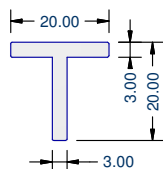
### UA1216 - NZ/AUS

TEE 20 x 20 x 1.6 x 1.6 mm  
W = 0.166 kg/m P = 79.2 mm  
 $I_x = 2361 \text{ mm}^4$   
 $I_y = 1065.3 \text{ mm}^4$   
POLAR MI = 34263 mm<sup>4</sup>



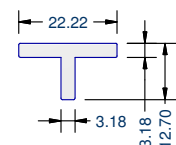
### UA1217 - NZ

TEE 20 x 20 x 3 x 3 mm  
W = 0.299 kg/m P = 79.2 mm  
 $I_x = 4020.82 \text{ mm}^4$   
 $I_y = 2030.55 \text{ mm}^4$   
POLAR MI = 60513.7 mm<sup>4</sup>



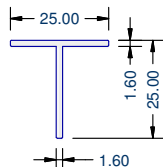
### UA1543 - NZ

TEE 22.22 x 12.7 x 3.2 x 3.2 mm  
W = 0.272 kg/m P = 69.1 mm  
 $I_x = 1137.76 \text{ mm}^4$   
 $I_y = 2918.54 \text{ mm}^4$   
POLAR MI = 40563 mm<sup>4</sup>



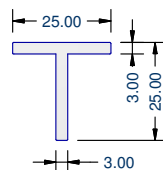
### UA1987 - NZ

TEE 25 x 25 x 1.6 x 1.6 mm  
W = 0.209 kg/m P = 99.2 mm  
 $I_x = 4723.11 \text{ mm}^4$   
 $I_y = 2079.36 \text{ mm}^4$   
POLAR MI = 68024.7 mm<sup>4</sup>



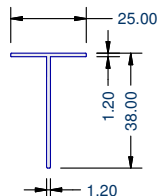
### UA1218 - NZ

TEE 25 x 25 x 3 x 3 mm  
W = 0.38 kg/m P = 99.2 mm  
 $I_x = 8188.88 \text{ mm}^4$   
 $I_y = 3943.73 \text{ mm}^4$   
POLAR MI = 121326.1 mm<sup>4</sup>



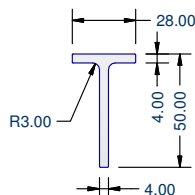
### UA1967 - NZ

TEE 25 x 38 x 1.2 x 1.2 mm  
W = 0.2 kg/m P = 125.2 mm  
 $I_x = 11400.07 \text{ mm}^4$   
 $I_y = 1555.85 \text{ mm}^4$   
POLAR MI = 129559.2 mm<sup>4</sup>



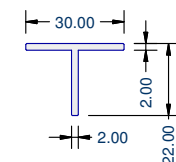
### UA4224 - NZ

TEE 28 x 50 x 4 x 4 mm  
W = 0.809 kg/m P = 152.1 mm  
 $I_x = 76576.1 \text{ mm}^4$   
 $I_y = 7549.65 \text{ mm}^4$   
POLAR MI = 841257.5 mm<sup>4</sup>



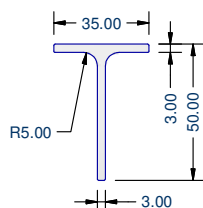
### UA2830 - NZ

TEE 30 x 22 x 2 x 2 mm  
W = 0.27 kg/m P = 103.2 mm  
 $I_x = 4245.21 \text{ mm}^4$   
 $I_y = 4496.07 \text{ mm}^4$   
POLAR MI = 87412.8 mm<sup>4</sup>



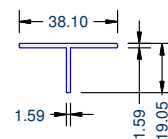
### UA5278 - NZ

TEE 35 x 50 x 3 x 3 mm  
W = 0.692 kg/m P = 164.4 mm  
 $I_x = 64899.11 \text{ mm}^4$   
 $I_y = 10842.31 \text{ mm}^4$   
POLAR MI = 757414.2 mm<sup>4</sup>



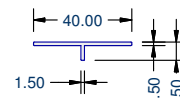
### UA1544 - NZ

TEE 38.1 x 19 x 1.6 x 1.6 mm  
W = 0.238 kg/m P = 113.5 mm  
 $I_x = 2435.53 \text{ mm}^4$   
 $I_y = 7306.08 \text{ mm}^4$   
POLAR MI = 97416.1 mm<sup>4</sup>



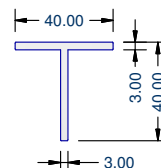
### UA8179 - AUS

TEE 40 x 7.5 x 1.5 x 1.5 mm  
W = 0.186 kg/m P = 94.2 mm  
 $I_x = 146.77 \text{ mm}^4$   
 $I_y = 7970.97 \text{ mm}^4$   
POLAR MI = 81177.4 mm<sup>4</sup>



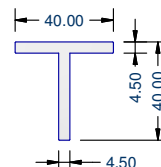
### UA1219 - NZ

TEE 40 x 40 x 3 x 3 mm  
W = 0.623 kg/m P = 159.2 mm  
 $I_x = 35778.8 \text{ mm}^4$   
 $I_y = 16052.47 \text{ mm}^4$   
POLAR MI = 518312.7 mm<sup>4</sup>



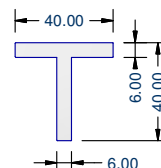
### UA1545 - NZ

TEE 40 x 40 x 4.5 x 4.5 mm  
W = 0.917 kg/m P = 159.2 mm  
 $I_x = 50897.04 \text{ mm}^4$   
 $I_y = 24238.7 \text{ mm}^4$   
POLAR MI = 751357.4 mm<sup>4</sup>



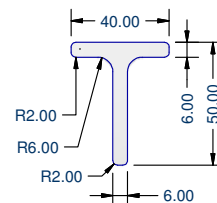
### UA3071 - NZ

TEE 40 x 40 x 6 x 6 mm  
W = 1.198 kg/m P = 159.2 mm  
 $I_x = 64443.19 \text{ mm}^4$   
 $I_y = 32580.97 \text{ mm}^4$   
POLAR MI = 970241.6 mm<sup>4</sup>



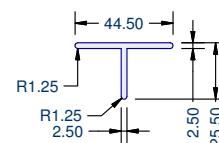
### UA3003 - NZ

TEE 40 x 50 x 6 x 6 mm  
W = 1.389 kg/m P = 169.7 mm  
 $I_x = 120511.09 \text{ mm}^4$   
 $I_y = 31777.92 \text{ mm}^4$   
POLAR MI = 1522890.1 mm<sup>4</sup>



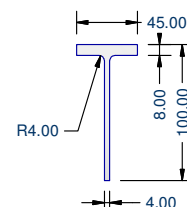
### UA1344 - NZ

TEE 44.5 x 25.5 x 2.5 x 2.5 mm  
W = 0.45 kg/m P = 136.8 mm  
 $I_x = 8469.72 \text{ mm}^4$   
 $I_y = 17740.33 \text{ mm}^4$   
POLAR MI = 262100.5 mm<sup>4</sup>



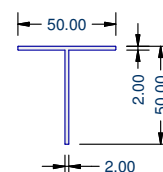
### UA4485 - NZ

TEE 45 x 100 x 8 x 4 mm  
W = 1.983 kg/m P = 285.3 mm  
 $I_x = 718581.35 \text{ mm}^4$   
 $I_y = 61194.07 \text{ mm}^4$   
POLAR MI = 7797754.2 mm<sup>4</sup>



### UA3059 - NZ

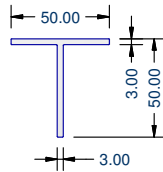
TEE 50 x 50 x 2 x 2 mm  
W = 0.529 kg/m P = 199.2 mm  
 $I_x = 49013.93 \text{ mm}^4$   
 $I_y = 20817.27 \text{ mm}^4$   
POLAR MI = 698312 mm<sup>4</sup>



## TEE

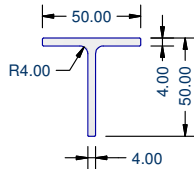
### UA1958 - NZ

TEE 50 x 50 x 3 x 3 mm  
W = 0.786 kg/m P = 198.8 mm  
 $I_x = 71442.88 \text{ mm}^4$   
 $I_y = 31307.92 \text{ mm}^4$   
POLAR MI = 1027508 mm<sup>4</sup>



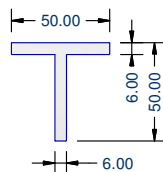
### UA6260 - NZ

TEE 50 x 50 x 4 x 4 mm  
W = 1.054 kg/m P = 195.3 mm  
 $I_x = 92998.28 \text{ mm}^4$   
 $I_y = 41840.04 \text{ mm}^4$   
POLAR MI = 1348383.2 mm<sup>4</sup>



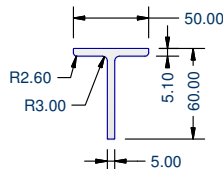
### UA1220 - NZ

TEE 50 x 50 x 6 x 6 mm  
W = 1.522 kg/m P = 199.2 mm  
 $I_x = 131198.77 \text{ mm}^4$   
 $I_y = 63243.64 \text{ mm}^4$   
POLAR MI = 1944424.1 mm<sup>4</sup>



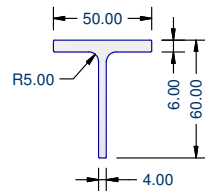
### UA7069 - NZ/AUS^

TEE 50 x 60 x 5.1 x 5 mm  
W = 1.432 kg/m P = 214.3 mm  
 $I_x = 188304.5 \text{ mm}^4$   
 $I_y = 51939.04 \text{ mm}^4$   
POLAR MI = 2402435.4 mm<sup>4</sup>



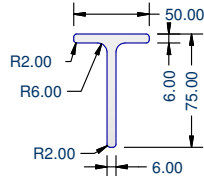
### UA5277 - NZ

TEE 50 x 60 x 6 x 4 mm  
W = 1.421 kg/m P = 214.4 mm  
 $I_x = 166922.46 \text{ mm}^4$   
 $I_y = 62768.36 \text{ mm}^4$   
POLAR MI = 2296908.2 mm<sup>4</sup>



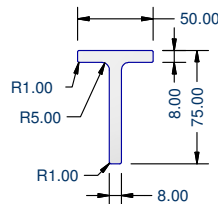
### UA3004 - NZ

TEE 50 x 75 x 6 x 6 mm  
W = 1.956 kg/m P = 239.7 mm  
 $I_x = 408456.62 \text{ mm}^4$   
 $I_y = 61970.7 \text{ mm}^4$   
POLAR MI = 4704273.2 mm<sup>4</sup>



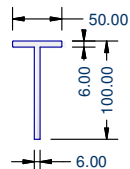
### UA6723 - NZ

TEE 50 x 75 x 8 x 8 mm  
W = 2.553 kg/m P = 243.1 mm  
 $I_x = 526152.83 \text{ mm}^4$   
 $I_y = 85949.24 \text{ mm}^4$   
POLAR MI = 6121020.7 mm<sup>4</sup>



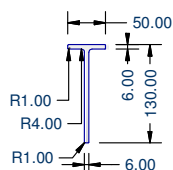
### UA4517 - NZ

TEE 50 x 100 x 6 x 6 mm  
W = 2.332 kg/m P = 298.7 mm  
 $I_x = 905101.99 \text{ mm}^4$   
 $I_y = 64058.17 \text{ mm}^4$   
POLAR MI = 9691601.6 mm<sup>4</sup>



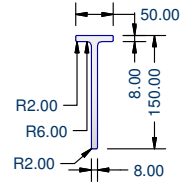
### UA6173 - NZ

TEE 50 x 130 x 6 x 6 mm  
W = 2.834 kg/m P = 354 mm  
 $I_x = 1865149.14 \text{ mm}^4$   
 $I_y = 64309.65 \text{ mm}^4$   
POLAR MI = 19294587.9 mm<sup>4</sup>



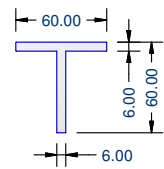
### UA3005 - NZ

TEE 50 x 150 x 8 x 8 mm  
W = 4.175 kg/m P = 389.7 mm  
 $I_x = 3589007.38 \text{ mm}^4$   
 $I_y = 87759.79 \text{ mm}^4$   
POLAR MI = 36767671.7 mm<sup>4</sup>



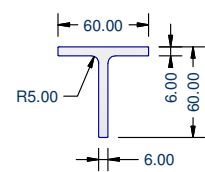
### UA4998 - NZ

TEE 60 x 60 x 6 x 6 mm  
W = 1.846 kg/m P = 239.2 mm  
 $I_x = 233198.91 \text{ mm}^4$   
 $I_y = 108902.45 \text{ mm}^4$   
POLAR MI = 3421013.6 mm<sup>4</sup>



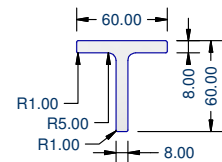
### UA2787 - NZ

TEE 60 x 60 x 6 x 6 mm  
W = 1.875 kg/m P = 234.4 mm  
 $I_x = 234130.38 \text{ mm}^4$   
 $I_y = 108970.68 \text{ mm}^4$   
POLAR MI = 3431010.6 mm<sup>4</sup>



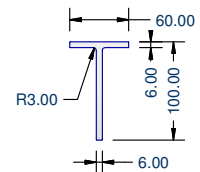
### UA6722 - NZ

TEE 60 x 60 x 8 x 8 mm  
W = 2.445 kg/m P = 233.1 mm  
 $I_x = 296771.04 \text{ mm}^4$   
 $I_y = 145741.76 \text{ mm}^4$   
POLAR MI = 4425128 mm<sup>4</sup>



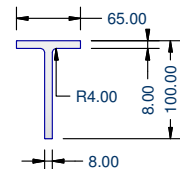
### UA6965 - NZ

TEE 60 x 100 x 6 x 6 mm  
W = 2.504 kg/m P = 316.1 mm  
 $I_x = 967822.5 \text{ mm}^4$   
 $I_y = 109552.65 \text{ mm}^4$   
POLAR MI = 10773751.5 mm<sup>4</sup>



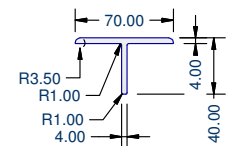
### UA5238 - NZ

TEE 65 x 100 x 8 x 8 mm  
W = 3.409 kg/m P = 325.3 mm  
 $I_x = 1287090.7 \text{ mm}^4$   
 $I_y = 186950.23 \text{ mm}^4$   
POLAR MI = 14740409.3 mm<sup>4</sup>



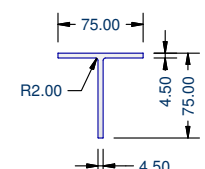
### UA2437 - NZ

TEE 70 x 40 x 4 x 4 mm  
W = 1.13 kg/m P = 214.8 mm  
 $I_x = 53215.95 \text{ mm}^4$   
 $I_y = 108237.01 \text{ mm}^4$   
POLAR MI = 1614529.6 mm<sup>4</sup>



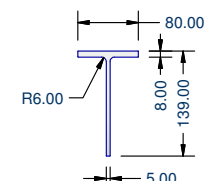
### UA1714 - NZ

TEE 75 x 75 x 4.5 x 4.5 mm  
W = 1.772 kg/m P = 297.5 mm  
 $I_x = 362205.38 \text{ mm}^4$   
 $I_y = 158642.77 \text{ mm}^4$   
POLAR MI = 5208481.5 mm<sup>4</sup>



### UA5844 - NZ

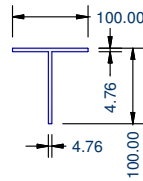
TEE 80 x 139 x 8 x 5 mm  
W = 3.537 kg/m P = 431.6 mm  
 $I_x = 2515953.87 \text{ mm}^4$   
 $I_y = 342603.27 \text{ mm}^4$   
POLAR MI = 28585571.4 mm<sup>4</sup>



## TEE

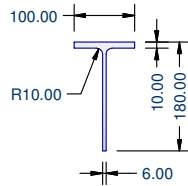
### UA4234 - NZ

TEE 100 x 100 x 4.8 x 4.8 mm  
W = 2.508 kg/m P = 398.7 mm  
 $I_x = 923366.21 \text{ mm}^4$   
 $I_y = 396987.97 \text{ mm}^4$   
POLAR  $MI = 13203541.8 \text{ mm}^4$



### UA5843 - AUS

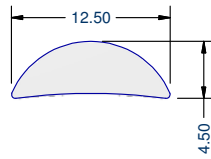
TEE 100 x 180 x 10 x 6 mm  
W = 5.569 kg/m P = 550.1 mm  
 $I_x = 6614196.38 \text{ mm}^4$   
 $I_y = 837184.88 \text{ mm}^4$   
POLAR  $MI = 74513812.6 \text{ mm}^4$



## HALF ROUND

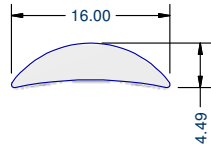
### UA1443 - NZ/AUS^

HALF ROUND 12.5 x 4.5 mm  
W = 0.104 kg/m P = 28.9 mm  
 $I_x = 48.72 \text{ mm}^4$   
 $I_y = 357.51 \text{ mm}^4$   
POLAR MI = 4062.3 mm<sup>4</sup>



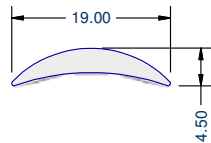
### UA1444 - NZ/AUS^

HALF ROUND 16 x 4.5 mm  
W = 0.119 kg/m P = 35.3 mm  
 $I_x = 50.22 \text{ mm}^4$   
 $I_y = 666.12 \text{ mm}^4$   
POLAR MI = 7163.4 mm<sup>4</sup>



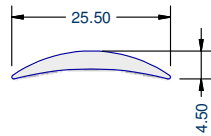
### UA1445 - NZ/AUS^

HALF ROUND 19 x 4.5 mm  
W = 0.113 kg/m P = 41.2 mm  
 $I_x = 41.23 \text{ mm}^4$   
 $I_y = 914.49 \text{ mm}^4$   
POLAR MI = 9557.2 mm<sup>4</sup>



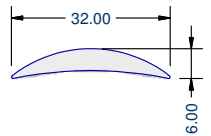
### UA1446 - NZ

HALF ROUND 25.5 x 4.5 mm  
W = 0.149 kg/m P = 53.6 mm  
 $I_x = 54.02 \text{ mm}^4$   
 $I_y = 2137.86 \text{ mm}^4$   
POLAR MI = 21918.8 mm<sup>4</sup>



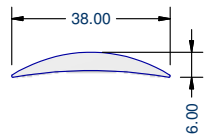
### UA1447 - NZ

HALF ROUND 32 x 6 mm  
W = 0.275 kg/m P = 67.3 mm  
 $I_x = 186.66 \text{ mm}^4$   
 $I_y = 5926.63 \text{ mm}^4$   
POLAR MI = 61132.9 mm<sup>4</sup>



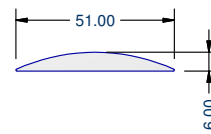
### UA1448 - NZ

HALF ROUND 38 x 6 mm  
W = 0.325 kg/m P = 78.9 mm  
 $I_x = 219.69 \text{ mm}^4$   
 $I_y = 9814.56 \text{ mm}^4$   
POLAR MI = 100342.5 mm<sup>4</sup>



### UA1449 - NZ

HALF ROUND 51 x 6 mm  
W = 0.578 kg/m P = 104.2 mm  
 $I_x = 527.77 \text{ mm}^4$   
 $I_y = 30199.75 \text{ mm}^4$   
POLAR MI = 307275.2 mm<sup>4</sup>



## COPE MOULD

Quality Aluminium Extruders

### UA1501 - NZ

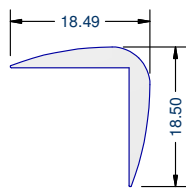
COPE MOULD 18.49 x 18.5 mm

W = 0.18 kg/m P = 67.3 mm

$I_x = 2275.11 \text{ mm}^4$

$I_y = 650.34 \text{ mm}^4$

POLAR MI = 29254.5 mm<sup>4</sup>



### UA1500 - NZ

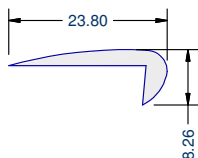
COPE MOULD 23.8 x 8.3 mm

W = 0.148 kg/m P = 58.8 mm

$I_x = 135.9 \text{ mm}^4$

$I_y = 2009.69 \text{ mm}^4$

POLAR MI = 21455.9 mm<sup>4</sup>



### UA1499 - NZ

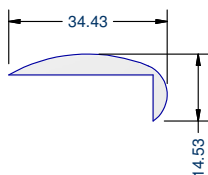
COPE MOULD 34.43 x 14.5 mm

W = 0.345 kg/m P = 87.4 mm

$I_x = 717.06 \text{ mm}^4$

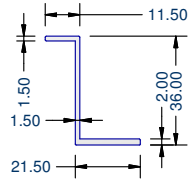
$I_y = 11110.63 \text{ mm}^4$

POLAR MI = 118276.9 mm<sup>4</sup>



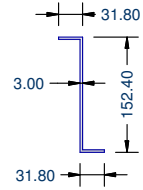
## UA8169 - AUS

ZED 11.5 x 21.5 x 36 x 1.5 mm  
W = 0.294 kg/m P = 134 mm  
 $I_x = 23280.15 \text{ mm}^4$   
 $I_y = 2365.77 \text{ mm}^4$   
POLAR MI = 256459.2 mm<sup>4</sup>



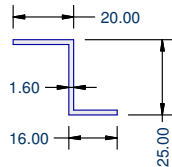
## UA1487 - NZ

ZED 31.8 x 31.8 x 152.4 x 3 mm  
W = 1.701 kg/m P = 426 mm  
 $I_x = 1872460.06 \text{ mm}^4$   
 $I_y = 32782.95 \text{ mm}^4$   
POLAR MI = 19052430.1 mm<sup>4</sup>



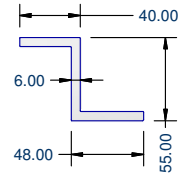
## UA1221 - NZ

ZED 20 x 16 x 25 x 1.6 mm  
W = 0.25 kg/m P = 118.8 mm  
 $I_x = 13184.32 \text{ mm}^4$   
 $I_y = 1558.36 \text{ mm}^4$   
POLAR MI = 147426.8 mm<sup>4</sup>



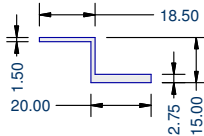
## UA5813 - NZ

ZED 40 x 48 x 55 x 6 mm  
W = 2.122 kg/m P = 272.3 mm  
 $I_x = 565763.96 \text{ mm}^4$   
 $I_y = 69734.91 \text{ mm}^4$   
POLAR MI = 6354988.7 mm<sup>4</sup>



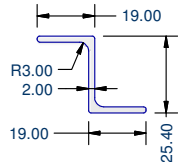
## UA2983 - NZ

ZED 18.5 x 20 x 15 x 1.5 mm  
W = 0.267 kg/m P = 104 mm  
 $I_x = 900.35 \text{ mm}^4$   
 $I_y = 11017.66 \text{ mm}^4$   
POLAR MI = 119180.1 mm<sup>4</sup>



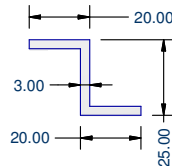
## UA6725 - NZ

ZED 19 x 19 x 25.4 x 2 mm  
W = 0.329 kg/m P = 118.2 mm  
 $I_x = 17852.81 \text{ mm}^4$   
 $I_y = 2109.63 \text{ mm}^4$   
POLAR MI = 199624.4 mm<sup>4</sup>



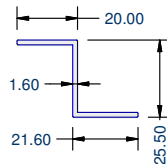
## UA1222 - NZ

ZED 20 x 20 x 25 x 3 mm  
W = 0.478 kg/m P = 124 mm  
 $I_x = 25883.17 \text{ mm}^4$   
 $I_y = 3154.33 \text{ mm}^4$   
POLAR MI = 290375 mm<sup>4</sup>



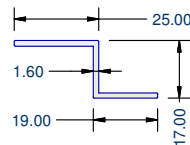
## UA8109 - AUS

ZED 20 x 21.6 x 25.5 x 1.6 mm  
W = 0.276 kg/m P = 130.2 mm  
 $I_x = 17460.85 \text{ mm}^4$   
 $I_y = 2036.52 \text{ mm}^4$   
POLAR MI = 194973.7 mm<sup>4</sup>



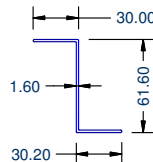
## UA1639 - NZ

ZED 25 x 19 x 17 x 1.6 mm  
W = 0.249 kg/m P = 118 mm  
 $I_x = 1192.33 \text{ mm}^4$   
 $I_y = 13577.09 \text{ mm}^4$   
POLAR MI = 147694.2 mm<sup>4</sup>



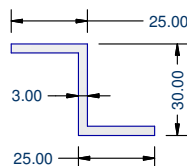
## UA1223 - NZ

ZED 25 x 25 x 30 x 3 mm  
W = 0.599 kg/m P = 154 mm  
 $I_x = 50870.01 \text{ mm}^4$   
 $I_y = 6052.49 \text{ mm}^4$   
POLAR MI = 569225 mm<sup>4</sup>



## UA8045 - AUS

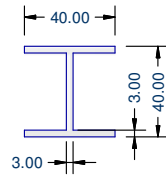
ZED 30 x 30.2 x 61.6 x 1.6 mm  
W = 0.511 kg/m P = 238.2 mm  
 $I_x = 128917.46 \text{ mm}^4$   
 $I_y = 10228.32 \text{ mm}^4$   
POLAR MI = 1391457.8 mm<sup>4</sup>



## I BEAM

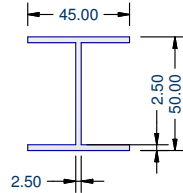
### UA1196 - NZ

I BEAM 40 x 40 x 3 x 3 mm  
W = 0.923 kg/m P = 234 mm  
 $I_x = 92146 \text{ mm}^4$   
 $I_y = 32076.5 \text{ mm}^4$   
POLAR  $MI = 1242225 \text{ mm}^4$



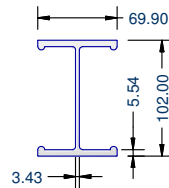
### UA1195 - NZ

I BEAM 45 x 50 x 2.5 x 2.5 mm  
W = 0.911 kg/m P = 275 mm  
 $I_x = 146015.62 \text{ mm}^4$   
 $I_y = 38027.34 \text{ mm}^4$   
POLAR  $MI = 1840429.6 \text{ mm}^4$



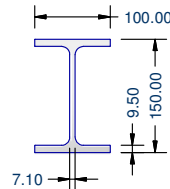
### UA1493 - NZ

I BEAM 69.9 x 102 x 3.4 x 5.5 mm  
W = 3.104 kg/m P = 484.4 mm  
 $I_x = 2142340.53 \text{ mm}^4$   
 $I_y = 372475.52 \text{ mm}^4$   
POLAR  $MI = 25148160.5 \text{ mm}^4$



### UA4389 - NZ

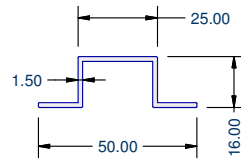
I BEAM 100 x 150 x 7.1 x 9.5 mm  
W = 7.926 kg/m P = 665 mm  
 $I_x = 11139413.18 \text{ mm}^4$   
 $I_y = 1590475.37 \text{ mm}^4$   
POLAR  $MI = 127298885.5 \text{ mm}^4$



## TOP HAT

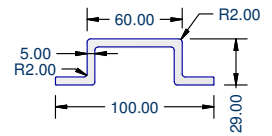
### UA1280 - NZ

TOP HAT 50 x 25 x 16 x 1.5 mm  
W = 0.32 kg/m P = 160 mm  
 $I_x = 4725.23 \text{ mm}^4$   
 $I_y = 21580.15 \text{ mm}^4$   
POLAR MI = 263053.8 mm<sup>4</sup>



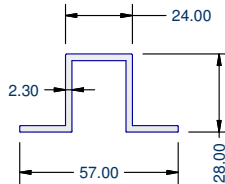
### UA3575 - NZ

TOP HAT 100 x 60 x 29 x 5 mm  
W = 1.997 kg/m P = 298.3 mm  
 $I_x = 85142.03 \text{ mm}^4$   
 $I_y = 598147.89 \text{ mm}^4$   
POLAR MI = 6832899.2 mm<sup>4</sup>



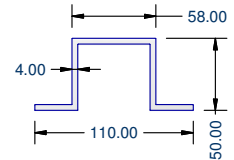
### UA1281 - NZ

TOP HAT 57 x 24 x 28 x 2.3 mm  
W = 0.673 kg/m P = 220.4 mm  
 $I_x = 27695.57 \text{ mm}^4$   
 $I_y = 49392.95 \text{ mm}^4$   
POLAR MI = 770885.2 mm<sup>4</sup>



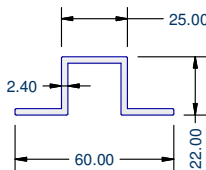
### UA3813 - NZ

TOP HAT 110 x 58 x 50 x 4 mm  
W = 2.181 kg/m P = 410.4 mm  
 $I_x = 299612.9 \text{ mm}^4$   
 $I_y = 712196.24 \text{ mm}^4$   
POLAR MI = 10118091.4 mm<sup>4</sup>



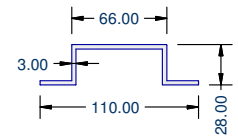
### UA6724 - NZ

TOP HAT 60 x 25 x 22 x 2.4 mm  
W = 0.642 kg/m P = 201.8 mm  
 $I_x = 16510.85 \text{ mm}^4$   
 $I_y = 55117.65 \text{ mm}^4$   
POLAR MI = 716285 mm<sup>4</sup>



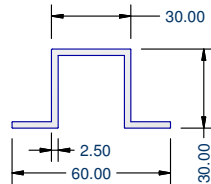
### UA1284 - NZ

TOP HAT 110 x 66 x 28 x 3 mm  
W = 1.296 kg/m P = 325 mm  
 $I_x = 59180.11 \text{ mm}^4$   
 $I_y = 481390.05 \text{ mm}^4$   
POLAR MI = 5405701.6 mm<sup>4</sup>



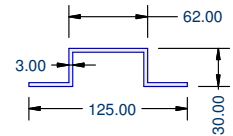
### UA1569 - NZ

TOP HAT 60 x 30 x 30 x 2.5 mm  
W = 0.776 kg/m P = 234 mm  
 $I_x = 37184.23 \text{ mm}^4$   
 $I_y = 70983.77 \text{ mm}^4$   
POLAR MI = 1081680 mm<sup>4</sup>



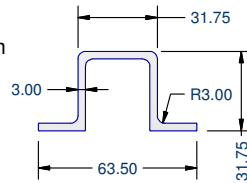
### UA1282 - NZ

TOP HAT 125 x 62 x 30 x 3 mm  
W = 1.449 kg/m P = 363 mm  
 $I_x = 78650.92 \text{ mm}^4$   
 $I_y = 629014.72 \text{ mm}^4$   
POLAR MI = 7076656.4 mm<sup>4</sup>



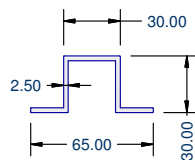
### UA5047 - NZ

TOP HAT 63.5 x 31.8 x 31.8 x 3 mm  
W = 0.99 kg/m P = 160 mm  
 $I_x = 51739.22 \text{ mm}^4$   
 $I_y = 100443.83 \text{ mm}^4$   
POLAR MI = 1521830.5 mm<sup>4</sup>



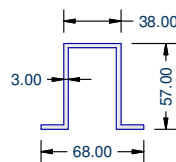
### UA1283 - NZ

TOP HAT 65 x 30 x 30 x 2.5 mm  
W = 0.81 kg/m P = 244 mm  
 $I_x = 39263.91 \text{ mm}^4$   
 $I_y = 83185.27 \text{ mm}^4$   
POLAR MI = 1224491.8 mm<sup>4</sup>



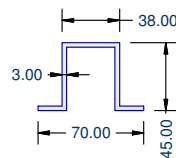
### UA2510 - NZ

TOP HAT 68 x 38 x 57 x 3 mm  
W = 1.425 kg/m P = 357 mm  
 $I_x = 228160.06 \text{ mm}^4$   
 $I_y = 177963.22 \text{ mm}^4$   
POLAR MI = 4061232.8 mm<sup>4</sup>



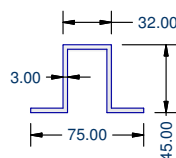
### UA1620 - NZ

TOP HAT 70 x 38 x 45 x 3 mm  
W = 1.247 kg/m P = 313 mm  
 $I_x = 130305.39 \text{ mm}^4$   
 $I_y = 162995.9 \text{ mm}^4$   
POLAR MI = 2933012.9 mm<sup>4</sup>



### UA1621 - NZ

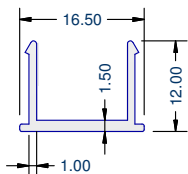
TOP HAT 75 x 32 x 45 x 3 mm  
W = 1.287 kg/m P = 323 mm  
 $I_x = 134533.45 \text{ mm}^4$   
 $I_y = 158516.09 \text{ mm}^4$   
POLAR MI = 2930495.4 mm<sup>4</sup>



## UA1333 - NZ

### POCKET CAP

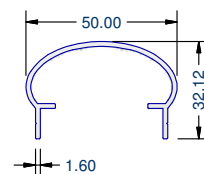
OAD = 16.50 x 12.00 mm  
W = 0.121 kg/m P = 77.4 mm  
 $I_x = 606.8 \text{ mm}^4$   $I_y = 1387.86 \text{ mm}^4$   
POLAR MI = 19946.6 mm<sup>4</sup>



## UA2164 - NZ

### HANDRAIL

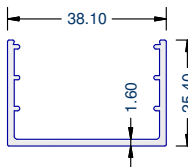
OAD = 50.00 x 32.12 mm  
W = 0.465 kg/m P = 218.3 mm  
 $I_x = 16394.59 \text{ mm}^4$   $I_y = 58206.51 \text{ mm}^4$   
POLAR MI = 746011 mm<sup>4</sup>



## UA2096 - NZ

### HANDRAIL CHANNEL

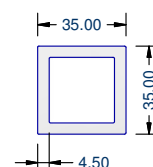
OAD = 38.10 x 25.40 mm  
W = 0.392 kg/m P = 186.9 mm  
 $I_x = 9878.17 \text{ mm}^4$   $I_y = 35060.79 \text{ mm}^4$   
POLAR MI = 449389.6 mm<sup>4</sup>



## UA2487 - NZ

### POST

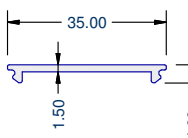
OAD = 35.00 x 35.00 mm  
W = 1.482 kg/m P = 139.1 mm  
 $I_x = 86941.51 \text{ mm}^4$   $I_y = 86941.51 \text{ mm}^4$   
POLAR MI = 1738830.2 mm<sup>4</sup>



## UA2097 - NZ

### CHANNEL LID

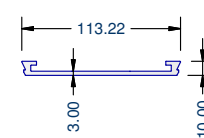
OAD = 35.00 x 4.00 mm  
W = 0.161 kg/m P = 81.4 mm  
 $I_x = 38.72 \text{ mm}^4$   $I_y = 6955.69 \text{ mm}^4$   
POLAR MI = 69944.1 mm<sup>4</sup>



## UA3347 - NZ

### HANDRAIL BASE

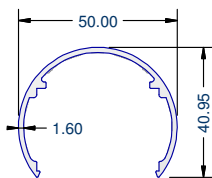
OAD = 113.22 x 10.00 mm  
W = 1.144 kg/m P = 274.6 mm  
 $I_x = 2997.02 \text{ mm}^4$   $I_y = 583837.09 \text{ mm}^4$   
POLAR MI = 5868341.1 mm<sup>4</sup>



## UA2098 - NZ

### HANDRAIL

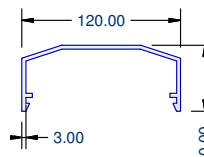
OAD = 50.00 x 40.95 mm  
W = 0.543 kg/m P = 233 mm  
 $I_x = 30113.01 \text{ mm}^4$   $I_y = 71885.9 \text{ mm}^4$   
POLAR MI = 1019989.1 mm<sup>4</sup>



## UA3348 - NZ

### HANDRAIL

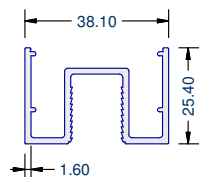
OAD = 120.00 x 50.00 mm  
W = 1.729 kg/m P = 427.1 mm  
 $I_x = 164697.22 \text{ mm}^4$   $I_y = 1360379.58 \text{ mm}^4$   
POLAR MI = 15250768 mm<sup>4</sup>



## UA2099 - NZ

### GLAZING CHANNEL

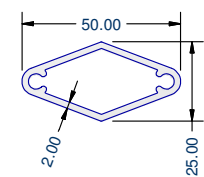
OAD = 38.10 x 25.40 mm  
W = 0.555 kg/m P = 265 mm  
 $I_x = 11760.71 \text{ mm}^4$   $I_y = 37975.22 \text{ mm}^4$   
POLAR MI = 497359.3 mm<sup>4</sup>



## UA3349 - NZ

### RAILING FITS 3347

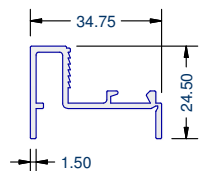
OAD = 50.00 x 25.00 mm  
W = 0.636 kg/m P = 116 mm  
 $I_x = 11378.86 \text{ mm}^4$   $I_y = 52976.51 \text{ mm}^4$   
POLAR MI = 643553.7 mm<sup>4</sup>



## UA2102 - NZ

### GLAZING BAR

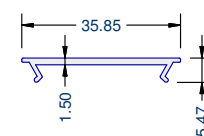
OAD = 34.75 x 24.50 mm  
W = 0.373 kg/m P = 188.3 mm  
 $I_x = 4326.15 \text{ mm}^4$   $I_y = 21200.03 \text{ mm}^4$   
POLAR MI = 255261.8 mm<sup>4</sup>



## UA3595 - NZ

### FLUSH CAP

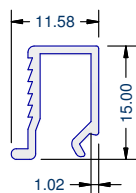
OAD = 35.85 x 5.47 mm  
W = 0.165 kg/m P = 91.3 mm  
 $I_x = 78.96 \text{ mm}^4$   $I_y = 7160.98 \text{ mm}^4$   
POLAR MI = 72399.4 mm<sup>4</sup>



## UA2103 - NZ/AUS^

### GLAZING BEAD

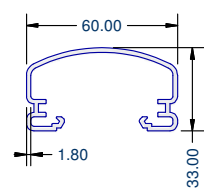
OAD = 11.58 x 15.00 mm  
W = 0.121 kg/m P = 85.3 mm  
 $I_x = 1121.78 \text{ mm}^4$   $I_y = 581.64 \text{ mm}^4$   
POLAR MI = 17034.2 mm<sup>4</sup>



## UA3596 - NZ

### HANDRAIL

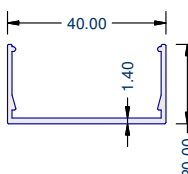
OAD = 60.00 x 33.00 mm  
W = 0.782 kg/m P = 324 mm  
 $I_x = 39720.11 \text{ mm}^4$   $I_y = 148770.81 \text{ mm}^4$   
POLAR MI = 1884909.2 mm<sup>4</sup>



## UA2131 - NZ

### RAIL CHANNEL

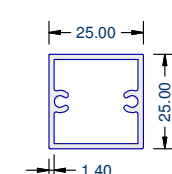
OAD = 40.00 x 20.00 mm  
W = 0.286 kg/m P = 160.8 mm  
 $I_x = 4106.18 \text{ mm}^4$   $I_y = 26083.29 \text{ mm}^4$   
POLAR MI = 301894.7 mm<sup>4</sup>



## UA3597 - NZ

### BALUSTER

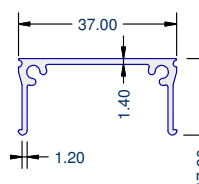
OAD = 25.00 x 25.00 mm  
W = 0.418 kg/m P = 99.5 mm  
 $I_x = 12394.57 \text{ mm}^4$   $I_y = 14318.57 \text{ mm}^4$   
POLAR MI = 267131.4 mm<sup>4</sup>



## UA2132 - NZ

### RAIL INSERT

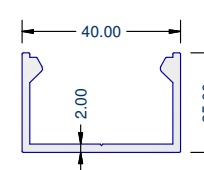
OAD = 37.13 x 17.90 mm  
W = 0.302 kg/m P = 154.8 mm  
 $I_x = 2935.15 \text{ mm}^4$   $I_y = 22267.8 \text{ mm}^4$   
POLAR MI = 252029.5 mm<sup>4</sup>



## UA3616 - NZ

### BOTTOM CHANNEL

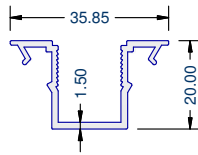
OAD = 40.00 x 25.00 mm  
W = 0.536 kg/m P = 182.1 mm  
 $I_x = 14993.71 \text{ mm}^4$   $I_y = 51368.94 \text{ mm}^4$   
POLAR MI = 663626.5 mm<sup>4</sup>



## UA3617 - NZ

### GLAZING INSERT

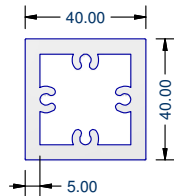
OAD = 35.85 x 20.00 mm  
W = 0.313 kg/m P = 171.2 mm  
 $I_x = 6273.94 \text{ mm}^4$   $I_y = 10682.18 \text{ mm}^4$   
POLAR MI = 169561.2 mm<sup>4</sup>



## UA4007 - NZ

### POST

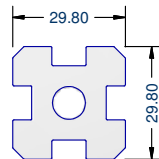
OAD = 40.00 x 40.00 mm  
W = 2.165 kg/m P = 159.5 mm  
 $I_x = 154520.81 \text{ mm}^4$   $I_y = 154520.81 \text{ mm}^4$   
POLAR MI = 3090416.2 mm<sup>4</sup>



## UA4008 - NZ

### POST SPIGOT FITS 4007, 7085

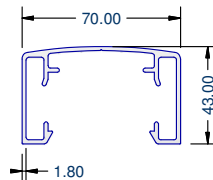
OAD = 29.80 x 29.80 mm  
W = 1.7 kg/m P = 150.2 mm  
 $I_x = 47249.72 \text{ mm}^4$   $I_y = 47249.72 \text{ mm}^4$   
POLAR MI = 944994.4 mm<sup>4</sup>



## UA4729 - AUS

### HANDRAIL

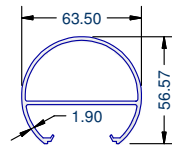
OAD = 70.00 x 43.00 mm  
W = 1.126 kg/m P = 432.4 mm  
 $I_x = 95579.92 \text{ mm}^4$   $I_y = 309730.1 \text{ mm}^4$   
POLAR MI = 4053100.2 mm<sup>4</sup>



## UA4737 - NZ

### HANDRAIL

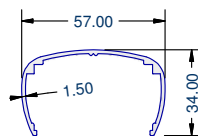
OAD = 63.50 x 56.57 mm  
W = 1.137 kg/m P = 283.6 mm  
 $I_x = 115804.88 \text{ mm}^4$   $I_y = 203907.28 \text{ mm}^4$   
POLAR MI = 3197121.6 mm<sup>4</sup>



## UA5115 - AUS

### HANDRAIL

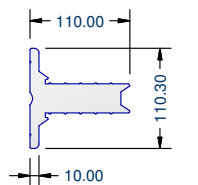
OAD = 57.00 x 34.00 mm  
W = 0.516 kg/m P = 233.6 mm  
 $I_x = 21135.39 \text{ mm}^4$   $I_y = 91898.98 \text{ mm}^4$   
POLAR MI = 1130343.7 mm<sup>4</sup>



## UA5566 - NZ

### POST BASE

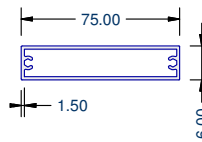
OAD = 110.00 x 110.30 mm  
W = 11.491 kg/m P = 459.4 mm  
 $I_x = 1439003.28 \text{ mm}^4$   $I_y = 4481857.43 \text{ mm}^4$   
POLAR MI = 59208607.1 mm<sup>4</sup>



## UA6461 - AUS

### RAILING

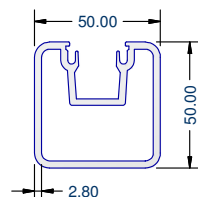
OAD = 75.00 x 16.00 mm  
W = 0.776 kg/m P = 181.3 mm  
 $I_x = 12531.6 \text{ mm}^4$   $I_y = 185384.84 \text{ mm}^4$   
POLAR MI = 1979164.4 mm<sup>4</sup>



## UA6500 - AUS

### GLAZING POST

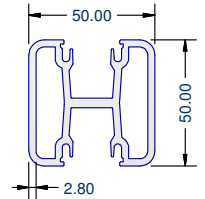
OAD = 50.00 x 50.00 mm  
W = 1.718 kg/m P = 258.2 mm  
 $I_x = 175393.98 \text{ mm}^4$   $I_y = 199493.82 \text{ mm}^4$   
POLAR MI = 3748878 mm<sup>4</sup>



## UA6501 - AUS

### GLAZING POST

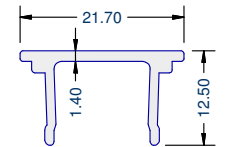
OAD = 50.00 x 50.00 mm  
W = 2 kg/m P = 328.6 mm  
 $I_x = 167367.78 \text{ mm}^4$   $I_y = 214710.21 \text{ mm}^4$   
POLAR MI = 3820779.9 mm<sup>4</sup>



## UA6502 - AUS

### GLAZING POST CAP

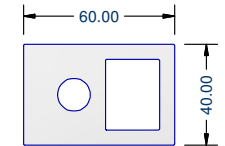
OAD = 21.70 x 12.50 mm  
W = 0.168 kg/m P = 88 mm  
 $I_x = 822.83 \text{ mm}^4$   $I_y = 2808.86 \text{ mm}^4$   
POLAR MI = 36316.9 mm<sup>4</sup>



## UA6585 - NZ

### POST

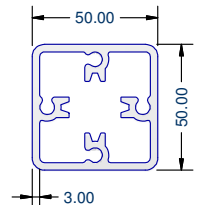
OAD = 60.00 x 40.00 mm  
W = 4.496 kg/m P = 199.1 mm  
 $I_x = 279263.86 \text{ mm}^4$   $I_y = 549790.36 \text{ mm}^4$   
POLAR MI = 8290142.2 mm<sup>4</sup>



## UA7085 - NZ

### POST

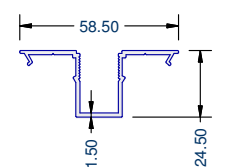
OAD = 50.00 x 50.00 mm  
W = 2.128 kg/m P = 191.4 mm  
 $I_x = 230263.74 \text{ mm}^4$   $I_y = 230294.35 \text{ mm}^4$   
POLAR MI = 4605580.9 mm<sup>4</sup>



## UA7086 - NZ

### GLAZING INSERT

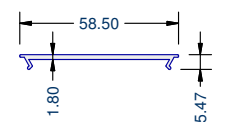
OAD = 58.50 x 24.50 mm  
W = 0.441 kg/m P = 235.1 mm  
 $I_x = 13351.88 \text{ mm}^4$   $I_y = 33919.56 \text{ mm}^4$   
POLAR MI = 472714.4 mm<sup>4</sup>



## UA7087 - NZ

### FLUSH CAP

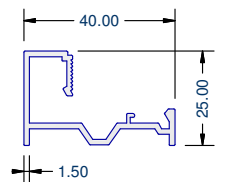
OAD = 58.50 x 5.47 mm  
W = 0.299 kg/m P = 135.6 mm  
 $I_x = 94.45 \text{ mm}^4$   $I_y = 33213.94 \text{ mm}^4$   
POLAR MI = 333083.9 mm<sup>4</sup>



## UA7088 - NZ

### GLAZING BAR

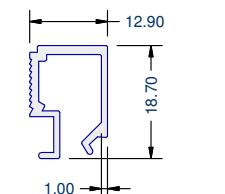
OAD = 40.00 x 25.00 mm  
W = 0.415 kg/m P = 210.3 mm  
 $I_x = 6756.81 \text{ mm}^4$   $I_y = 30694.74 \text{ mm}^4$   
POLAR MI = 374515.5 mm<sup>4</sup>



## UA7089 - NZ

### GLAZING BEAD

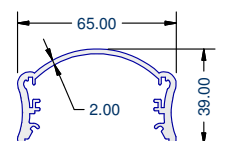
OAD = 12.90 x 18.70 mm  
W = 0.182 kg/m P = 113 mm  
 $I_x = 2415.76 \text{ mm}^4$   $I_y = 1394.22 \text{ mm}^4$   
POLAR MI = 38099.8 mm<sup>4</sup>



## UA7090 - NZ

### HANDRAIL

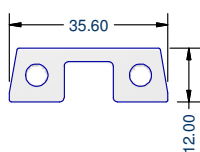
OAD = 65.00 x 39.00 mm  
W = 0.974 kg/m P = 314.6 mm  
 $I_x = 49342.17 \text{ mm}^4$   $I_y = 233567.9 \text{ mm}^4$   
POLAR MI = 2829100.7 mm<sup>4</sup>



## UA7091 - NZ

### FIXING BLOCK

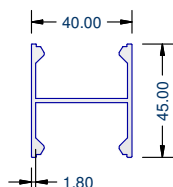
OAD = 35.60 x 12.00 mm  
W = 0.732 kg/m P = 107.7 mm  
 $I_x = 3894.82 \text{ mm}^4$   $I_y = 33466.5 \text{ mm}^4$   
POLAR MI = 373613.2 mm<sup>4</sup>



## UA7092 - NZ

### BOTTOM RAIL

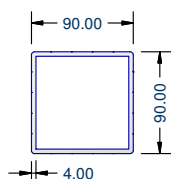
OAD = 40.00 x 45.00 mm  
W = 0.774 kg/m P = 269.7 mm  
 $I_x = 48111.02 \text{ mm}^4$   $I_y = 83316.67 \text{ mm}^4$   
POLAR MI = 1314276.9 mm<sup>4</sup>



## UA8013 - AUS

### POST

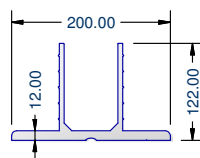
OAD = 90.00 x 90.00 mm  
W = 3.69 kg/m P = 358.3 mm  
 $I_x = 1682745.73 \text{ mm}^4$   $I_y = 1682745.73 \text{ mm}^4$   
POLAR MI = 33654914.6 mm<sup>4</sup>



## UA8014 - AUS

### POST BASE

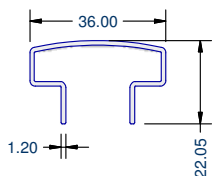
OAD = 200.00 x 122.00 mm  
W = 10.233 kg/m P = 859.9 mm  
 $I_x = 4554413.77 \text{ mm}^4$   $I_y = 9777184.6 \text{ mm}^4$   
POLAR MI = 143315983.7 mm<sup>4</sup>



## UA8214 - AUS

### HANDRAIL

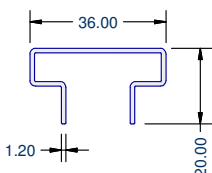
OAD = 36.00 x 22.05 mm  
W = 0.287 kg/m P = 179.3 mm  
 $I_x = 4475.21 \text{ mm}^4$   $I_y = 15961.24 \text{ mm}^4$   
POLAR MI = 204364.5 mm<sup>4</sup>



## UA8233 - AUS

### HANDRAIL

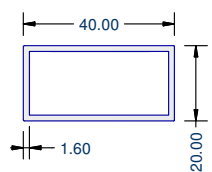
OAD = 36.00 x 20.00 mm  
W = 0.285 kg/m P = 177.6 mm  
 $I_x = 3699.23 \text{ mm}^4$   $I_y = 15695.34 \text{ mm}^4$   
POLAR MI = 193945.7 mm<sup>4</sup>



## UA1988 - NZ/AUS

### RHS RAILING

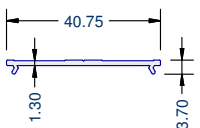
OAD = 40.00 x 20.00 mm  
W = 0.491 kg/m P = 119.5 mm  
 $I_x = 12118.04 \text{ mm}^4$   $I_y = 36865.53 \text{ mm}^4$   
POLAR MI = 489835.7 mm<sup>4</sup>



## UA4134 - NZ

### CHANNEL LID

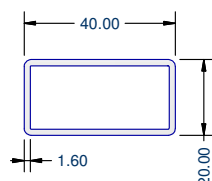
OAD = 40.75 x 3.70 mm  
W = 0.163 kg/m P = 93.2 mm  
 $I_x = 23.28 \text{ mm}^4$   $I_y = 9156.89 \text{ mm}^4$   
POLAR MI = 91801.7 mm<sup>4</sup>



## UA5489 - NZ

### RHS RAILING

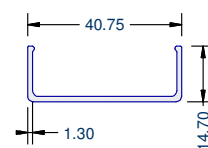
OAD = 40.00 x 20.00 mm  
W = 0.483 kg/m P = 116.9 mm  
 $I_x = 11874.5 \text{ mm}^4$   $I_y = 35853.65 \text{ mm}^4$   
POLAR MI = 477281.5 mm<sup>4</sup>



## UA6395 - NZ

### CHANNEL

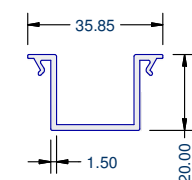
OAD = 40.75 x 14.70 mm  
W = 0.25 kg/m P = 135.4 mm  
 $I_x = 1770.5 \text{ mm}^4$   $I_y = 21610.62 \text{ mm}^4$   
POLAR MI = 233811.2 mm<sup>4</sup>



## UA6396 - NZ

### 20MM SLAT INSERT

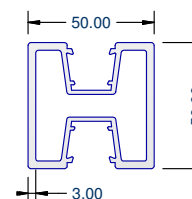
OAD = 35.85 x 20.00 mm  
W = 0.314 kg/m P = 163.2 mm  
 $I_x = 6436.09 \text{ mm}^4$   $I_y = 13937.5 \text{ mm}^4$   
POLAR MI = 203735.9 mm<sup>4</sup>



## UA8766 - AUS

### BALUSTRADE

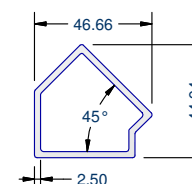
OAD = 50.00 x 50.00 mm  
W = 1.801 kg/m P = 296.2 mm  
 $I_x = 184377.8 \text{ mm}^4$   $I_y = 221432.86 \text{ mm}^4$   
POLAR MI = 4058106.6 mm<sup>4</sup>



## UA8971 - AUS

### BALUSTRADE

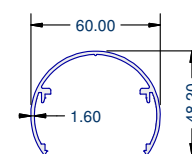
OAD = 46.66 x 44.94 mm  
W = 0.966 kg/m P = 151.3 mm  
 $I_x = 72782.81 \text{ mm}^4$   $I_y = 80271.44 \text{ mm}^4$   
POLAR MI = 1530542.5 mm<sup>4</sup>



## UA8989 - AUS

### BALUSTRADE

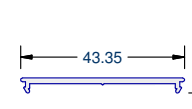
OAD = 60.00 x 48.20 mm  
W = 0.684 kg/m P = 301.3 mm  
 $I_x = 50861.85 \text{ mm}^4$   $I_y = 133003.73 \text{ mm}^4$   
POLAR MI = 1838655.8 mm<sup>4</sup>



## UA8990 - AUS

### BALUSTRADE

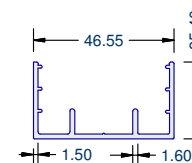
OAD = 43.35 x 4.00 mm  
W = 0.188 kg/m P = 99.6 mm  
 $I_x = 34.21 \text{ mm}^4$   $I_y = 11837.57 \text{ mm}^4$   
POLAR MI = 118717.8 mm<sup>4</sup>



## UA8991 - AUS

### BALUSTRADE

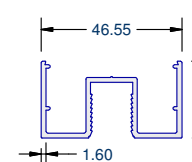
OAD = 46.55 x 25.40 mm  
W = 0.486 kg/m P = 235.6 mm  
 $I_x = 10416.61 \text{ mm}^4$   $I_y = 55980.5 \text{ mm}^4$   
POLAR MI = 663971.1 mm<sup>4</sup>



## UA8992 - AUS

### BALUSTRADE

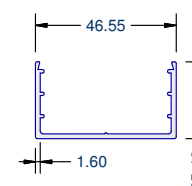
OAD = 46.55 x 25.40 mm  
W = 0.589 kg/m P = 280.7 mm  
 $I_x = 12926.84 \text{ mm}^4$   $I_y = 57851.52 \text{ mm}^4$   
POLAR MI = 707783.6 mm<sup>4</sup>



## UA8993 - AUS

### BALUSTRADE

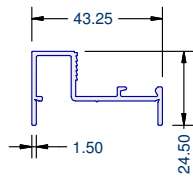
OAD = 46.55 x 25.40 mm  
W = 0.421 kg/m P = 203.5 mm  
 $I_x = 9704.5 \text{ mm}^4$   $I_y = 54123.32 \text{ mm}^4$   
POLAR MI = 638278.2 mm<sup>4</sup>



### UA8994 - AUS

#### BALUSTRADE

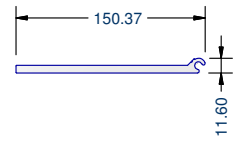
OAD = 43.25 x 24.50 mm  
W = 0.406 kg/m P = 204.4 mm  
 $I_x = 5081.29 \text{ mm}^4$   $I_y = 35168.08 \text{ mm}^4$   
POLAR MI = 402493.7 mm<sup>4</sup>



### UA10422 - NZ/AUS

#### HINGES - FEMALE

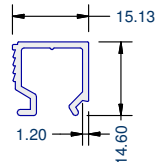
OAD = 150.37 x 11.60 mm  
W = 2.442 kg/m P = 324.9 mm  
 $I_x = 3848.93 \text{ mm}^4$   $I_y = 1693902.8 \text{ mm}^4$   
POLAR MI = 16977517.3 mm<sup>4</sup>



### UA8995 - AUS

#### BALUSTRADE

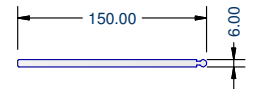
OAD = 15.13 x 14.60 mm  
W = 0.159 kg/m P = 98.1 mm  
 $I_x = 1406.24 \text{ mm}^4$   $I_y = 1813.81 \text{ mm}^4$   
POLAR MI = 32200.5 mm<sup>4</sup>



### UA10422 - NZ/AUS

#### HINGES - MALE

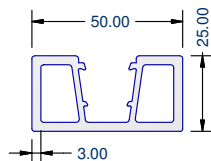
OAD = 150.00 x 6.00 mm  
W = 2.386 kg/m P = 311.5 mm  
 $I_x = 2606.18 \text{ mm}^4$   $I_y = 1605287.54 \text{ mm}^4$   
POLAR MI = 16078937.2 mm<sup>4</sup>



### UA8998 - AUS

#### BALUSTRADE

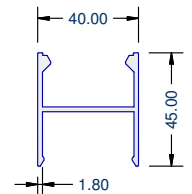
OAD = 50.00 x 25.00 mm  
W = 1.208 kg/m P = 199.2 mm  
 $I_x = 35369.12 \text{ mm}^4$   $I_y = 131598.8 \text{ mm}^4$   
POLAR MI = 1669679.2 mm<sup>4</sup>



### UA10423 - NZ/AUS

#### HEAVY DUTY RAIL

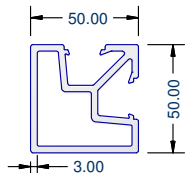
OAD = 40.00 x 45.00 mm  
W = 0.697 kg/m P = 262.6 mm  
 $I_x = 37003.76 \text{ mm}^4$   $I_y = 75206.04 \text{ mm}^4$   
POLAR MI = 1122098 mm<sup>4</sup>



### UA8999 - AUS

#### CORNER POST

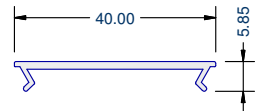
OAD = 50.00 x 50.00 mm  
W = 1.956 kg/m P = 305 mm  
 $I_x = 211855.33 \text{ mm}^4$   $I_y = 212746.57 \text{ mm}^4$   
POLAR MI = 4246019 mm<sup>4</sup>



### UA10424 - NZ/AUS

#### FLUSH INFILL

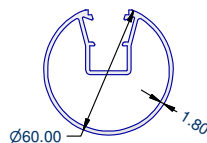
OAD = 40.00 x 5.85 mm  
W = 0.186 kg/m P = 101.9 mm  
 $I_x = 101.05 \text{ mm}^4$   $I_y = 10589.16 \text{ mm}^4$   
POLAR MI = 106902.1 mm<sup>4</sup>



### UA10005 - AUS

#### BALUSTRADE

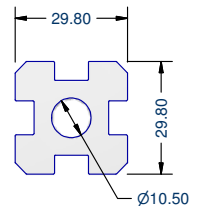
OAD = 60.00 x 60.00 mm  
W = 1.21 kg/m P = 267.9 mm  
 $I_x = 141358.34 \text{ mm}^4$   $I_y = 152242.35 \text{ mm}^4$   
POLAR MI = 2936006.9 mm<sup>4</sup>



### UA10444 - NZ/AUS

#### POST SPIGOT

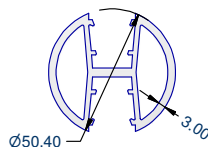
OAD = 29.80 x 29.80 mm  
W = 1.626 kg/m P = 150.2 mm  
 $I_x = 46934.28 \text{ mm}^4$   $I_y = 46934.28 \text{ mm}^4$   
POLAR MI = 938685.6 mm<sup>4</sup>



### UA10006 - AUS

#### BALUSTRADE

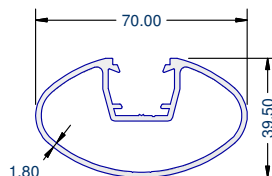
OAD = 50.40 x 50.40 mm  
W = 1.551 kg/m P = 266.8 mm  
 $I_x = 92881.74 \text{ mm}^4$   $I_y = 139715.47 \text{ mm}^4$   
POLAR MI = 2325972.1 mm<sup>4</sup>



### UA10007 - AUS

#### BALUSTRADE

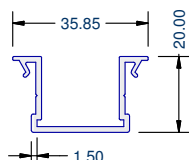
OAD = 70.00 x 39.50 mm  
W = 1.07 kg/m P = 236.4 mm  
 $I_x = 61403.73 \text{ mm}^4$   $I_y = 162147.42 \text{ mm}^4$   
POLAR MI = 2235511.5 mm<sup>4</sup>



### UA10414 - NZ/AUS

#### BALUSTER INFILL - 20MM

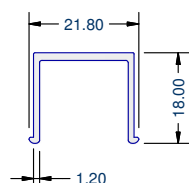
OAD = 35.85 x 20.00 mm  
W = 0.333 kg/m P = 172.6 mm  
 $I_x = 6786.58 \text{ mm}^4$   $I_y = 15144.86 \text{ mm}^4$   
POLAR MI = 219314.4 mm<sup>4</sup>



### UA10415 - NZ/AUS

#### 0.75 SERIES BALUSTRADE

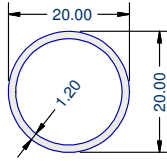
OAD = 21.80 x 18.00 mm  
W = 0.192 kg/m P = 110.1 mm  
 $I_x = 2453.61 \text{ mm}^4$   $I_y = 4659.22 \text{ mm}^4$   
POLAR MI = 71128.3 mm<sup>4</sup>



### UA1225 - NZ

#### RAILING TUBE

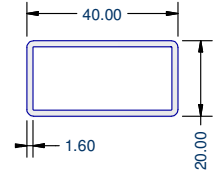
OAD = 20.00 x 20.00 mm  
W = 0.191 kg/m P = 62.8 mm  
 $I_x = 3143.99 \text{ mm}^4$   $I_y = 3143.99 \text{ mm}^4$   
POLAR MI = 62879.8 mm<sup>4</sup>



### UA5489 - NZ

#### RHS RAILING

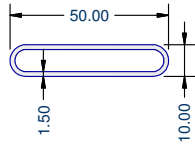
OAD = 40.00 x 20.00 mm  
W = 0.483 kg/m P = 116.9 mm  
 $I_x = 11874.5 \text{ mm}^4$   $I_y = 35853.65 \text{ mm}^4$   
POLAR MI = 477281.5 mm<sup>4</sup>



### UA1855 - NZ

#### FENCE SLAT

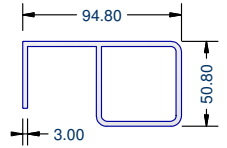
OAD = 50.00 x 10.00 mm  
W = 0.432 kg/m P = 111.4 mm  
 $I_x = 2563.02 \text{ mm}^4$   $I_y = 36775.14 \text{ mm}^4$   
POLAR MI = 393381.6 mm<sup>4</sup>



### UA6272 - AUS

#### GATE TOP TRACK

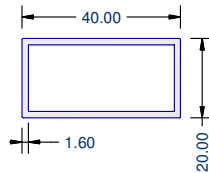
OAD = 94.80 x 50.80 mm  
W = 0.799 kg/m P = 356.6 mm  
 $I_x = 254890.9 \text{ mm}^4$   $I_y = 819749.77 \text{ mm}^4$   
POLAR MI = 10746406.7 mm<sup>4</sup>



### UA1988 - NZ/AUS

#### RHS RAILING

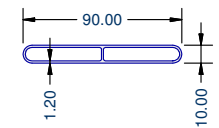
OAD = 40.00 x 20.00 mm  
W = 0.491 kg/m P = 119.5 mm  
 $I_x = 12118.04 \text{ mm}^4$   $I_y = 36865.53 \text{ mm}^4$   
POLAR MI = 489835.7 mm<sup>4</sup>



### UA6393 - NZ

#### FENCE SLAT

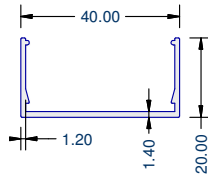
OAD = 90.00 x 10.00 mm  
W = 0.635 kg/m P = 191.4 mm  
 $I_x = 4122.18 \text{ mm}^4$   $I_y = 163289.48 \text{ mm}^4$   
POLAR MI = 1674116.6 mm<sup>4</sup>



### UA2131 - NZ

#### RAIL CHANNEL

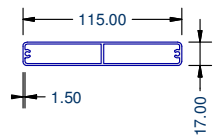
OAD = 40.00 x 20.00 mm  
W = 0.286 kg/m P = 160.8 mm  
 $I_x = 4106.18 \text{ mm}^4$   $I_y = 26083.29 \text{ mm}^4$   
POLAR MI = 301894.7 mm<sup>4</sup>



### UA6856 - NZ

#### FENCE PANEL

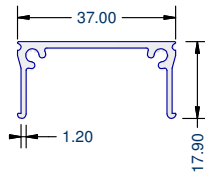
OAD = 115.00 x 17.00 mm  
W = 1.161 kg/m P = 258.8 mm  
 $I_x = 21593.8 \text{ mm}^4$   $I_y = 565995.91 \text{ mm}^4$   
POLAR MI = 5875897.1 mm<sup>4</sup>



### UA2132 - NZ

#### RAIL INSERT

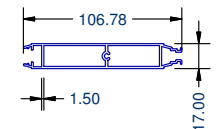
OAD = 37.13 x 17.90 mm  
W = 0.302 kg/m P = 154.8 mm  
 $I_x = 2935.15 \text{ mm}^4$   $I_y = 22267.8 \text{ mm}^4$   
POLAR MI = 252029.5 mm<sup>4</sup>



### UA6857 - NZ

#### TONGUE & GROOVE PLANK

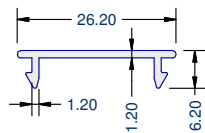
OAD = 106.80 x 17.00 mm  
W = 1.099 kg/m P = 329.3 mm  
 $I_x = 19096.3 \text{ mm}^4$   $I_y = 399929.82 \text{ mm}^4$   
POLAR MI = 4190261.2 mm<sup>4</sup>



### UA2820 - NZ/AUS^

#### FENCE RAIL LID

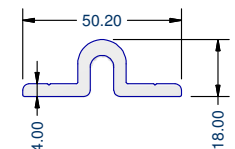
OAD = 26.20 x 6.20 mm  
W = 0.12 kg/m P = 74.5 mm  
 $I_x = 111.98 \text{ mm}^4$   $I_y = 3149.28 \text{ mm}^4$   
POLAR MI = 32612.6 mm<sup>4</sup>



### UA6859 - NZ

#### SLIDING GATE TRACK

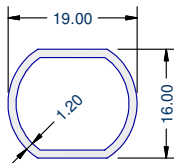
OAD = 50.20 x 18.00 mm  
W = 0.798 kg/m P = 148.9 mm  
 $I_x = 8414.88 \text{ mm}^4$   $I_y = 43834.87 \text{ mm}^4$   
POLAR MI = 522497.5 mm<sup>4</sup>



### UA2821 - NZ

#### RAILING

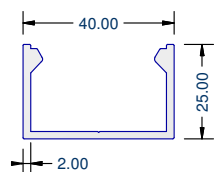
OAD = 19.00 x 16.00 mm  
W = 0.177 kg/m P = 58.5 mm  
 $I_x = 2190.7 \text{ mm}^4$   $I_y = 2648.04 \text{ mm}^4$   
POLAR MI = 48387.4 mm<sup>4</sup>



### UA3616 - NZ

#### BOTTOM CHANNEL

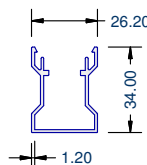
OAD = 40.00 x 25.00 mm  
W = 0.536 kg/m P = 182.1 mm  
 $I_x = 14993.71 \text{ mm}^4$   $I_y = 51368.94 \text{ mm}^4$   
POLAR MI = 663626.5 mm<sup>4</sup>



### UA2822 - NZ

#### FENCE RAIL

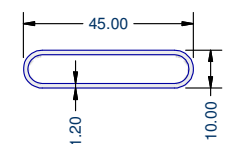
OAD = 26.20 x 34.00 mm  
W = 0.379 kg/m P = 228.1 mm  
 $I_x = 17695.54 \text{ mm}^4$   $I_y = 13740.12 \text{ mm}^4$   
POLAR MI = 314356.6 mm<sup>4</sup>



### UA6394 - NZ

#### FENCE SLAT

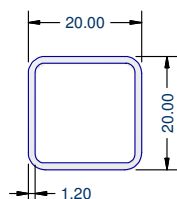
OAD = 45.00 x 10.00 mm  
W = 0.316 kg/m P = 101.4 mm  
 $I_x = 1963.43 \text{ mm}^4$   $I_y = 22334.66 \text{ mm}^4$   
POLAR MI = 242980.9 mm<sup>4</sup>



### UA4090 - AUS

#### SQUARE RAILING

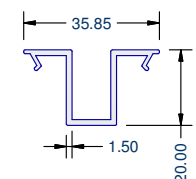
OAD = 20.00 x 20.00 mm  
W = 0.229 kg/m P = 74.8 mm  
 $I_x = 4819.29 \text{ mm}^4$   $I_y = 4819.29 \text{ mm}^4$   
POLAR MI = 96385.8 mm<sup>4</sup>



### UA6397 - NZ

#### 10MM SLAT INSERT

OAD = 35.85 x 20.00 mm  
W = 0.314 kg/m P = 164.6 mm  
 $I_x = 6079.83 \text{ mm}^4$   $I_y = 9095.35 \text{ mm}^4$   
POLAR MI = 151751.8 mm<sup>4</sup>



## FENCING

### UA7092 - NZ

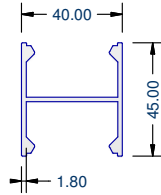
#### BOTTOM RAIL

OAD = 40.00 x 45.00 mm

W = 0.774 kg/m P = 269.7 mm

$I_x = 48111.02 \text{ mm}^4$   $I_y = 83316.67 \text{ mm}^4$

POLAR MI = 1314276.9 mm<sup>4</sup>



### UA7657 - NZ

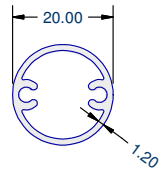
#### FENCE PAILING

OAD = 20.00 x 20.00 mm

W = 0.251 kg/m P = 62.8 mm

$I_x = 3237.29 \text{ mm}^4$   $I_y = 4233.9 \text{ mm}^4$

POLAR MI = 74711.9 mm<sup>4</sup>



### UA10079 - AUS

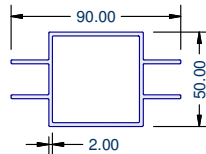
#### POST - 1

OAD = 90.00 x 50.00 mm

W = 1.469 kg/m P = 355.7 mm

$I_x = 161435.02 \text{ mm}^4$   $I_y = 348430.65 \text{ mm}^4$

POLAR MI = 5098656.7 mm<sup>4</sup>



### UA7694 - NZ

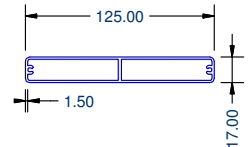
#### FENCE PANEL

OAD = 125.00 x 17.00 mm

W = 1.253 kg/m P = 278.8 mm

$I_x = 23448.48 \text{ mm}^4$   $I_y = 713744.35 \text{ mm}^4$

POLAR MI = 7371928.3 mm<sup>4</sup>



### UA10080 - AUS

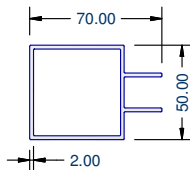
#### POST - 2

OAD = 70.00 x 50.00 mm

W = 1.253 kg/m P = 277.4 mm

$I_x = 154563.26 \text{ mm}^4$   $I_y = 231215.71 \text{ mm}^4$

POLAR MI = 3857789.7 mm<sup>4</sup>



### UA10081 - AUS

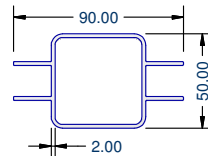
#### POST - 1 - RADIUS CORNERS

OAD = 90.00 x 50.00 mm

W = 1.422 kg/m P = 346.3 mm

$I_x = 150837.3 \text{ mm}^4$   $I_y = 337832.94 \text{ mm}^4$

POLAR MI = 4886702.4 mm<sup>4</sup>



### UA10082 - AUS

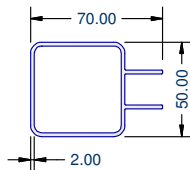
#### POST - 2 - RADIUS CORNERS

OAD = 70.00 x 50.00 mm

W = 1.206 kg/m P = 268 mm

$I_x = 143965.54 \text{ mm}^4$   $I_y = 219970.76 \text{ mm}^4$

POLAR MI = 3639363 mm<sup>4</sup>



### UA7613 - NZ

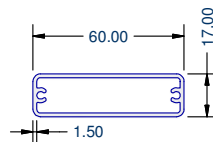
#### 60 X 17 FENCING PANEL

OAD = 60.00 x 17.00 mm

W = 0.647 kg/m P = 148.8 mm

$I_x = 11240.95 \text{ mm}^4$   $I_y = 101759.46 \text{ mm}^4$

POLAR MI = 1130004.1 mm<sup>4</sup>



### UA7654 - NZ

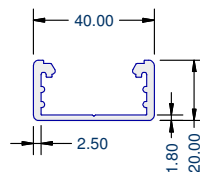
#### FENCE RAIL CHANNEL

OAD = 40.00 x 20.00 mm

W = 0.546 kg/m P = 180.4 mm

$I_x = 9488.67 \text{ mm}^4$   $I_y = 51037.19 \text{ mm}^4$

POLAR MI = 605258.6 mm<sup>4</sup>



### UA7655 - NZ

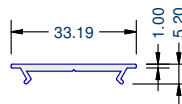
#### FENCE RAIL LID

OAD = 33.19 x 5.20 mm

W = 0.17 kg/m P = 83.9 mm

$I_x = 68.55 \text{ mm}^4$   $I_y = 5674 \text{ mm}^4$

POLAR MI = 57425.5 mm<sup>4</sup>



### UA7656 - NZ

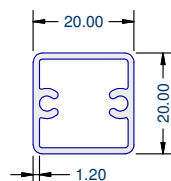
#### FENCE PAILING

OAD = 20.00 x 20.00 mm

W = 0.301 kg/m P = 76.9 mm

$I_x = 5204.16 \text{ mm}^4$   $I_y = 6314.29 \text{ mm}^4$

POLAR MI = 115184.5 mm<sup>4</sup>



## 75mm SHOPFRONT

### UA1285 - NZ

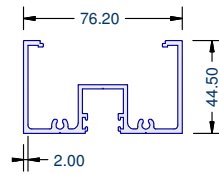
#### MULLION

OAD = 76.20 x 44.50 mm

W = 1.374 kg/m P = 498.1 mm

$I_x = 99653.59 \text{ mm}^4$   $I_y = 375072.18 \text{ mm}^4$

POLAR MI = 4747257.7 mm<sup>4</sup>



### UA1286 - NZ

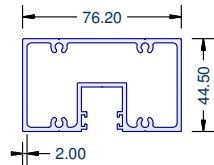
#### MULLION

OAD = 76.20 x 44.50 mm

W = 1.779 kg/m P = 312.2 mm

$I_x = 188033.94 \text{ mm}^4$   $I_y = 421710.53 \text{ mm}^4$

POLAR MI = 6097444.7 mm<sup>4</sup>



### UA1287 - NZ

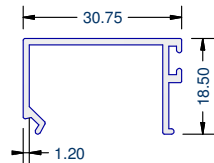
#### GLAZING BEAD

OAD = 30.75 x 18.50 mm

W = 0.24 kg/m P = 146.6 mm

$I_x = 3089.34 \text{ mm}^4$   $I_y = 12342.53 \text{ mm}^4$

POLAR MI = 154318.7 mm<sup>4</sup>



### UA1288 - NZ

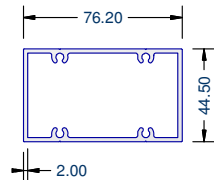
#### PLAIN MULLION

OAD = 76.20 x 44.50 mm

W = 1.477 kg/m P = 241.9 mm

$I_x = 186325.9 \text{ mm}^4$   $I_y = 405294.47 \text{ mm}^4$

POLAR MI = 5916203.7 mm<sup>4</sup>



### UA1289 - NZ

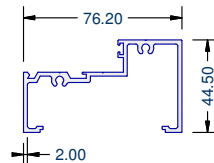
#### SILL TRANSOM

OAD = 76.20 x 44.50 mm

W = 1.132 kg/m P = 413.7 mm

$I_x = 65763.36 \text{ mm}^4$   $I_y = 330734.89 \text{ mm}^4$

POLAR MI = 3964982.5 mm<sup>4</sup>



### UA1290 - NZ

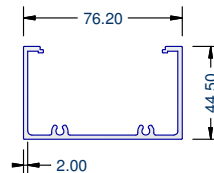
#### MULLION

OAD = 76.20 x 44.50 mm

W = 1.074 kg/m P = 387.2 mm

$I_x = 98447.39 \text{ mm}^4$   $I_y = 362792.11 \text{ mm}^4$

POLAR MI = 4612395 mm<sup>4</sup>



### UA1291 - NZ

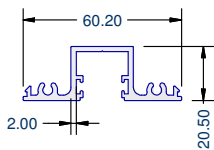
#### GLAZING INFILL

OAD = 60.20 x 20.50 mm

W = 0.719 kg/m P = 267.8 mm

$I_x = 13419.61 \text{ mm}^4$   $I_y = 69965 \text{ mm}^4$

POLAR MI = 833846.1 mm<sup>4</sup>



### UA1292 - NZ

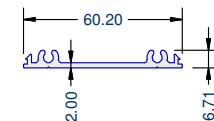
#### FLUSH INFILL

OAD = 60.20 x 6.71 mm

W = 0.454 kg/m P = 168.6 mm

$I_x = 439.82 \text{ mm}^4$   $I_y = 59487.58 \text{ mm}^4$

POLAR MI = 599274 mm<sup>4</sup>



### UA1333 - NZ

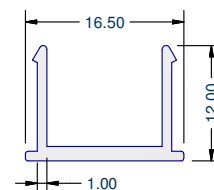
#### POCKET FILLER

OAD = 16.50 x 12.00 mm

W = 0.121 kg/m P = 77.4 mm

$I_x = 606.8 \text{ mm}^4$   $I_y = 1387.86 \text{ mm}^4$

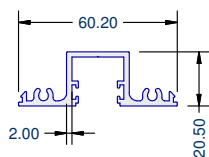
POLAR MI = 19946.6 mm<sup>4</sup>



## 100mm SHOPFRONT

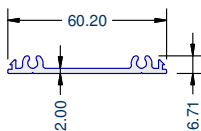
### UA1291 - NZ

GLAZING INFILL  
 OAD = 60.20 x 20.50 mm  
 W = 0.719 kg/m P = 267.8 mm  
 $I_x = 13419.61 \text{ mm}^4$   $I_y = 69965 \text{ mm}^4$   
 POLAR MI = 833846.1 mm<sup>4</sup>



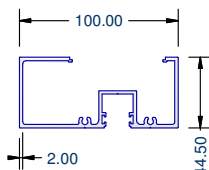
### UA1292 - NZ

FLUSH INFILL  
 OAD = 60.20 x 6.71 mm  
 W = 0.454 kg/m P = 168.6 mm  
 $I_x = 439.82 \text{ mm}^4$   $I_y = 59487.58 \text{ mm}^4$   
 POLAR MI = 599274 mm<sup>4</sup>



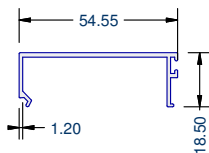
### UA1295 - NZ

MULLION  
 OAD = 100.00 x 44.50 mm  
 W = 1.653 kg/m P = 591.9 mm  
 $I_x = 148443.35 \text{ mm}^4$   $I_y = 749429.29 \text{ mm}^4$   
 POLAR MI = 8978726.4 mm<sup>4</sup>



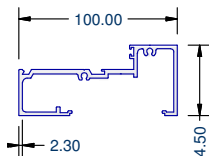
### UA1296 - NZ

GLAZING BEAD  
 OAD = 54.55 x 18.50 mm  
 W = 0.357 kg/m P = 194 mm  
 $I_x = 3893.09 \text{ mm}^4$   $I_y = 52748.71 \text{ mm}^4$   
 POLAR MI = 566418 mm<sup>4</sup>



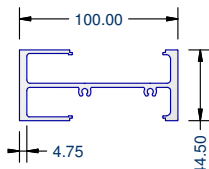
### UA1297 - NZ

SILL TRANSOM  
 OAD = 100.00 x 44.50 mm  
 W = 1.644 kg/m P = 514.4 mm  
 $I_x = 91359.33 \text{ mm}^4$   $I_y = 783485.49 \text{ mm}^4$   
 POLAR MI = 8748448.2 mm<sup>4</sup>



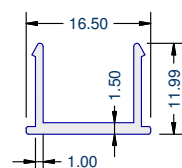
### UA1299 - NZ

MULLION  
 OAD = 100.00 x 44.50 mm  
 W = 2.327 kg/m P = 535.8 mm  
 $I_x = 139774.92 \text{ mm}^4$   $I_y = 1329748.85 \text{ mm}^4$   
 POLAR MI = 14695237.7 mm<sup>4</sup>



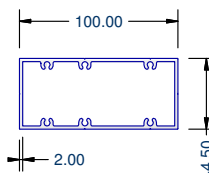
### UA1333 - NZ

POCKET FILLER  
 OAD = 16.50 x 12.00 mm  
 W = 0.121 kg/m P = 77.4 mm  
 $I_x = 606.8 \text{ mm}^4$   $I_y = 1387.86 \text{ mm}^4$   
 POLAR MI = 19946.6 mm<sup>4</sup>



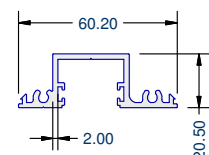
### UA3088 - NZ

PLAIN MULLION  
 OAD = 100.00 x 44.50 mm  
 W = 1.849 kg/m P = 290 mm  
 $I_x = 243353.84 \text{ mm}^4$   $I_y = 812485.18 \text{ mm}^4$   
 POLAR MI = 10558390.2 mm<sup>4</sup>



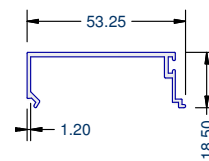
### UA3920 - NZ

GLAZING INFILL  
 OAD = 60.20 x 20.50 mm  
 W = 0.71 kg/m P = 260.8 mm  
 $I_x = 14144.43 \text{ mm}^4$   $I_y = 75257.61 \text{ mm}^4$   
 POLAR MI = 894020.4 mm<sup>4</sup>



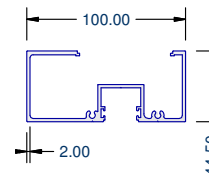
### UA3921 - NZ

GLAZING BEAD  
 OAD = 53.25 x 18.50 mm  
 W = 0.341 kg/m P = 188.9 mm  
 $I_x = 4025.35 \text{ mm}^4$   $I_y = 44828.01 \text{ mm}^4$   
 POLAR MI = 488533.6 mm<sup>4</sup>



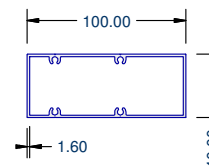
### UA3923 - NZ

MULLION  
 OAD = 100.00 x 44.50 mm  
 W = 1.645 kg/m P = 585.5 mm  
 $I_x = 145712.54 \text{ mm}^4$   $I_y = 749837.32 \text{ mm}^4$   
 POLAR MI = 8955498.6 mm<sup>4</sup>



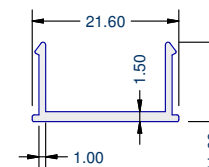
### UA3996 - NZ

MULLION  
 OAD = 100.00 x 40.00 mm  
 W = 1.356 kg/m P = 280.5 mm  
 $I_x = 148595.8 \text{ mm}^4$   $I_y = 587376.82 \text{ mm}^4$   
 POLAR MI = 7359726.2 mm<sup>4</sup>



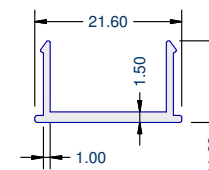
### UA4837 - NZ

POCKET FILLER  
 OAD = 21.60 x 11.69 mm  
 W = 0.141 kg/m P = 86.5 mm  
 $I_x = 633.6 \text{ mm}^4$   $I_y = 2973.87 \text{ mm}^4$   
 POLAR MI = 36074.7 mm<sup>4</sup>



### UA4864 - NZ

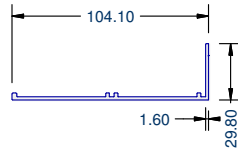
POCKET FILLER  
 OAD = 21.60 x 11.99 mm  
 W = 0.141 kg/m P = 87.4 mm  
 $I_x = 648.4 \text{ mm}^4$   $I_y = 2854.01 \text{ mm}^4$   
 POLAR MI = 35024.1 mm<sup>4</sup>



## T2 SHOPFRONT

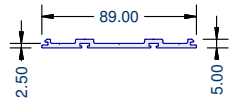
### UA7558 - NZ

SILL TRAY BASE (NZ)  
OAD = 104.10 x 29.80 mm  
W = 0.617 kg/m P = 281 mm  
 $I_x = 7998.68 \text{ mm}^4$   $I_y = 270779.2 \text{ mm}^4$   
POLAR MI = 2787778.8 mm<sup>4</sup>



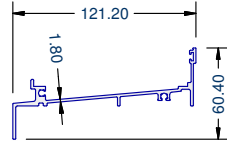
### UA7567 - NZ

CLOSER COVER  
OAD = 89.00 x 5.00 mm  
W = 0.695 kg/m P = 223 mm  
 $I_x = 445.13 \text{ mm}^4$   $I_y = 166980.44 \text{ mm}^4$   
POLAR MI = 1674255.7 mm<sup>4</sup>



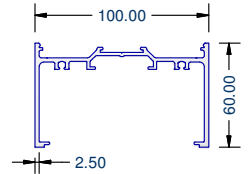
### UA7559 - NZ

SILL TRAY (NZ)  
OAD = 121.20 x 60.40 mm  
W = 1.225 kg/m P = 453.4 mm  
 $I_x = 24887.28 \text{ mm}^4$   $I_y = 902302.45 \text{ mm}^4$   
POLAR MI = 9271897.3 mm<sup>4</sup>



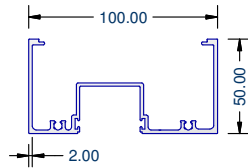
### UA7568 - NZ

EXTENDED TRANSOM/SILL  
OAD = 100.00 x 60.00 mm  
W = 1.685 kg/m P = 548.9 mm  
 $I_x = 194573.51 \text{ mm}^4$   $I_y = 1014133.42 \text{ mm}^4$   
POLAR MI = 12087069.3 mm<sup>4</sup>



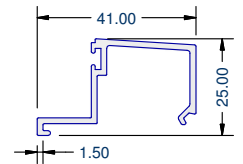
### UA7560 - NZ

HEAD/JAMB  
OAD = 100.00 x 50.00 mm  
W = 1.528 kg/m P = 570.6 mm  
 $I_x = 135015.66 \text{ mm}^4$   $I_y = 786647.8 \text{ mm}^4$   
POLAR MI = 9216634.6 mm<sup>4</sup>



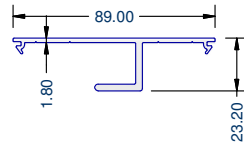
### UA7569 - NZ

EXTERIOR IGU BEAD - SLOPED  
OAD = 41.00 x 25.00 mm  
W = 0.371 kg/m P = 183.9 mm  
 $I_x = 7035.37 \text{ mm}^4$   $I_y = 25272.27 \text{ mm}^4$   
POLAR MI = 323076.4 mm<sup>4</sup>



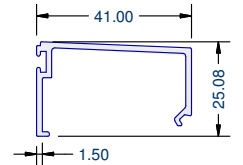
### UA7561 - NZ

FLAT SUPPORT INFILL  
OAD = 89.00 x 23.20 mm  
W = 0.792 kg/m P = 282.9 mm  
 $I_x = 21782.42 \text{ mm}^4$   $I_y = 139917.49 \text{ mm}^4$   
POLAR MI = 1616999.1 mm<sup>4</sup>



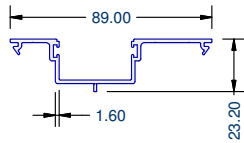
### UA7570 - NZ

EXTERIOR BEAD - SLOPED  
OAD = 41.00 x 25.08 mm  
W = 0.372 kg/m P = 184.7 mm  
 $I_x = 7540.85 \text{ mm}^4$   $I_y = 35952.43 \text{ mm}^4$   
POLAR MI = 434932.8 mm<sup>4</sup>



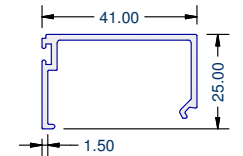
### UA7562 - NZ

GLAZING ADAPTOR - NZ  
OAD = 89.00 x 23.20 mm  
W = 0.641 kg/m P = 300.7 mm  
 $I_x = 13381.85 \text{ mm}^4$   $I_y = 150347.16 \text{ mm}^4$   
POLAR MI = 1637290.1 mm<sup>4</sup>



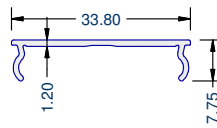
### UA7571 - NZ

SINGLE GLAZE BEAD - INT & EXT  
OAD = 41.00 x 25.00 mm  
W = 0.378 kg/m P = 187.7 mm  
 $I_x = 8131.98 \text{ mm}^4$   $I_y = 37117.21 \text{ mm}^4$   
POLAR MI = 452491.9 mm<sup>4</sup>



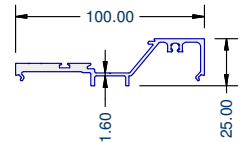
### UA7563 - NZ

POCKET FILLER  
OAD = 33.80 x 7.75 mm  
W = 0.144 kg/m P = 97.2 mm  
 $I_x = 209.67 \text{ mm}^4$   $I_y = 7108.89 \text{ mm}^4$   
POLAR MI = 73185.6 mm<sup>4</sup>



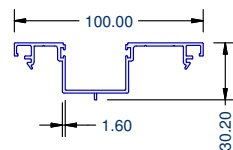
### UA7572 - NZ

DOOR ADAPTOR  
OAD = 100.00 x 25.00 mm  
W = 1.062 kg/m P = 339.6 mm  
 $I_x = 10643.84 \text{ mm}^4$   $I_y = 427686.72 \text{ mm}^4$   
POLAR MI = 4383305.6 mm<sup>4</sup>



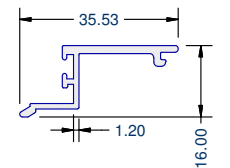
### UA7564 - NZ

GLAZING ADAPTOR - EXPORTS  
OAD = 100.00 x 30.20 mm  
W = 0.867 kg/m P = 415.3 mm  
 $I_x = 29530.98 \text{ mm}^4$   $I_y = 281497.22 \text{ mm}^4$   
POLAR MI = 3110282 mm<sup>4</sup>



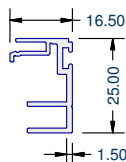
### UA7573 - NZ

40MM DOOR ADAPTOR  
OAD = 35.55 x 16.00 mm  
W = 0.242 kg/m P = 121.8 mm  
 $I_x = 1090.31 \text{ mm}^4$   $I_y = 9312.5 \text{ mm}^4$   
POLAR MI = 104028.1 mm<sup>4</sup>



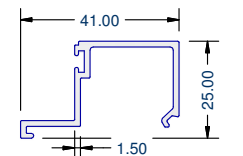
### UA7565 - NZ

SINGLE GLAZE ADAPTOR  
OAD = 16.50 x 25.00 mm  
W = 0.27 kg/m P = 157.6 mm  
 $I_x = 7574.83 \text{ mm}^4$   $I_y = 1843.37 \text{ mm}^4$   
POLAR MI = 94182 mm<sup>4</sup>



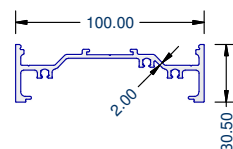
### UA7581 - NZ

EXTERIOR IGU BEAD  
OAD = 41.00 x 25.00 mm  
W = 0.378 kg/m P = 187.2 mm  
 $I_x = 7367.15 \text{ mm}^4$   $I_y = 26471.79 \text{ mm}^4$   
POLAR MI = 338389.4 mm<sup>4</sup>



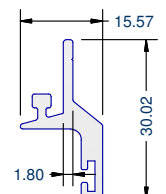
### UA7566 - NZ

SILL/TRANSOM  
OAD = 100.00 x 30.50 mm  
W = 1.316 kg/m P = 420.1 mm  
 $I_x = 27809.9 \text{ mm}^4$   $I_y = 699886.47 \text{ mm}^4$   
POLAR MI = 7276963.7 mm<sup>4</sup>



### UA7582 - NZ

DOOR CLOSER  
OAD = 15.57 x 30.02 mm  
W = 0.319 kg/m P = 107.7 mm  
 $I_x = 5853.83 \text{ mm}^4$   $I_y = 1145.48 \text{ mm}^4$   
POLAR MI = 69993.1 mm<sup>4</sup>



## T2 SHOPFRONT

### UA7677 - NZ

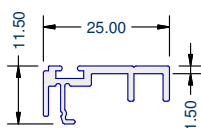
SINGLE SHORT GLAZE ADAPTOR

OAD = 25.00 x 11.50 mm

W = 0.201 kg/m P = 119 mm

$I_x = 513.37 \text{ mm}^4$   $I_y = 5107.66 \text{ mm}^4$

POLAR  $MI = 56210.3 \text{ mm}^4$



## GENERAL SHOPFRONT

### UA1293 - NZ

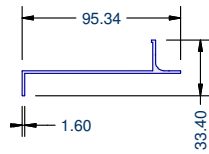
#### FLASHING

OAD = 95.34 x 33.40 mm

W = 0.567 kg/m P = 256.4 mm

$I_x = 4027.36 \text{ mm}^4$   $I_y = 200931.04 \text{ mm}^4$

POLAR MI = 2049584 mm<sup>4</sup>



### UA1294 - NZ

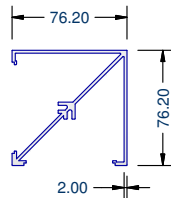
#### CORNER POST

OAD = 76.20 x 76.20 mm

W = 1.713 kg/m P = 601.3 mm

$I_x = 364917.24 \text{ mm}^4$   $I_y = 495774.49 \text{ mm}^4$

POLAR MI = 8606917.3 mm<sup>4</sup>



### UA1298 - NZ

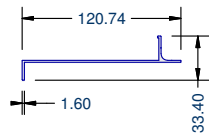
#### FLASHING

OAD = 120.74 x 33.40 mm

W = 0.676 kg/m P = 307.2 mm

$I_x = 4169.71 \text{ mm}^4$   $I_y = 383579.63 \text{ mm}^4$

POLAR MI = 3877493.4 mm<sup>4</sup>



### UA1309 - NZ

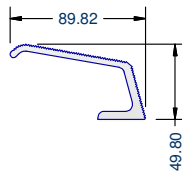
#### DOOR HANDLE

OAD = 89.82 x 49.80 mm

W = 1.817 kg/m P = 330.6 mm

$I_x = 73029.26 \text{ mm}^4$   $I_y = 572673.65 \text{ mm}^4$

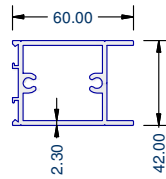
POLAR MI = 6457029.1 mm<sup>4</sup>



## COMMERCIAL DOOR

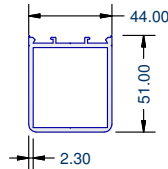
### UA1070 - NZ

TOP RAIL  
OAD = 60.00 x 42.00 mm  
W = 1.414 kg/m P = 253.4 mm  
 $I_x = 130147.7 \text{ mm}^4$   $I_y = 186700.94 \text{ mm}^4$   
POLAR MI = 3168486.4 mm<sup>4</sup>



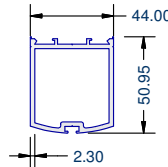
### UA1300 - NZ

HINGE STILE  
OAD = 44.00 x 51.00 mm  
W = 1.132 kg/m P = 211.6 mm  
 $I_x = 143228.98 \text{ mm}^4$   $I_y = 122847.22 \text{ mm}^4$   
POLAR MI = 2660762 mm<sup>4</sup>



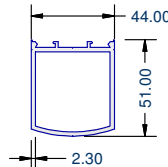
### UA1301 - NZ

WOOLPILE STILE  
OAD = 44.00 x 50.95 mm  
W = 1.161 kg/m P = 221.8 mm  
 $I_x = 141125.23 \text{ mm}^4$   $I_y = 119795.24 \text{ mm}^4$   
POLAR MI = 2609204.7 mm<sup>4</sup>



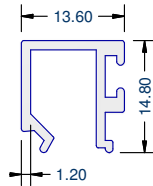
### UA1302 - NZ

PLAIN STILE  
OAD = 44.00 x 51.00 mm  
W = 1.112 kg/m P = 209 mm  
 $I_x = 134800.99 \text{ mm}^4$   $I_y = 119391.43 \text{ mm}^4$   
POLAR MI = 2541924.2 mm<sup>4</sup>



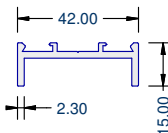
### UA1303 - NZ

GLAZING BEAD  
OAD = 13.60 x 14.80 mm  
W = 0.167 kg/m P = 97.3 mm  
 $I_x = 1289.87 \text{ mm}^4$   $I_y = 1431.1 \text{ mm}^4$   
POLAR MI = 27209.7 mm<sup>4</sup>



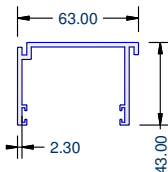
### UA1304 - NZ

VISION RAIL CAP  
OAD = 42.00 x 15.00 mm  
W = 0.447 kg/m P = 155.7 mm  
 $I_x = 1951 \text{ mm}^4$   $I_y = 37825.79 \text{ mm}^4$   
POLAR MI = 397767.9 mm<sup>4</sup>



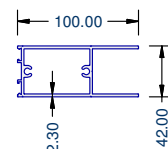
### UA1305 - NZ

TOP TRACK  
OAD = 63.00 x 43.00 mm  
W = 1.002 kg/m P = 338.7 mm  
 $I_x = 75749.98 \text{ mm}^4$   $I_y = 221521.62 \text{ mm}^4$   
POLAR MI = 2972716 mm<sup>4</sup>



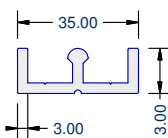
### UA1306 - NZ

BOTTOM RAIL  
OAD = 100.00 x 42.00 mm  
W = 1.912 kg/m P = 382.8 mm  
 $I_x = 202769.34 \text{ mm}^4$   $I_y = 627650.17 \text{ mm}^4$   
POLAR MI = 8304195.1 mm<sup>4</sup>



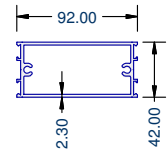
### UA1307 - NZ

BOTTOM TRACK  
OAD = 35.00 x 13.00 mm  
W = 0.54 kg/m P = 138.5 mm  
 $I_x = 3084.52 \text{ mm}^4$   $I_y = 26129.2 \text{ mm}^4$   
POLAR MI = 292137.2 mm<sup>4</sup>



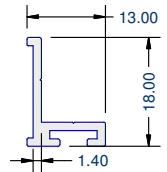
### UA1308 - NZ

VISION RAIL  
OAD = 92.00 x 42.00 mm  
W = 1.842 kg/m P = 314.8 mm  
 $I_x = 189179.66 \text{ mm}^4$   $I_y = 736727.01 \text{ mm}^4$   
POLAR MI = 9259066.7 mm<sup>4</sup>



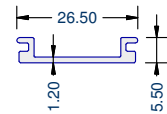
### UA1310 - NZ

WOOLPILE DOOR STOP  
OAD = 13.00 x 18.00 mm  
W = 0.145 kg/m P = 74.7 mm  
 $I_x = 1809.48 \text{ mm}^4$   $I_y = 532.3 \text{ mm}^4$   
POLAR MI = 23417.8 mm<sup>4</sup>



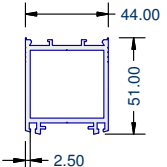
### UA2369 - NZ

STILE GUIDE  
OAD = 26.50 x 5.50 mm  
W = 0.141 kg/m P = 78.2 mm  
 $I_x = 145.21 \text{ mm}^4$   $I_y = 4270.92 \text{ mm}^4$   
POLAR MI = 44161.3 mm<sup>4</sup>



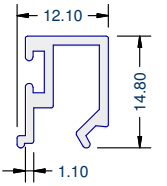
### UA2370 - NZ

STILE  
OAD = 44.00 x 51.00 mm  
W = 1.302 kg/m P = 261 mm  
 $I_x = 143783.53 \text{ mm}^4$   $I_y = 137215.1 \text{ mm}^4$   
POLAR MI = 2809986.3 mm<sup>4</sup>



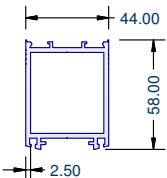
### UA3922 - NZ

GLAZING BEAD  
OAD = 12.10 x 14.80 mm  
W = 0.157 kg/m P = 92.3 mm  
 $I_x = 1216.93 \text{ mm}^4$   $I_y = 907.27 \text{ mm}^4$   
POLAR MI = 21242 mm<sup>4</sup>



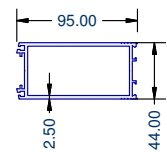
### UA4175 - NZ

STILE  
OAD = 44.00 x 58.00 mm  
W = 1.397 kg/m P = 275 mm  
 $I_x = 203875.73 \text{ mm}^4$   $I_y = 152303.02 \text{ mm}^4$   
POLAR MI = 3561787.5 mm<sup>4</sup>



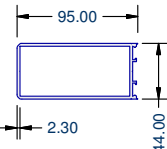
### UA4576 - NZ

STILE  
OAD = 95.00 x 44.00 mm  
W = 1.896 kg/m P = 349 mm  
 $I_x = 232053.43 \text{ mm}^4$   $I_y = 752326.96 \text{ mm}^4$   
POLAR MI = 9843803.9 mm<sup>4</sup>



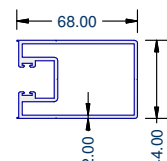
### UA4577 - NZ

HINGE STILE  
OAD = 95.00 x 44.00 mm  
W = 1.678 kg/m P = 299.6 mm  
 $I_x = 210924.28 \text{ mm}^4$   $I_y = 691081.98 \text{ mm}^4$   
POLAR MI = 9020062.6 mm<sup>4</sup>



### UA4907 - NZ

HINGE STILE  
OAD = 68.00 x 44.00 mm  
W = 1.494 kg/m P = 293.2 mm  
 $I_x = 153487.86 \text{ mm}^4$   $I_y = 300323.04 \text{ mm}^4$   
POLAR MI = 4538109 mm<sup>4</sup>



## COMMERCIAL DOOR

### UA4908 - NZ

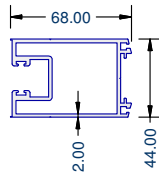
#### LOCK STILE

OAD = 68.00 x 44.00 mm

W = 1.578 kg/m P = 341.9 mm

$I_x = 159527.29 \text{ mm}^4$   $I_y = 302275.53 \text{ mm}^4$

POLAR MI = 4618028.2  $\text{mm}^4$



### UA4909 - NZ

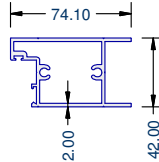
#### TOP RAIL

OAD = 74.10 x 42.00 mm

W = 1.436 kg/m P = 288 mm

$I_x = 123040.08 \text{ mm}^4$   $I_y = 254753.43 \text{ mm}^4$

POLAR MI = 3777935.1  $\text{mm}^4$



### UA4910 - NZ

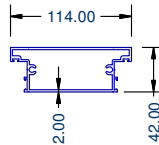
#### MID RAIL

OAD = 114.00 x 42.00 mm

W = 1.925 kg/m P = 359.8 mm

$I_x = 186475.88 \text{ mm}^4$   $I_y = 983018.8 \text{ mm}^4$

POLAR MI = 11694946.8  $\text{mm}^4$



### UA4911 - NZ

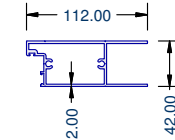
#### BOTTOM RAIL

OAD = 112.00 x 42.00 mm

W = 1.83 kg/m P = 407.8 mm

$I_x = 187839.31 \text{ mm}^4$   $I_y = 710714.61 \text{ mm}^4$

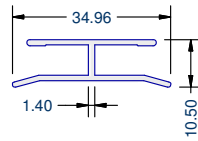
POLAR MI = 8985539.2  $\text{mm}^4$



## UA1474 - NZ

### JOINTER

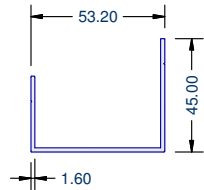
OAD = 35.00 x 10.50 mm  
W = 0.235 kg/m P = 141.5 mm  
 $I_x = 1325.76 \text{ mm}^4$   $I_y = 6762.33 \text{ mm}^4$   
POLAR MI = 80880.9 mm<sup>4</sup>



## UA1502 - NZ

### CHANNEL

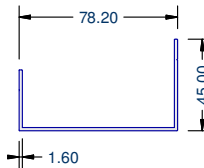
OAD = 53.20 x 45.00 mm  
W = 0.539 kg/m P = 252.9 mm  
 $I_x = 30202.67 \text{ mm}^4$   $I_y = 98300.52 \text{ mm}^4$   
POLAR MI = 1285031.9 mm<sup>4</sup>



## UA1503 - NZ

### CHANNEL

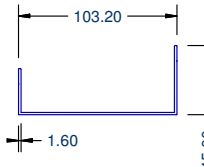
OAD = 78.20 x 45.00 mm  
W = 0.647 kg/m P = 302.9 mm  
 $I_x = 34992.43 \text{ mm}^4$   $I_y = 231585.9 \text{ mm}^4$   
POLAR MI = 2665783.3 mm<sup>4</sup>



## UA1504 - NZ

### CHANNEL

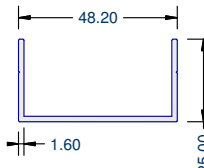
OAD = 103.20 x 45.00 mm  
W = 0.755 kg/m P = 352.9 mm  
 $I_x = 38185.15 \text{ mm}^4$   $I_y = 439996.05 \text{ mm}^4$   
POLAR MI = 4781812 mm<sup>4</sup>



## UA1505 - NZ

### CHANNEL

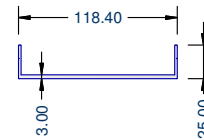
OAD = 48.20 x 25.00 mm  
W = 0.41 kg/m P = 192.9 mm  
 $I_x = 9330.95 \text{ mm}^4$   $I_y = 55430.29 \text{ mm}^4$   
POLAR MI = 647612.4 mm<sup>4</sup>



## UA1506 - NZ

### CHANNEL

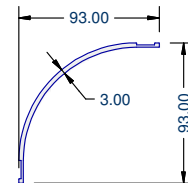
OAD = 118.40 x 25.00 mm  
W = 1.16 kg/m P = 330.5 mm  
 $I_x = 12879.21 \text{ mm}^4$   $I_y = 668613.77 \text{ mm}^4$   
POLAR MI = 6814929.8 mm<sup>4</sup>



## UA1512 - NZ

### COVING

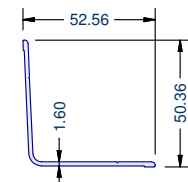
OAD = 93.00 x 93.00 mm  
W = 1.119 kg/m P = 311.3 mm  
 $I_x = 38017.89 \text{ mm}^4$   $I_y = 576293.92 \text{ mm}^4$   
POLAR MI = 6143118.1 mm<sup>4</sup>



## UA1517 - NZ

### INTERNAL ANGLE

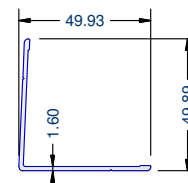
OAD = 50.36 x 50.36 mm  
W = 0.423 kg/m P = 196.9 mm  
 $I_x = 14768.06 \text{ mm}^4$   $I_y = 68981.28 \text{ mm}^4$   
POLAR MI = 837493.4 mm<sup>4</sup>



## UA1518 - NZ

### EXTERNAL ANGLE

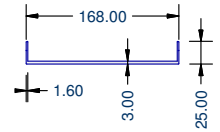
OAD = 49.93 x 49.89 mm  
W = 0.429 kg/m P = 198.8 mm  
 $I_x = 62610.84 \text{ mm}^4$   $I_y = 17080.25 \text{ mm}^4$   
POLAR MI = 796910.9 mm<sup>4</sup>



## UA1523 - NZ

### CHANNEL

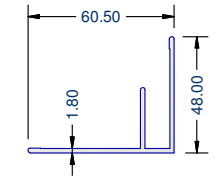
OAD = 168.00 x 25.00 mm  
W = 1.549 kg/m P = 428.9 mm  
 $I_x = 12581.97 \text{ mm}^4$   $I_y = 1667406.36 \text{ mm}^4$   
POLAR MI = 16799883.3 mm<sup>4</sup>



## UA1915 - NZ

### SCOTIA

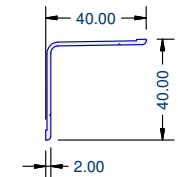
OAD = 60.50 x 48.00 mm  
W = 0.643 kg/m P = 265.5 mm  
 $I_x = 23072.74 \text{ mm}^4$   $I_y = 97896.11 \text{ mm}^4$   
POLAR MI = 1209688.5 mm<sup>4</sup>



## UA1948 - NZ

### INTERNAL ANGLE

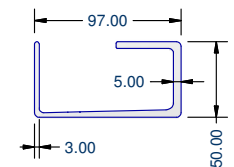
OAD = 40.00 x 40.00 mm  
W = 0.313 kg/m P = 154.5 mm  
 $I_x = 6808.51 \text{ mm}^4$   $I_y = 30929.02 \text{ mm}^4$   
POLAR MI = 377375.3 mm<sup>4</sup>



## UA1993 - NZ

### SLIDING DOOR CHANNEL

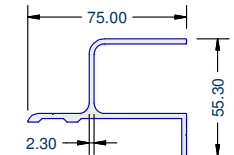
OAD = 97.00 x 50.00 mm  
W = 2.507 kg/m P = 451.8 mm  
 $I_x = 320858.05 \text{ mm}^4$   $I_y = 1133600.93 \text{ mm}^4$   
POLAR MI = 14544589.8 mm<sup>4</sup>



## UA1994 - NZ

### SLIDING DOOR CHANNEL

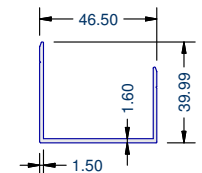
OAD = 75.00 x 55.30 mm  
W = 1.123 kg/m P = 340 mm  
 $I_x = 110962.63 \text{ mm}^4$   $I_y = 179902.06 \text{ mm}^4$   
POLAR MI = 2908646.9 mm<sup>4</sup>



## UA2166 - NZ

### CHANNEL CAP

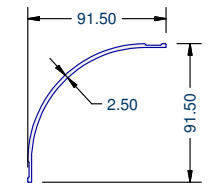
OAD = 46.50 x 40.00 mm  
W = 0.467 kg/m P = 228.4 mm  
 $I_x = 21840.38 \text{ mm}^4$   $I_y = 6424.243 \text{ mm}^4$   
POLAR MI = 860828.1 mm<sup>4</sup>



## UA2491 - NZ/AUS

### COVING

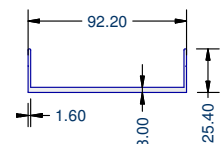
OAD = 91.50 x 91.50 mm  
W = 0.941 kg/m P = 301.6 mm  
 $I_x = 31345.82 \text{ mm}^4$   $I_y = 487161.37 \text{ mm}^4$   
POLAR MI = 5185071.9 mm<sup>4</sup>



## UA2526 - NZ

### CHANNEL

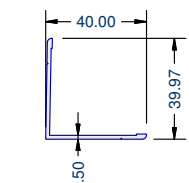
OAD = 92.20 x 25.40 mm  
W = 0.938 kg/m P = 278.9 mm  
 $I_x = 12117.59 \text{ mm}^4$   $I_y = 341463.13 \text{ mm}^4$   
POLAR MI = 3535807.2 mm<sup>4</sup>



## UA2527 - NZ

### EXTERNAL ANGLE

OAD = 40.00 x 39.97 mm  
W = 0.325 kg/m P = 160.7 mm  
 $I_x = 31445.52 \text{ mm}^4$   $I_y = 8215.14 \text{ mm}^4$   
POLAR MI = 396606.6 mm<sup>4</sup>

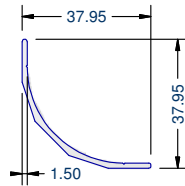


## COOL ROOM

### UA2563 - NZ

#### COVING

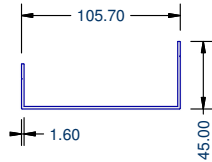
OAD = 37.95 x 37.95 mm  
W = 0.274 kg/m P = 126.6 mm  
 $I_x = 1955.97 \text{ mm}^4$   $I_y = 24549.45 \text{ mm}^4$   
POLAR MI = 265054.2 mm<sup>4</sup>



### UA2622 - NZ

#### CHANNEL

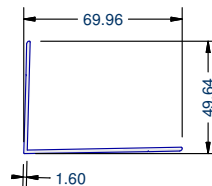
OAD = 105.70 x 45.00 mm  
W = 0.766 kg/m P = 357.9 mm  
 $I_x = 38452.65 \text{ mm}^4$   $I_y = 465436.58 \text{ mm}^4$   
POLAR MI = 5038892.3 mm<sup>4</sup>



### UA2675 - NZ

#### EXTERNAL ANGLE

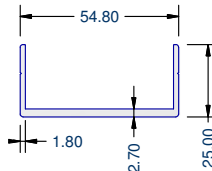
OAD = 69.96 x 49.64 mm  
W = 0.508 kg/m P = 238.2 mm  
 $I_x = 23717.16 \text{ mm}^4$   $I_y = 113038.79 \text{ mm}^4$   
POLAR MI = 1367559.5 mm<sup>4</sup>



### UA2728 - NZ

#### CHANNEL

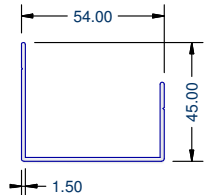
OAD = 54.80 x 25.00 mm  
W = 0.613 kg/m P = 202.7 mm  
 $I_x = 11349.94 \text{ mm}^4$   $I_y = 92632.16 \text{ mm}^4$   
POLAR MI = 1039821 mm<sup>4</sup>



### UA2799 - NZ

#### CHANNEL

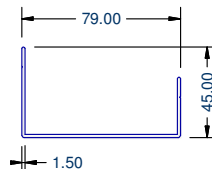
OAD = 54.00 x 45.00 mm  
W = 0.507 kg/m P = 253.5 mm  
 $I_x = 28252.89 \text{ mm}^4$   $I_y = 94952.6 \text{ mm}^4$   
POLAR MI = 1232054.9 mm<sup>4</sup>



### UA2800 - NZ

#### CHANNEL

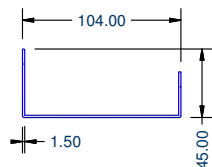
OAD = 79.00 x 45.00 mm  
W = 0.608 kg/m P = 303.5 mm  
 $I_x = 32636 \text{ mm}^4$   $I_y = 221593.18 \text{ mm}^4$   
POLAR MI = 2542291.8 mm<sup>4</sup>



### UA2801 - NZ

#### CHANNEL

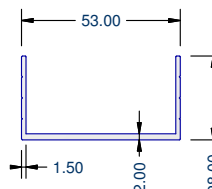
OAD = 104.00 x 45.00 mm  
W = 0.709 kg/m P = 353.5 mm  
 $I_x = 35575 \text{ mm}^4$   $I_y = 418806.6 \text{ mm}^4$   
POLAR MI = 4543816 mm<sup>4</sup>



### UA2895 - NZ

#### CHANNEL

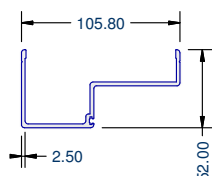
OAD = 53.00 x 28.00 mm  
W = 0.495 kg/m P = 214.7 mm  
 $I_x = 13155.91 \text{ mm}^4$   $I_y = 76091.72 \text{ mm}^4$   
POLAR MI = 892476.3 mm<sup>4</sup>



### UA3204 - NZ

#### 100MM DOOR REBATED

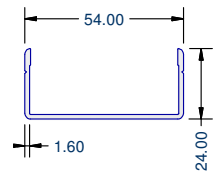
OAD = 105.80 x 52.00 mm  
W = 1.406 kg/m P = 417.1 mm  
 $I_x = 96266.31 \text{ mm}^4$   $I_y = 716696.59 \text{ mm}^4$   
POLAR MI = 8129629 mm<sup>4</sup>



### UA3205 - NZ

#### DOOR CHANNEL

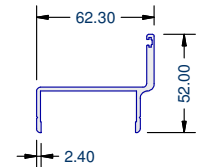
OAD = 54.00 x 24.00 mm  
W = 0.429 kg/m P = 198.8 mm  
 $I_x = 9064.99 \text{ mm}^4$   $I_y = 70400.42 \text{ mm}^4$   
POLAR MI = 794654.1 mm<sup>4</sup>



### UA3229 - NZ

#### 50MM DOOR REBATED

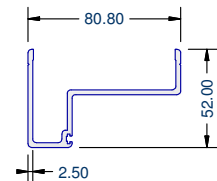
OAD = 62.30 x 52.00 mm  
W = 0.851 kg/m P = 276 mm  
 $I_x = 29147.8 \text{ mm}^4$   $I_y = 179909.24 \text{ mm}^4$   
POLAR MI = 2090570.4 mm<sup>4</sup>



### UA3230 - NZ

#### 75MM DOOR REBATED

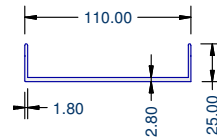
OAD = 80.80 x 52.00 mm  
W = 1.24 kg/m P = 366.3 mm  
 $I_x = 68597.56 \text{ mm}^4$   $I_y = 395919.25 \text{ mm}^4$   
POLAR MI = 4645168.1 mm<sup>4</sup>



### UA3714 - NZ

#### DOOR CHANNEL

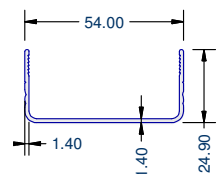
OAD = 110.00 x 25.00 mm  
W = 1.045 kg/m P = 313.1 mm  
 $I_x = 13064.77 \text{ mm}^4$   $I_y = 541759.32 \text{ mm}^4$   
POLAR MI = 5548240.9 mm<sup>4</sup>



### UA3812 - NZ

#### CHANNEL

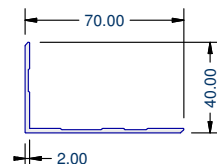
OAD = 54.00 x 24.90 mm  
W = 0.361 kg/m P = 201.9 mm  
 $I_x = 7850.26 \text{ mm}^4$   $I_y = 58473.96 \text{ mm}^4$   
POLAR MI = 663242.2 mm<sup>4</sup>



### UA3830 - NZ

#### EXTERNAL ANGLE

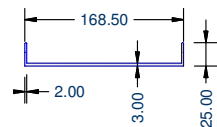
OAD = 70.00 x 40.00 mm  
W = 0.516 kg/m P = 219.2 mm  
 $I_x = 15922.33 \text{ mm}^4$   $I_y = 113933.65 \text{ mm}^4$   
POLAR MI = 1298559.8 mm<sup>4</sup>



### UA3836 - NZ

#### CHANNEL

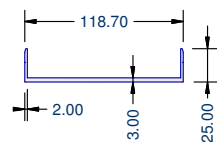
OAD = 168.50 x 25.00 mm  
W = 1.6 kg/m P = 429.5 mm  
 $I_x = 15221.82 \text{ mm}^4$   $I_y = 1798444.2 \text{ mm}^4$   
POLAR MI = 18136660.2 mm<sup>4</sup>



### UA3837 - NZ

#### CHANNEL

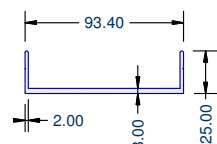
OAD = 118.70 x 25.00 mm  
W = 1.191 kg/m P = 329.2 mm  
 $I_x = 13673.79 \text{ mm}^4$   $I_y = 707347.61 \text{ mm}^4$   
POLAR MI = 7210214 mm<sup>4</sup>



### UA3838 - NZ

#### CHANNEL

OAD = 93.40 x 25.00 mm  
W = 0.991 kg/m P = 279.3 mm  
 $I_x = 13849.68 \text{ mm}^4$   $I_y = 385243.37 \text{ mm}^4$   
POLAR MI = 3990930.5 mm<sup>4</sup>

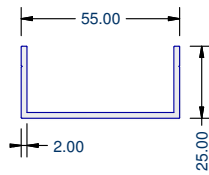


## COOL ROOM

### UA4254 - NZ

#### CHANNEL

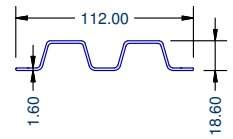
OAD = 55.00 x 25.00 mm  
W = 0.545 kg/m P = 205.7 mm  
 $I_x = 11869.84 \text{ mm}^4$   $I_y = 92148.3 \text{ mm}^4$   
POLAR MI = 1040181.4 mm<sup>4</sup>



### UA6457 - AUS

#### RUB RAIL

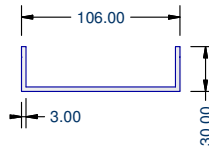
OAD = 112.00 x 18.60 mm  
W = 0.692 kg/m P = 319.5 mm  
 $I_x = 13027.89 \text{ mm}^4$   $I_y = 247114.7 \text{ mm}^4$   
POLAR MI = 2601425.9 mm<sup>4</sup>



### UA4255 - NZ

#### CHANNEL

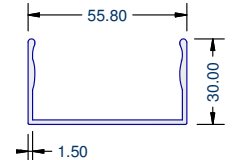
OAD = 106.00 x 30.00 mm  
W = 1.295 kg/m P = 325.7 mm  
 $I_x = 34135.62 \text{ mm}^4$   $I_y = 726722.99 \text{ mm}^4$   
POLAR MI = 7608586.1 mm<sup>4</sup>



### UA6460 - AUS

#### CHANNEL

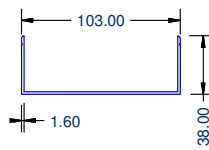
OAD = 55.80 x 30.00 mm  
W = 0.506 kg/m P = 228.6 mm  
 $I_x = 18053.03 \text{ mm}^4$   $I_y = 97125.41 \text{ mm}^4$   
POLAR MI = 1151784.4 mm<sup>4</sup>



### UA5895 - NZ/AUS

#### CHANNEL

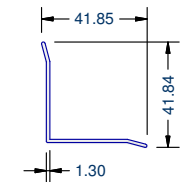
OAD = 103.00 x 38.00 mm  
W = 0.755 kg/m P = 353.3 mm  
 $I_x = 36442.38 \text{ mm}^4$   $I_y = 441217.06 \text{ mm}^4$   
POLAR MI = 4776594.4 mm<sup>4</sup>



### UA6616 - AUS

#### PREFAB INT CORNER

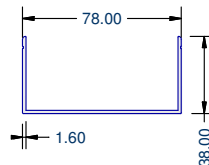
OAD = 41.85 x 41.84 mm  
W = 0.276 kg/m P = 159.4 mm  
 $I_x = 6236.07 \text{ mm}^4$   $I_y = 27162.26 \text{ mm}^4$   
POLAR MI = 333983.3 mm<sup>4</sup>



### UA5896 - NZ/AUS

#### CHANNEL

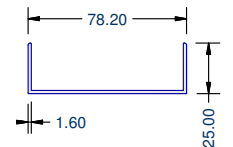
OAD = 78.00 x 38.00 mm  
W = 0.647 kg/m P = 303.3 mm  
 $I_x = 33644.68 \text{ mm}^4$   $I_y = 231033.58 \text{ mm}^4$   
POLAR MI = 2646782.6 mm<sup>4</sup>



### UA6617 - AUS

#### CHANNEL

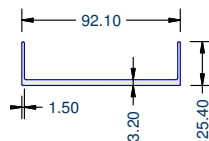
OAD = 78.20 x 25.00 mm  
W = 0.538 kg/m P = 251.6 mm  
 $I_x = 10574.8 \text{ mm}^4$   $I_y = 172768.02 \text{ mm}^4$   
POLAR MI = 1833428.2 mm<sup>4</sup>



### UA5897 - NZ/AUS

#### CHANNEL

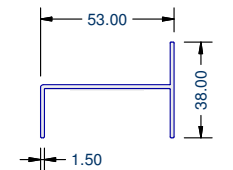
OAD = 92.10 x 25.40 mm  
W = 0.976 kg/m P = 276.7 mm  
 $I_x = 11528.64 \text{ mm}^4$   $I_y = 345187.98 \text{ mm}^4$   
POLAR MI = 3567166.2 mm<sup>4</sup>



### UA6620 - AUS

#### PREFAB DOOR CHANNEL

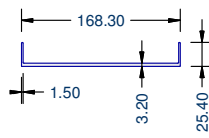
OAD = 53.00 x 38.00 mm  
W = 0.44 kg/m P = 219.2 mm  
 $I_x = 9243.19 \text{ mm}^4$   $I_y = 72318.49 \text{ mm}^4$   
POLAR MI = 815616.8 mm<sup>4</sup>



### UA5898 - NZ/AUS

#### CHANNEL

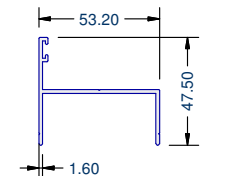
OAD = 168.30 x 25.40 mm  
W = 1.634 kg/m P = 429.1 mm  
 $I_x = 12515.27 \text{ mm}^4$   $I_y = 1735180.13 \text{ mm}^4$   
POLAR MI = 17476954 mm<sup>4</sup>



### UA6622 - AUS

#### PREFAB DOOR STOP

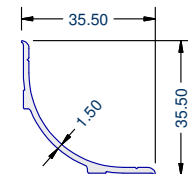
OAD = 53.20 x 47.50 mm  
W = 0.552 kg/m P = 260.1 mm  
 $I_x = 20063.8 \text{ mm}^4$   $I_y = 95840.37 \text{ mm}^4$   
POLAR MI = 1159041.7 mm<sup>4</sup>



### UA5899 - NZ/AUS

#### COVING

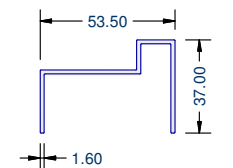
OAD = 35.50 x 35.50 mm  
W = 0.255 kg/m P = 120.9 mm  
 $I_x = 1516.75 \text{ mm}^4$   $I_y = 19790.99 \text{ mm}^4$   
POLAR MI = 213077.4 mm<sup>4</sup>



### UA6663 - AUS

#### PREFAB DOOR FRAME

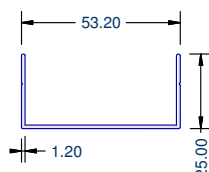
OAD = 53.50 x 37.00 mm  
W = 0.537 kg/m P = 250.2 mm  
 $I_x = 17272.77 \text{ mm}^4$   $I_y = 85779.68 \text{ mm}^4$   
POLAR MI = 1030524.5 mm<sup>4</sup>



### UA5900 - AUS

#### CHANNEL

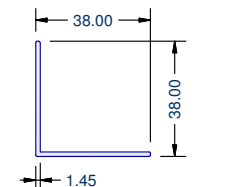
OAD = 53.20 x 25.00 mm  
W = 0.325 kg/m P = 203 mm  
 $I_x = 7292.91 \text{ mm}^4$   $I_y = 53283.48 \text{ mm}^4$   
POLAR MI = 605763.9 mm<sup>4</sup>



### UA6877 - NZ

#### ANGLE

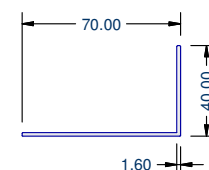
OAD = 38.00 x 38.00 mm  
W = 0.291 kg/m P = 151.1 mm  
 $I_x = 6251.24 \text{ mm}^4$   $I_y = 24946.72 \text{ mm}^4$   
POLAR MI = 311979.6 mm<sup>4</sup>



### UA5938 - NZ/AUS

#### ANGLE

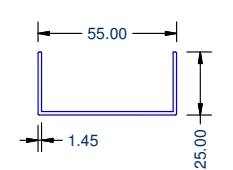
OAD = 70.00 x 40.00 mm  
W = 0.468 kg/m P = 219.1 mm  
 $I_x = 13968.89 \text{ mm}^4$   $I_y = 101347.83 \text{ mm}^4$   
POLAR MI = 1153167.2 mm<sup>4</sup>



### UA6878 - NZ

#### CHANNEL

OAD = 55.00 x 25.00 mm  
W = 0.399 kg/m P = 206.1 mm  
 $I_x = 8869.3 \text{ mm}^4$   $I_y = 68926.22 \text{ mm}^4$   
POLAR MI = 777955.2 mm<sup>4</sup>



## COOL ROOM

### UA6879 - NZ

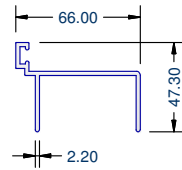
#### DOOR FRAME

OAD = 66.00 x 47.30 mm

W = 0.882 kg/m P = 297.4 mm

$I_x = 35636.91 \text{ mm}^4$   $I_y = 198722.14 \text{ mm}^4$

POLAR MI = 2343590.5 mm<sup>4</sup>



### UA6880 - NZ

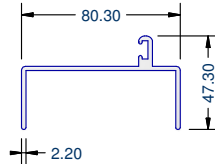
#### DOOR FRAME

OAD = 80.30 x 47.30 mm

W = 1.002 kg/m P = 323.3 mm

$I_x = 40508.12 \text{ mm}^4$   $I_y = 321309.48 \text{ mm}^4$

POLAR MI = 3618176 mm<sup>4</sup>



### UA7172 - NZ

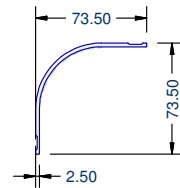
#### COVING

OAD = 73.50 x 73.50 mm

W = 0.804 kg/m P = 258.8 mm

$I_x = 31634.17 \text{ mm}^4$   $I_y = 266424.77 \text{ mm}^4$

POLAR MI = 2980589.4 mm<sup>4</sup>



### UA6435 - AUS

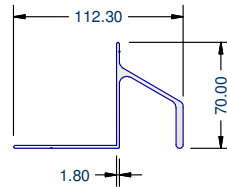
#### COLD ROOM

OAD = 112.30 x 70.00 mm

W = 1.446 kg/m P = 421.1 mm

$I_x = 182082.5 \text{ mm}^4$   $I_y = 495858.51 \text{ mm}^4$

POLAR MI = 6779410.1 mm<sup>4</sup>



### UA6829 - AUS

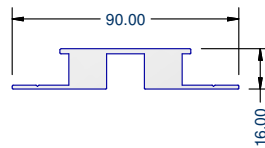
#### COLD ROOM

OAD = 90.00 x 16.00 mm

W = 1.607 kg/m P = 253 mm

$I_x = 16046.42 \text{ mm}^4$   $I_y = 209857.09 \text{ mm}^4$

POLAR MI = 2259035.1 mm<sup>4</sup>



### UA8940 - AUS

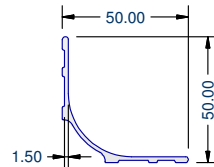
#### COOL ROOM SECTION

OAD = 50.00 x 50.00 mm

W = 0.456 kg/m P = 182.1 mm

$I_x = 9834.77 \text{ mm}^4$   $I_y = 72583.5 \text{ mm}^4$

POLAR MI = 824182.7 mm<sup>4</sup>



### UA8974 - AUS

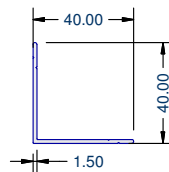
#### ANGLE - COOLROOM

OAD = 40.00 x 40.00 mm

W = 0.316 kg/m P = 159.4 mm

$I_x = 7466.74 \text{ mm}^4$   $I_y = 29691.05 \text{ mm}^4$

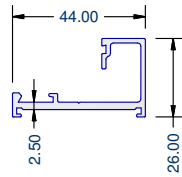
POLAR MI = 371577.9 mm<sup>4</sup>



## DESIGNER 1000 PARTITIONING SUITE

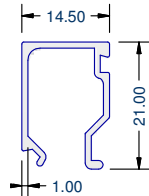
### UA1034 - NZ

GLAZING BAR BASE  
OAD = 44.00 x 26.00 mm  
W = 0.532 kg/m P = 209.9 mm  
 $I_x = 9773.37 \text{ mm}^4$   $I_y = 44446.36 \text{ mm}^4$   
POLAR MI = 542197.3 mm<sup>4</sup>



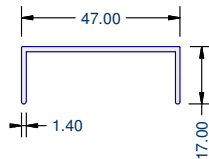
### UA1035 - NZ

GLAZING BEAD  
OAD = 14.50 x 21.00 mm  
W = 0.175 kg/m P = 120 mm  
 $I_x = 3174.36 \text{ mm}^4$   $I_y = 2020.11 \text{ mm}^4$   
POLAR MI = 51944.7 mm<sup>4</sup>



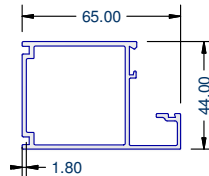
### UA1043 - NZ

PARTITION DUCT BASE  
OAD = 47.00 x 17.00 mm  
W = 0.306 kg/m P = 157.5 mm  
 $I_x = 2753.08 \text{ mm}^4$   $I_y = 35307.52 \text{ mm}^4$   
POLAR MI = 380606 mm<sup>4</sup>



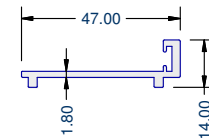
### UA1046 - NZ

DOOR PILLAR POST  
OAD = 65.00 x 44.00 mm  
W = 1.068 kg/m P = 287.3 mm  
 $I_x = 104012.44 \text{ mm}^4$   $I_y = 185771.72 \text{ mm}^4$   
POLAR MI = 2897841.6 mm<sup>4</sup>



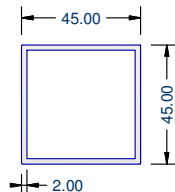
### UA1047 - NZ

PILLAR POST JAMB - 40MM DOOR  
OAD = 47.00 x 14.00 mm  
W = 0.353 kg/m P = 138 mm  
 $I_x = 956.32 \text{ mm}^4$   $I_y = 32535.1 \text{ mm}^4$   
POLAR MI = 334914.2 mm<sup>4</sup>



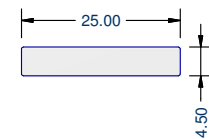
### UA1049 - NZ

PARTITION FRAME  
OAD = 45.00 x 45.00 mm  
W = 0.929 kg/m P = 179.5 mm  
 $I_x = 106199.79 \text{ mm}^4$   $I_y = 106199.79 \text{ mm}^4$   
POLAR MI = 2123995.8 mm<sup>4</sup>



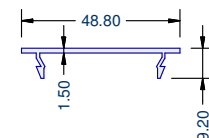
### UA1181 - NZ

FLAT BAR - SKIRTING  
OAD = 25.00 x 4.50 mm  
W = 0.304 kg/m P = 58.5 mm  
 $I_x = 189.48 \text{ mm}^4$   $I_y = 5847.43 \text{ mm}^4$   
POLAR MI = 60369.1 mm<sup>4</sup>



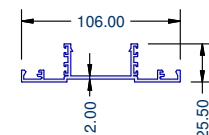
### UA1313 - NZ

DOUBLE GLAZING CAP  
OAD = 48.80 x 9.20 mm  
W = 0.253 kg/m P = 136.5 mm  
 $I_x = 465.79 \text{ mm}^4$   $I_y = 21530.31 \text{ mm}^4$   
POLAR MI = 219961 mm<sup>4</sup>



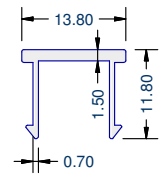
### UA1314 - NZ

DOUBLE GLAZING BASE  
OAD = 106.00 x 25.50 mm  
W = 1.088 kg/m P = 434.3 mm  
 $I_x = 19750.23 \text{ mm}^4$   $I_y = 377361.48 \text{ mm}^4$   
POLAR MI = 3971117.1 mm<sup>4</sup>



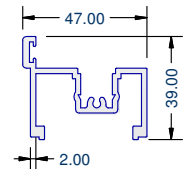
### UA1315 - NZ/AUS<sup>A</sup>

DOOR JAMB CAP  
OAD = 13.80 x 11.80 mm  
W = 0.1 kg/m P = 73 mm  
 $I_x = 504.58 \text{ mm}^4$   $I_y = 767.1 \text{ mm}^4$   
POLAR MI = 12716.8 mm<sup>4</sup>



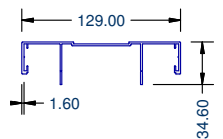
### UA1316 - NZ

DOOR JAMB - 40MM DOOR  
OAD = 47.00 x 39.00 mm  
W = 0.901 kg/m P = 316.5 mm  
 $I_x = 26910.13 \text{ mm}^4$   $I_y = 95578.53 \text{ mm}^4$   
POLAR MI = 1224886.6 mm<sup>4</sup>



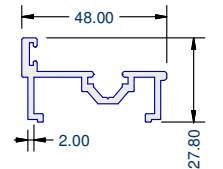
### UA1672 - NZ

25MM HEAD STARTER  
OAD = 129.00 x 34.60 mm  
W = 1.126 kg/m P = 537.9 mm  
 $I_x = 40096.89 \text{ mm}^4$   $I_y = 821273.23 \text{ mm}^4$   
POLAR MI = 8613701.2 mm<sup>4</sup>



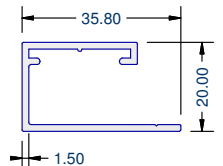
### UA1788 - NZ

DOOR JAMB - 40MM DOOR  
OAD = 48.00 x 27.80 mm  
W = 0.671 kg/m P = 233.6 mm  
 $I_x = 8373.96 \text{ mm}^4$   $I_y = 70345.23 \text{ mm}^4$   
POLAR MI = 787191.9 mm<sup>4</sup>



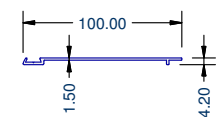
### UA1934 - NZ

13MM GIB LINING CAP  
OAD = 35.80 x 20.00 mm  
W = 0.353 kg/m P = 176 mm  
 $I_x = 8400.76 \text{ mm}^4$   $I_y = 15185.79 \text{ mm}^4$   
POLAR MI = 235865.5 mm<sup>4</sup>



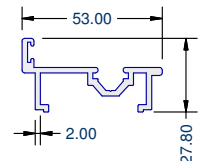
### UA1941 - NZ

SKIRTING  
OAD = 100.00 x 4.20 mm  
W = 0.44 kg/m P = 218.6 mm  
 $I_x = 141.32 \text{ mm}^4$   $I_y = 147280.32 \text{ mm}^4$   
POLAR MI = 1474216.4 mm<sup>4</sup>



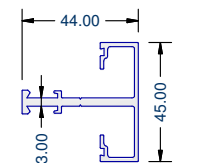
### UA2062 - NZ

DOOR JAMB - 45MM DOOR  
OAD = 53.00 x 27.80 mm  
W = 0.687 kg/m P = 242.6 mm  
 $I_x = 7978.75 \text{ mm}^4$   $I_y = 81328.34 \text{ mm}^4$   
POLAR MI = 893070.9 mm<sup>4</sup>



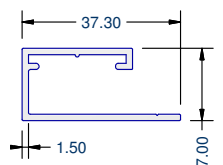
### UA2400 - NZ

GLAZING BAR MULLION  
OAD = 44.00 x 45.00 mm  
W = 0.783 kg/m P = 294.4 mm  
 $I_x = 39271.35 \text{ mm}^4$   $I_y = 57122.51 \text{ mm}^4$   
POLAR MI = 963938.6 mm<sup>4</sup>



### UA2542 - NZ

10MM GIB LINING CAP  
OAD = 37.30 x 17.00 mm  
W = 0.347 kg/m P = 172.9 mm  
 $I_x = 5862.69 \text{ mm}^4$   $I_y = 15451.13 \text{ mm}^4$   
POLAR MI = 213138.2 mm<sup>4</sup>

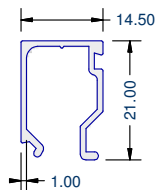


## DESIGNER 1000 PARTITIONING SUITE

### UA3209 - NZ

#### GLAZING BEAD

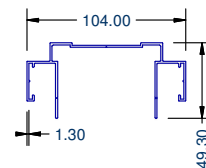
OAD = 14.50 x 21.00 mm  
W = 0.178 kg/m P = 120.5 mm  
 $I_x = 3301.06 \text{ mm}^4$   $I_y = 2048.88 \text{ mm}^4$   
POLAR MI = 53499.4 mm<sup>4</sup>



### UA6542 - NZ

#### 13MM GIB HEAD STARTER

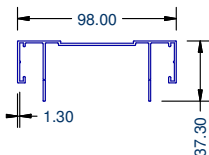
OAD = 104.00 x 49.30 mm  
W = 0.973 kg/m P = 552.9 mm  
 $I_x = 71111.73 \text{ mm}^4$   $I_y = 499175.64 \text{ mm}^4$   
POLAR MI = 5702873.7 mm<sup>4</sup>



### UA4359 - NZ

#### 10MM GIB HEAD STARTER

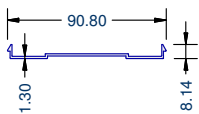
OAD = 98.00 x 37.30 mm  
W = 0.84 kg/m P = 478.5 mm  
 $I_x = 35618.79 \text{ mm}^4$   $I_y = 399754.52 \text{ mm}^4$   
POLAR MI = 4353733.1 mm<sup>4</sup>



### UA4360 - NZ

#### 10MM STARTER CAP

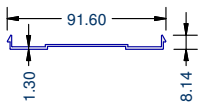
OAD = 90.80 x 8.14 mm  
W = 0.368 kg/m P = 213 mm  
 $I_x = 309.58 \text{ mm}^4$   $I_y = 110009.63 \text{ mm}^4$   
POLAR MI = 1103192.1 mm<sup>4</sup>



### UA4361 - NZ

#### 10MM STARTER CAP

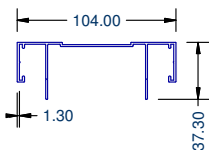
OAD = 91.60 x 8.14 mm  
W = 0.37 kg/m P = 214.6 mm  
 $I_x = 311.3 \text{ mm}^4$   $I_y = 112669.42 \text{ mm}^4$   
POLAR MI = 1129807.2 mm<sup>4</sup>



### UA4362 - NZ

#### 13MM GIB HEAD STARTER

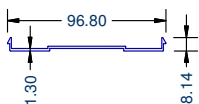
OAD = 104.00 x 37.30 mm  
W = 0.862 kg/m P = 491.1 mm  
 $I_x = 36366.75 \text{ mm}^4$   $I_y = 446329.25 \text{ mm}^4$   
POLAR MI = 4826960 mm<sup>4</sup>



### UA4363 - NZ

#### 13MM STARTER CAP

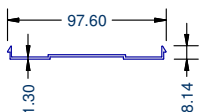
OAD = 96.80 x 8.14 mm  
W = 0.389 kg/m P = 225 mm  
 $I_x = 321.93 \text{ mm}^4$   $I_y = 131012.92 \text{ mm}^4$   
POLAR MI = 1313348.5 mm<sup>4</sup>



### UA4364 - NZ

#### 13MM STARTER CAP

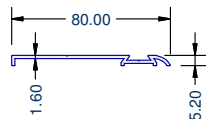
OAD = 97.60 x 8.14 mm  
W = 0.391 kg/m P = 226.6 mm  
 $I_x = 323.49 \text{ mm}^4$   $I_y = 134000.82 \text{ mm}^4$   
POLAR MI = 1343243.1 mm<sup>4</sup>



### UA4587 - NZ

#### SKIRTING

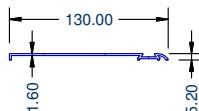
OAD = 80.00 x 5.20 mm  
W = 0.414 kg/m P = 193.3 mm  
 $I_x = 209.51 \text{ mm}^4$   $I_y = 89915.93 \text{ mm}^4$   
POLAR MI = 901254.4 mm<sup>4</sup>



### UA4588 - NZ

#### SKIRTING

OAD = 130.00 x 5.20 mm  
W = 0.63 kg/m P = 293.6 mm  
 $I_x = 257.83 \text{ mm}^4$   $I_y = 364855.24 \text{ mm}^4$   
POLAR MI = 3651130.7 mm<sup>4</sup>



## D2 PARTITIONING SUITE

### UA7250 - NZ

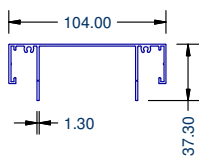
13MM GIB HEAD STARTER

OAD = 104.00 x 37.30 mm

W = 0.931 kg/m P = 514.3 mm

$I_x = 38953.43 \text{ mm}^4$   $I_y = 488541.32 \text{ mm}^4$

POLAR MI = 5274947.5 mm<sup>4</sup>



### UA7259 - NZ

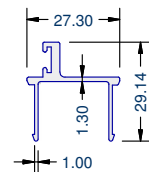
40MM DOOR STOP

OAD = 27.30 x 29.14 mm

W = 0.303 kg/m P = 155.1 mm

$I_x = 4977.28 \text{ mm}^4$   $I_y = 8857.81 \text{ mm}^4$

POLAR MI = 138350.9 mm<sup>4</sup>



### UA7251 - NZ

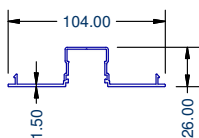
RECESSED STARTER CAP

OAD = 104.00 x 26.00 mm

W = 0.66 kg/m P = 346.7 mm

$I_x = 21766.46 \text{ mm}^4$   $I_y = 195336.3 \text{ mm}^4$

POLAR MI = 2171027.6 mm<sup>4</sup>



### UA7260 - NZ

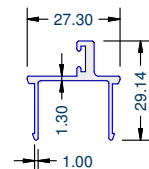
50MM DOOR STOP

OAD = 27.30 x 29.14 mm

W = 0.303 kg/m P = 155.1 mm

$I_x = 5292.21 \text{ mm}^4$   $I_y = 8034.98 \text{ mm}^4$

POLAR MI = 133271.9 mm<sup>4</sup>



### UA7252 - NZ

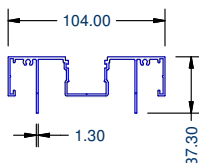
13MM GIB RECESSED STARTER

OAD = 104.00 x 37.30 mm

W = 1.21 kg/m P = 616.9 mm

$I_x = 49329.26 \text{ mm}^4$   $I_y = 529963.21 \text{ mm}^4$

POLAR MI = 5792924.7 mm<sup>4</sup>



### UA7261 - NZ

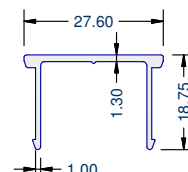
STARTER FLUSH CAP

OAD = 27.60 x 18.75 mm

W = 0.208 kg/m P = 126.4 mm

$I_x = 2655.26 \text{ mm}^4$   $I_y = 7458.85 \text{ mm}^4$

POLAR MI = 101141.1 mm<sup>4</sup>



### UA7253 - NZ

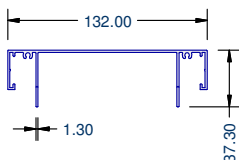
13MM GIB HEAD STARTER

OAD = 132.00 x 37.30 mm

W = 1.03 kg/m P = 570.3 mm

$I_x = 41494.77 \text{ mm}^4$   $I_y = 897435.39 \text{ mm}^4$

POLAR MI = 9389301.6 mm<sup>4</sup>



### UA7262 - NZ

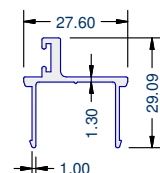
40MM DOOR STOP

OAD = 27.60 x 29.09 mm

W = 0.307 kg/m P = 155.8 mm

$I_x = 5020.49 \text{ mm}^4$   $I_y = 9129.4 \text{ mm}^4$

POLAR MI = 141498.9 mm<sup>4</sup>



### UA7254 - NZ

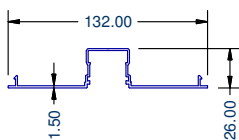
RECESSED STARTER CAP

OAD = 132.00 x 26.00 mm

W = 0.774 kg/m P = 402.7 mm

$I_x = 23709.74 \text{ mm}^4$   $I_y = 370909.69 \text{ mm}^4$

POLAR MI = 3946194.3 mm<sup>4</sup>



### UA7263 - NZ

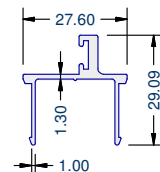
50MM DOOR STOP

OAD = 27.60 x 29.09 mm

W = 0.307 kg/m P = 155.8 mm

$I_x = 5322.42 \text{ mm}^4$   $I_y = 8334.04 \text{ mm}^4$

POLAR MI = 136564.6 mm<sup>4</sup>



### UA7255 - NZ

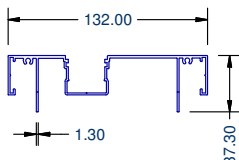
13MM GIB RECESSED DOOR STARTER

OAD = 132.00 x 37.30 mm

W = 1.314 kg/m P = 674.3 mm

$I_x = 53244.01 \text{ mm}^4$   $I_y = 968513.67 \text{ mm}^4$

POLAR MI = 10217576.8 mm<sup>4</sup>



### UA7264 - NZ

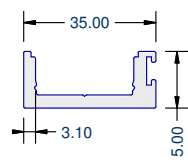
ADJUSTABLE DOOR STOP

OAD = 35.00 x 15.00 mm

W = 0.561 kg/m P = 131.9 mm

$I_x = 3664.55 \text{ mm}^4$   $I_y = 31547.84 \text{ mm}^4$

POLAR MI = 352123.9 mm<sup>4</sup>



### UA7256 - NZ

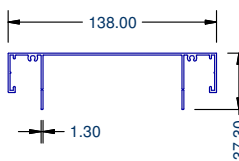
16MM GIB HEAD STARTER

OAD = 138.00 x 37.30 mm

W = 1.048 kg/m P = 581 mm

$I_x = 41965.96 \text{ mm}^4$   $I_y = 964658.13 \text{ mm}^4$

POLAR MI = 10066240.9 mm<sup>4</sup>



### UA7265 - NZ

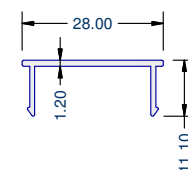
DOOR STOP CAP

OAD = 28.00 x 11.10 mm

W = 0.145 kg/m P = 97.4 mm

$I_x = 554 \text{ mm}^4$   $I_y = 5089.59 \text{ mm}^4$

POLAR MI = 56435.9 mm<sup>4</sup>



### UA7257 - NZ

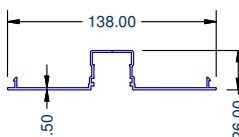
RECESSED STARTER CAP

OAD = 138.00 x 26.00 mm

W = 0.798 kg/m P = 414.7 mm

$I_x = 24054.6 \text{ mm}^4$   $I_y = 419043.68 \text{ mm}^4$

POLAR MI = 4430982.8 mm<sup>4</sup>



### UA7266 - NZ

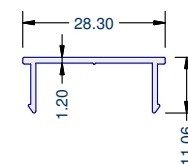
DOOR STOP CAP

OAD = 28.30 x 11.06 mm

W = 0.147 kg/m P = 98 mm

$I_x = 554.86 \text{ mm}^4$   $I_y = 5264.42 \text{ mm}^4$

POLAR MI = 58192.8 mm<sup>4</sup>



### UA7258 - NZ

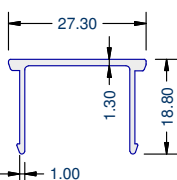
STARTER FLUSH CAP

OAD = 27.30 x 18.80 mm

W = 0.203 kg/m P = 125.7 mm

$I_x = 2651.59 \text{ mm}^4$   $I_y = 7110.56 \text{ mm}^4$

POLAR MI = 97621.5 mm<sup>4</sup>



### UA7267 - NZ

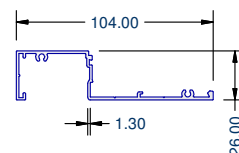
GLAZING BASE

OAD = 104.00 x 26.00 mm

W = 0.73 kg/m P = 372.3 mm

$I_x = 16069.23 \text{ mm}^4$   $I_y = 309496.07 \text{ mm}^4$

POLAR MI = 3255653 mm<sup>4</sup>

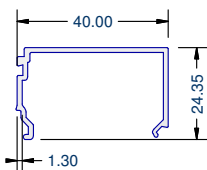


## D2 PARTITIONING SUITE

### UA7268 - NZ

#### GLAZING BEAD

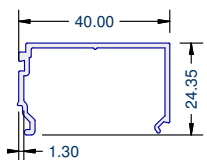
OAD = 40.00 x 24.35 mm  
W = 0.324 kg/m P = 183.2 mm  
 $I_x = 7366.19 \text{ mm}^4$   $I_y = 30376.21 \text{ mm}^4$   
POLAR MI = 377424 mm<sup>4</sup>



### UA7269 - NZ

#### GLAZING BEAD

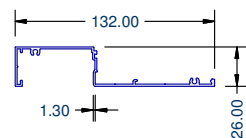
OAD = 40.00 x 24.35 mm  
W = 0.325 kg/m P = 184 mm  
 $I_x = 7428.78 \text{ mm}^4$   $I_y = 30427.87 \text{ mm}^4$   
POLAR MI = 378566.5 mm<sup>4</sup>



### UA7270 - NZ

#### GLAZING BASE

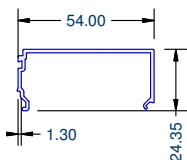
OAD = 132.00 x 26.00 mm  
W = 0.836 kg/m P = 428.3 mm  
 $I_x = 18799.93 \text{ mm}^4$   $I_y = 564872.05 \text{ mm}^4$   
POLAR MI = 5836719.8 mm<sup>4</sup>



### UA7271 - NZ

#### GLAZING BEAD

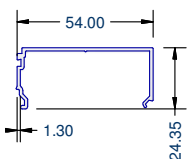
OAD = 54.00 x 24.35 mm  
W = 0.373 kg/m P = 211.2 mm  
 $I_x = 8130.08 \text{ mm}^4$   $I_y = 61444.08 \text{ mm}^4$   
POLAR MI = 695741.6 mm<sup>4</sup>



### UA7272 - NZ

#### GLAZING BEAD

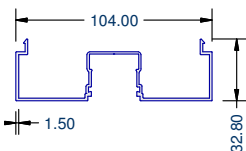
OAD = 54.00 x 24.35 mm  
W = 0.374 kg/m P = 211.9 mm  
 $I_x = 8195.24 \text{ mm}^4$   $I_y = 61532.65 \text{ mm}^4$   
POLAR MI = 697278.9 mm<sup>4</sup>



### UA7273 - NZ

#### RECESSED MULLION CAP

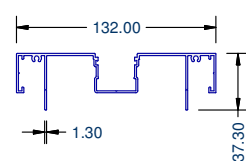
OAD = 104.00 x 32.80 mm  
W = 0.898 kg/m P = 463.7 mm  
 $I_x = 36728.76 \text{ mm}^4$   $I_y = 421307.99 \text{ mm}^4$   
POLAR MI = 4580367.5 mm<sup>4</sup>



### UA7274 - NZ

#### 13MM GIB RECESSED STARTER

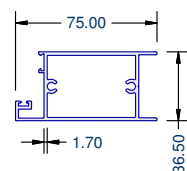
OAD = 132.00 x 37.30 mm  
W = 1.234 kg/m P = 678.6 mm  
 $I_x = 50926.21 \text{ mm}^4$   $I_y = 911100.94 \text{ mm}^4$   
POLAR MI = 9620271.5 mm<sup>4</sup>



### UA7276 - NZ

#### DOOR TOP RAIL

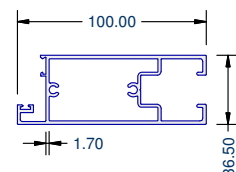
OAD = 75.00 x 36.50 mm  
W = 1.133 kg/m P = 294 mm  
 $I_x = 82241.96 \text{ mm}^4$   $I_y = 218681.28 \text{ mm}^4$   
POLAR MI = 3009232.4 mm<sup>4</sup>



### UA7277 - NZ

#### SLIDING DOOR BOTTOM RAIL

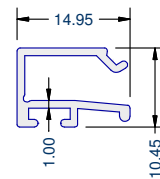
OAD = 100.00 x 36.50 mm  
W = 1.571 kg/m P = 436.6 mm  
 $I_x = 119546.27 \text{ mm}^4$   $I_y = 537132.89 \text{ mm}^4$   
POLAR MI = 6566791.6 mm<sup>4</sup>



### UA7278 - NZ

#### GLAZING BEAD

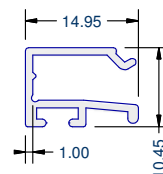
OAD = 14.95 x 10.45 mm  
W = 0.126 kg/m P = 90.7 mm  
 $I_x = 591.88 \text{ mm}^4$   $I_y = 1036.81 \text{ mm}^4$   
POLAR MI = 16286.9 mm<sup>4</sup>



### UA7279 - NZ

#### GLAZING BEAD

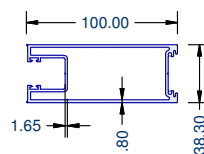
OAD = 14.95 x 10.45 mm  
W = 0.127 kg/m P = 91.4 mm  
 $I_x = 604.69 \text{ mm}^4$   $I_y = 1065.4 \text{ mm}^4$   
POLAR MI = 16700.9 mm<sup>4</sup>



### UA7280 - NZ

#### DOOR SIDE RAIL

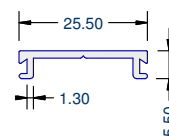
OAD = 100.00 x 38.30 mm  
W = 1.656 kg/m P = 384.2 mm  
 $I_x = 151490.58 \text{ mm}^4$   $I_y = 710822.06 \text{ mm}^4$   
POLAR MI = 8623126.4 mm<sup>4</sup>



### UA7281 - NZ

#### DOOR CAP

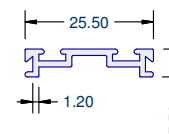
OAD = 25.50 x 5.50 mm  
W = 0.138 kg/m P = 77.3 mm  
 $I_x = 116.86 \text{ mm}^4$   $I_y = 3839.16 \text{ mm}^4$   
POLAR MI = 39560.2 mm<sup>4</sup>



### UA7282 - NZ

#### DOOR WOOLPILE CAP

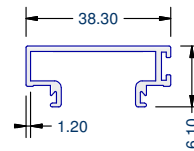
OAD = 25.50 x 5.50 mm  
W = 0.151 kg/m P = 93.9 mm  
 $I_x = 121.74 \text{ mm}^4$   $I_y = 3933.6 \text{ mm}^4$   
POLAR MI = 40553.4 mm<sup>4</sup>



### UA7283 - NZ

#### DOOR SIDE WOOLPILE CAP

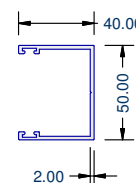
OAD = 38.30 x 16.10 mm  
W = 0.337 kg/m P = 181.2 mm  
 $I_x = 3246.68 \text{ mm}^4$   $I_y = 22052.4 \text{ mm}^4$   
POLAR MI = 252990.8 mm<sup>4</sup>



### UA7284 - NZ

#### SLIDING DOOR TOP GUIDE

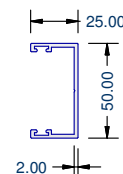
OAD = 40.00 x 50.00 mm  
W = 0.723 kg/m P = 284.4 mm  
 $I_x = 115500.68 \text{ mm}^4$   $I_y = 50086.77 \text{ mm}^4$   
POLAR MI = 1655874.5 mm<sup>4</sup>



### UA7285 - NZ

#### DOOR SIDE CHANNEL

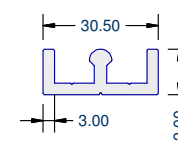
OAD = 25.00 x 50.00 mm  
W = 0.561 kg/m P = 224.4 mm  
 $I_x = 80920.68 \text{ mm}^4$   $I_y = 14463.28 \text{ mm}^4$   
POLAR MI = 953839.6 mm<sup>4</sup>



### UA7286 - NZ

#### BOTTOM DOOR TRACK

OAD = 30.50 x 12.00 mm  
W = 0.488 kg/m P = 122.1 mm  
 $I_x = 2342.12 \text{ mm}^4$   $I_y = 17347.66 \text{ mm}^4$   
POLAR MI = 196897.8 mm<sup>4</sup>



## D2 PARTITIONING SUITE

### UA7287 - NZ

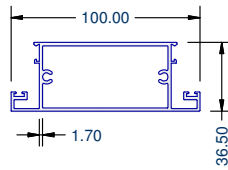
#### DOOR CENTRE MULLION

OAD = 100.00 x 36.50 mm

W = 1.407 kg/m P = 378.8 mm

$I_x = 107916.02 \text{ mm}^4$   $I_y = 502961.42 \text{ mm}^4$

POLAR MI = 6108774.4 mm<sup>4</sup>



### UA7275 - NZ

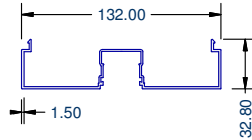
#### RECESSED MULLION CAP

OAD = 132.00 x 32.80 mm

W = 1.011 kg/m P = 519.7 mm

$I_x = 41044.97 \text{ mm}^4$   $I_y = 738811.74 \text{ mm}^4$

POLAR MI = 7798567.1 mm<sup>4</sup>



### UA7553 - NZ

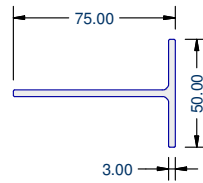
#### HEADSTARTER MOUNTING BRACKET

OAD = 50.00 x 75.00 mm

W = 0.998 kg/m P = 246.1 mm

$I_x = 219048.71 \text{ mm}^4$   $I_y = 31298.27 \text{ mm}^4$

POLAR MI = 2503469.8 mm<sup>4</sup>



### UA7785 - NZ

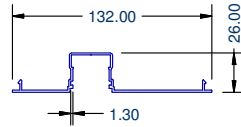
#### RECESSED DOOR STARTER CAP

OAD = 132.00 x 26.00 mm

W = 0.774 kg/m P = 402.7 mm

$I_x = 22812.8 \text{ mm}^4$   $I_y = 382126.23 \text{ mm}^4$

POLAR MI = 4049390.3 mm<sup>4</sup>



## TOILET PARTITION SUITE

### UA1573 - NZ

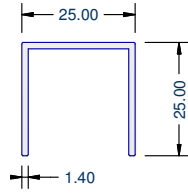
WALL MOUNT

OAD = 25.00 x 25.00 mm

W = 0.273 kg/m P = 146.4 mm

$I_x = 6624.92 \text{ mm}^4$   $I_y = 11017.93 \text{ mm}^4$

POLAR MI = 176428.5 mm<sup>4</sup>



### UA5949 - NZ

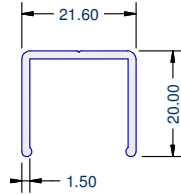
18MM CAPPING

OAD = 21.60 x 20.00 mm

W = 0.235 kg/m P = 118.5 mm

$I_x = 3630.58 \text{ mm}^4$   $I_y = 6779.44 \text{ mm}^4$

POLAR MI = 104100.2 mm<sup>4</sup>



### UA6453 - NZ

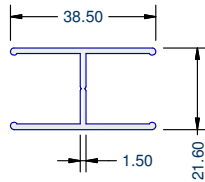
18MM JOINTER

OAD = 38.50 x 21.60 mm

W = 0.389 kg/m P = 193.5 mm

$I_x = 12539 \text{ mm}^4$   $I_y = 14527.58 \text{ mm}^4$

POLAR MI = 270665.8 mm<sup>4</sup>



### UA6454 - NZ

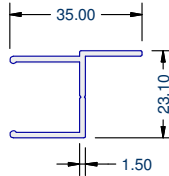
18MM DOOR STOP CAP

OAD = 35.00 x 23.10 mm

W = 0.304 kg/m P = 152.4 mm

$I_x = 11882.72 \text{ mm}^4$   $I_y = 5521.82 \text{ mm}^4$

POLAR MI = 174045.4 mm<sup>4</sup>



### UA6455 - NZ

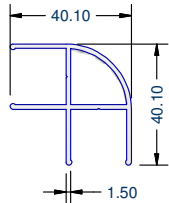
18MM CORNER

OAD = 40.10 x 40.10 mm

W = 0.591 kg/m P = 224.4 mm

$I_x = 19142.49 \text{ mm}^4$   $I_y = 37343.56 \text{ mm}^4$

POLAR MI = 564860.5 mm<sup>4</sup>



### UA7025 - NZ

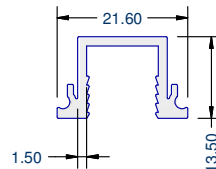
11MM INSERT

OAD = 21.60 x 13.50 mm

W = 0.222 kg/m P = 106.5 mm

$I_x = 1814.37 \text{ mm}^4$   $I_y = 3724.96 \text{ mm}^4$

POLAR MI = 55393.3 mm<sup>4</sup>

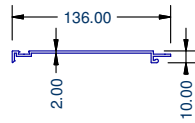


## DUCTING

Quality Aluminium Extruders

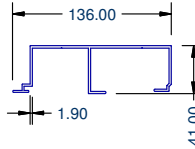
### UA1037 - NZ

EASY DUCT LID  
OAD = 136.00 x 10.00 mm  
W = 0.866 kg/m P = 328.4 mm  
 $I_x = 1476.3 \text{ mm}^4$   $I_y = 585522.7 \text{ mm}^4$   
POLAR MI = 5869990 mm<sup>4</sup>



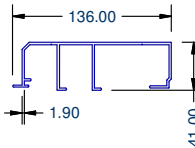
### UA1038 - NZ

EASY DUCT BASE  
OAD = 136.00 x 41.00 mm  
W = 1.448 kg/m P = 559.2 mm  
 $I_x = 122214.32 \text{ mm}^4$   $I_y = 1015871.48 \text{ mm}^4$   
POLAR MI = 11380858 mm<sup>4</sup>



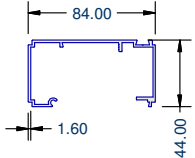
### UA1039 - NZ

EASY DUCT BASE  
OAD = 136.00 x 41.00 mm  
W = 1.668 kg/m P = 644.3 mm  
 $I_x = 133757.55 \text{ mm}^4$   $I_y = 1157447.57 \text{ mm}^4$   
POLAR MI = 12912051.2 mm<sup>4</sup>



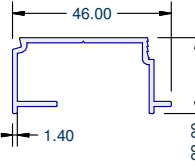
### UA1040 - NZ

CAVITY DUCT BASE  
OAD = 84.00 x 44.00 mm  
W = 0.946 kg/m P = 431.1 mm  
 $I_x = 93096.2 \text{ mm}^4$   $I_y = 380793.58 \text{ mm}^4$   
POLAR MI = 4738897.8 mm<sup>4</sup>



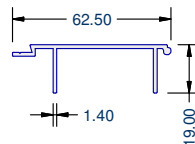
### UA1041 - NZ

DUCT DIVIDER  
OAD = 46.00 x 22.00 mm  
W = 0.387 kg/m P = 198.1 mm  
 $I_x = 8884.24 \text{ mm}^4$   $I_y = 37299.65 \text{ mm}^4$   
POLAR MI = 461838.9 mm<sup>4</sup>



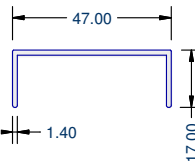
### UA1042 - NZ

DUCT LID  
OAD = 62.50 x 19.00 mm  
W = 0.411 kg/m P = 206.7 mm  
 $I_x = 4031.81 \text{ mm}^4$   $I_y = 57061.25 \text{ mm}^4$   
POLAR MI = 610930.6 mm<sup>4</sup>



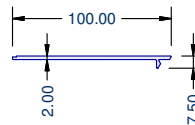
### UA1043 - NZ

DUCT BASE CHANNEL  
OAD = 47.00 x 17.00 mm  
W = 0.306 kg/m P = 157.5 mm  
 $I_x = 2753.08 \text{ mm}^4$   $I_y = 35307.52 \text{ mm}^4$   
POLAR MI = 380606 mm<sup>4</sup>



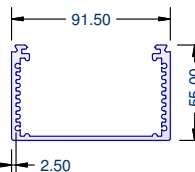
### UA1593 - NZ

DUCT LID  
OAD = 100.00 x 7.50 mm  
W = 0.562 kg/m P = 213.2 mm  
 $I_x = 202.96 \text{ mm}^4$   $I_y = 178703.84 \text{ mm}^4$   
POLAR MI = 1789068 mm<sup>4</sup>



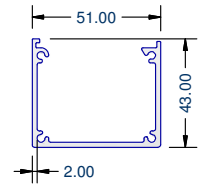
### UA1594 - NZ

DUCT CHANNEL  
OAD = 91.50 x 55.00 mm  
W = 1.856 kg/m P = 511.9 mm  
 $I_x = 252495.5 \text{ mm}^4$   $I_y = 1003710.1 \text{ mm}^4$   
POLAR MI = 12562056 mm<sup>4</sup>



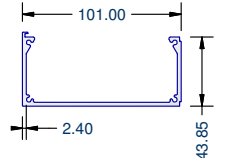
### UA1595 - NZ

DUCT CHANNEL  
OAD = 51.00 x 43.00 mm  
W = 0.825 kg/m P = 306.8 mm  
 $I_x = 65593.15 \text{ mm}^4$   $I_y = 138181.94 \text{ mm}^4$   
POLAR MI = 2037750.9 mm<sup>4</sup>



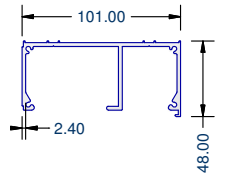
### UA1596 - NZ

DUCT CHANNEL  
OAD = 101.00 x 47.00 mm  
W = 1.362 kg/m P = 417.1 mm  
 $I_x = 122108.76 \text{ mm}^4$   $I_y = 823723.52 \text{ mm}^4$   
POLAR MI = 9458322.8 mm<sup>4</sup>



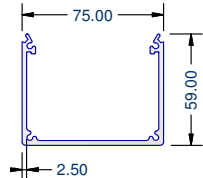
### UA1597 - NZ

DUCT CHANNEL  
OAD = 101.00 x 48.00 mm  
W = 1.693 kg/m P = 521.7 mm  
 $I_x = 152665.21 \text{ mm}^4$   $I_y = 845980.68 \text{ mm}^4$   
POLAR MI = 9986458.9 mm<sup>4</sup>



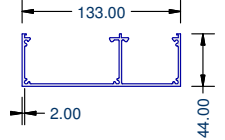
### UA1598 - NZ

DUCT CHANNEL  
OAD = 75.00 x 59.00 mm  
W = 1.392 kg/m P = 416.5 mm  
 $I_x = 199183.4 \text{ mm}^4$   $I_y = 503313.85 \text{ mm}^4$   
POLAR MI = 7024972.5 mm<sup>4</sup>



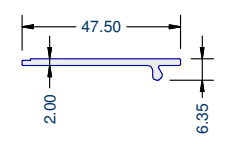
### UA1600 - NZ

DUCT CHANNEL  
OAD = 133.00 x 44.00 mm  
W = 1.642 kg/m P = 592.2 mm  
 $I_x = 146831.28 \text{ mm}^4$   $I_y = 1331780.54 \text{ mm}^4$   
POLAR MI = 14786118.2 mm<sup>4</sup>



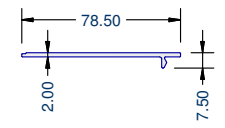
### UA1854 - NZ

DUCT LID SML  
OAD = 47.50 x 6.35 mm  
W = 0.281 kg/m P = 106.5 mm  
 $I_x = 129.13 \text{ mm}^4$   $I_y = 19686.38 \text{ mm}^4$   
POLAR MI = 198155.1 mm<sup>4</sup>



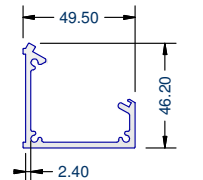
### UA1867 - NZ

DUCT LID LGE  
OAD = 78.50 x 7.50 mm  
W = 0.448 kg/m P = 170.8 mm  
 $I_x = 186.03 \text{ mm}^4$   $I_y = 87973.87 \text{ mm}^4$   
POLAR MI = 881599 mm<sup>4</sup>



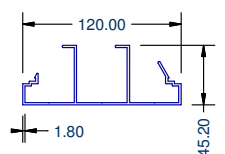
### UA1925 - NZ

DUCT CHANNEL  
OAD = 49.50 x 46.20 mm  
W = 0.899 kg/m P = 264.4 mm  
 $I_x = 47663.36 \text{ mm}^4$   $I_y = 140902.52 \text{ mm}^4$   
POLAR MI = 1885658.8 mm<sup>4</sup>



### UA2530 - NZ

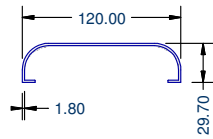
DUCT BASE  
OAD = 120.00 x 45.20 mm  
W = 1.457 kg/m P = 601.6 mm  
 $I_x = 112521.41 \text{ mm}^4$   $I_y = 730092.69 \text{ mm}^4$   
POLAR MI = 8426141 mm<sup>4</sup>



## DUCTING

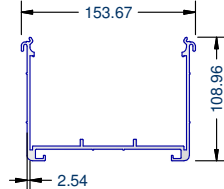
### UA2531 - NZ

DUCT LID  
OAD = 120.00 x 29.70 mm  
W = 0.851 kg/m P = 353.2 mm  
 $I_x = 33442.4 \text{ mm}^4$   $I_y = 579992.93 \text{ mm}^4$   
POLAR MI = 6134353.3 mm<sup>4</sup>



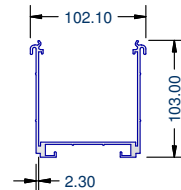
### UA4476 - NZ

DUCT CHANNEL  
OAD = 153.67 x 108.96 mm  
W = 3.169 kg/m P = 854.8 mm  
 $I_x = 1428554.8 \text{ mm}^4$   $I_y = 4274524.43 \text{ mm}^4$   
POLAR MI = 57030792.3 mm<sup>4</sup>



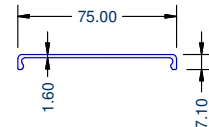
### UA5045 - NZ

DUCT CHANNEL  
OAD = 102.10 x 103.00 mm  
W = 2.303 kg/m P = 721.5 mm  
 $I_x = 979226.37 \text{ mm}^4$   $I_y = 1390701.79 \text{ mm}^4$   
POLAR MI = 23699281.6 mm<sup>4</sup>



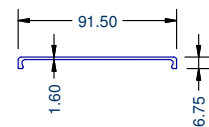
### UA5336 - NZ

DUCT LID  
OAD = 75.00 x 7.10 mm  
W = 0.384 kg/m P = 173 mm  
 $I_x = 351.02 \text{ mm}^4$   $I_y = 85793.07 \text{ mm}^4$   
POLAR MI = 861440.9 mm<sup>4</sup>



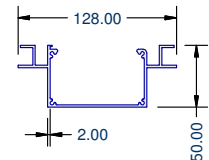
### UA5337 - NZ

DUCT LID  
OAD = 91.50 x 6.75 mm  
W = 0.462 kg/m P = 204.6 mm  
 $I_x = 346.98 \text{ mm}^4$   $I_y = 150754.37 \text{ mm}^4$   
POLAR MI = 1511013.5 mm<sup>4</sup>



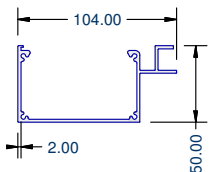
### UA5342 - NZ\*

S.E. DUCT CHANNEL 13MM GIB  
OAD = 128.00 x 50.00 mm  
W = 1.629 kg/m P = 587.6 mm  
 $I_x = 197370.79 \text{ mm}^4$   $I_y = 1000570.89 \text{ mm}^4$   
POLAR MI = 11979416.8 mm<sup>4</sup>



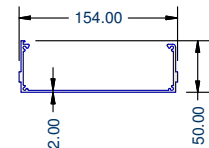
### UA5343 - NZ\*

S.E. DUCT CHANNEL 13MM GIB  
OAD = 104.00 x 50.00 mm  
W = 1.359 kg/m P = 488.9 mm  
 $I_x = 152543.22 \text{ mm}^4$   $I_y = 686728.36 \text{ mm}^4$   
POLAR MI = 8392715.8 mm<sup>4</sup>



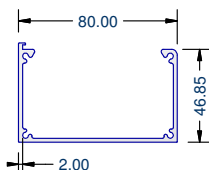
### UA5344 - NZ\*

S.E. DUCT CHANNEL  
OAD = 154.00 x 50.00 mm  
W = 1.575 kg/m P = 537.1 mm  
 $I_x = 148380.98 \text{ mm}^4$   $I_y = 2094802.87 \text{ mm}^4$   
POLAR MI = 22431838.5 mm<sup>4</sup>



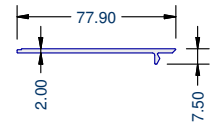
### UA5345 - NZ\*

S.E. DUCT CHANNEL  
OAD = 80.00 x 50.00 mm  
W = 1.089 kg/m P = 390.1 mm  
 $I_x = 121565.82 \text{ mm}^4$   $I_y = 439930.3 \text{ mm}^4$   
POLAR MI = 5614961.2 mm<sup>4</sup>



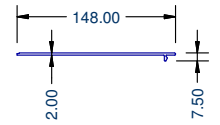
### UA5346 - NZ\*

S.E. DUCT LID  
OAD = 77.90 x 7.50 mm  
W = 0.442 kg/m P = 168.8 mm  
 $I_x = 186.13 \text{ mm}^4$   $I_y = 83727.95 \text{ mm}^4$   
POLAR MI = 839140.8 mm<sup>4</sup>



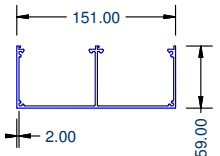
### UA5347 - NZ\*

S.E. DUCT LID  
OAD = 148.00 x 7.50 mm  
W = 0.823 kg/m P = 309.2 mm  
 $I_x = 239.45 \text{ mm}^4$   $I_y = 573122.39 \text{ mm}^4$   
POLAR MI = 5733618.4 mm<sup>4</sup>



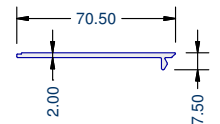
### UA5917 - NZ

DOUBLE DUCT CHANNEL  
OAD = 151.00 x 59.00 mm  
W = 1.963 kg/m P = 709.9 mm  
 $I_x = 320871.95 \text{ mm}^4$   $I_y = 2099940.15 \text{ mm}^4$   
POLAR MI = 24208121 mm<sup>4</sup>



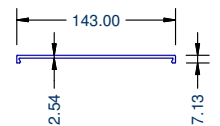
### UA5918 - NZ

DOUBLE DUCT LID  
OAD = 70.50 x 7.50 mm  
W = 0.402 kg/m P = 154 mm  
 $I_x = 176.45 \text{ mm}^4$   $I_y = 64198.52 \text{ mm}^4$   
POLAR MI = 643749.7 mm<sup>4</sup>



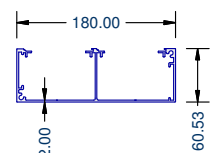
### UA5928 - NZ

DUCT LID  
OAD = 143.00 x 7.13 mm  
W = 1.046 kg/m P = 310 mm  
 $I_x = 553.25 \text{ mm}^4$   $I_y = 737310.61 \text{ mm}^4$   
POLAR MI = 7378638.6 mm<sup>4</sup>



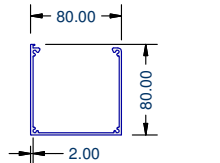
### UA6214 - NZ

DUCT CHANNEL  
OAD = 180.00 x 60.53 mm  
W = 2.631 kg/m P = 909.8 mm  
 $I_x = 531530.53 \text{ mm}^4$   $I_y = 4157999.22 \text{ mm}^4$   
POLAR MI = 46895297.5 mm<sup>4</sup>



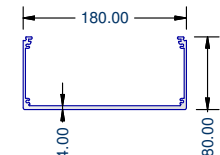
### UA6382 - NZ

DUCT CHANNEL  
OAD = 80.00 x 80.00 mm  
W = 1.413 kg/m P = 510.1 mm  
 $I_x = 408630.18 \text{ mm}^4$   $I_y = 623626.16 \text{ mm}^4$   
POLAR MI = 10322563.4 mm<sup>4</sup>



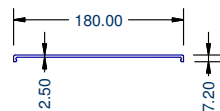
### UA7023 - NZ

DUCT CHANNEL  
OAD = 180.00 x 80.00 mm  
W = 3.329 kg/m P = 734 mm  
 $I_x = 855859.16 \text{ mm}^4$   $I_y = 5883577.41 \text{ mm}^4$   
POLAR MI = 67394365.7 mm<sup>4</sup>



### UA7024 - NZ

DUCT LID  
OAD = 180.00 x 7.20 mm  
W = 1.283 kg/m P = 382 mm  
 $I_x = 608.26 \text{ mm}^4$   $I_y = 1412499.56 \text{ mm}^4$   
POLAR MI = 14131078.2 mm<sup>4</sup>



## DUCTING

### UA2046 - NZ

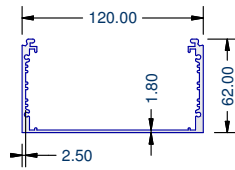
#### DUCT CHANNEL

OAD = 120.00 x 62.00 mm

W = 1.802 kg/m P = 585.7 mm

$I_x = 315186.12 \text{ mm}^4$   $I_y = 1749386.81 \text{ mm}^4$

POLAR MI = 20645729.3 mm<sup>4</sup>



### UA2047 - NZ

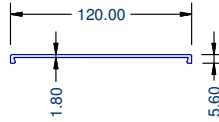
#### DUCT LID

OAD = 120.00 x 5.60 mm

W = 0.639 kg/m P = 258.5 mm

$I_x = 240.31 \text{ mm}^4$   $I_y = 329624.61 \text{ mm}^4$

POLAR MI = 3298649.2 mm<sup>4</sup>



### UA7446 - NZ

#### DUCTING CHANNEL

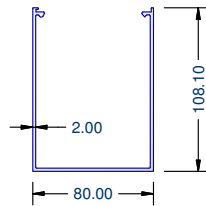
OAD = 80.00 x 108.10 mm

W = 1.655 kg/m P = 612.9 mm

$I_x = 850406.99 \text{ mm}^4$   $I_y = 764132.12 \text{ mm}^4$

POLAR MI = 16145391.1 mm<sup>4</sup>

DESIGNED TO TAKE FIBRE-OPTIC CABLING



### UA7447 - NZ

#### DUCTING LID

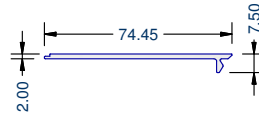
OAD = 74.45 x 7.50 mm

W = 0.421 kg/m P = 161.8 mm

$I_x = 179.93 \text{ mm}^4$   $I_y = 74265.99 \text{ mm}^4$

POLAR MI = 744459.2 mm<sup>4</sup>

DESIGNED TO TAKE FIBRE-OPTIC CABLING



### UA7702 - NZ

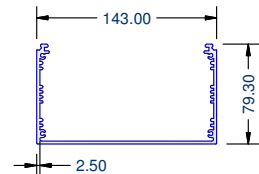
#### KABEL DUCT CHANNEL

OAD = 143.00 x 79.30 mm

W = 2.506 kg/m P = 744.6 mm

$I_x = 707811.4 \text{ mm}^4$   $I_y = 3328840.09 \text{ mm}^4$

POLAR MI = 40366514.9 mm<sup>4</sup>



### UA7778 - NZ

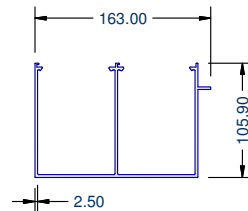
#### DUCTING CHANNEL

OAD = 163.00 x 105.90 mm

W = 3.335 kg/m P = 992.4 mm

$I_x = 1655533.25 \text{ mm}^4$   $I_y = 3868209.74 \text{ mm}^4$

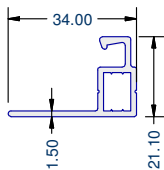
POLAR MI = 55237429.9 mm<sup>4</sup>



## UA1054 - NZ

### WINDOW FRAME

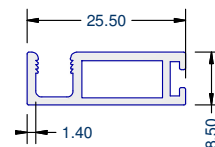
OAD = 34.00 x 21.10 mm  
W = 0.33 kg/m P = 123.2 mm  
 $I_x = 3688.23 \text{ mm}^4$   $I_y = 12605.89 \text{ mm}^4$   
POLAR MI = 16294.12 mm<sup>4</sup>



## UA1386 - NZ

### WINDOW FRAME

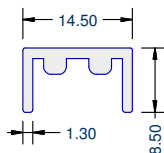
OAD = 25.50 x 8.50 mm  
W = 0.237 kg/m P = 94.1 mm  
 $I_x = 851.37 \text{ mm}^4$   $I_y = 5736.52 \text{ mm}^4$   
POLAR MI = 65878.9 mm<sup>4</sup>



## UA1355 - NZ

### 11.8MM BOTTOM CHANNEL - OLD

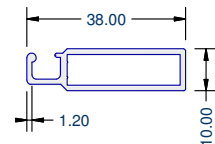
OAD = 14.50 x 8.50 mm  
W = 0.136 kg/m P = 66.1 mm  
 $I_x = 257.63 \text{ mm}^4$   $I_y = 1270.7 \text{ mm}^4$   
POLAR MI = 15283.3 mm<sup>4</sup>



## UA1388 - NZ

### DOOR FRAME

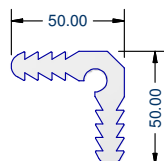
OAD = 38.00 x 10.00 mm  
W = 0.318 kg/m P = 108 mm  
 $I_x = 1670.29 \text{ mm}^4$   $I_y = 16773.11 \text{ mm}^4$   
POLAR MI = 184434 mm<sup>4</sup>



## UA1379 - NZ

### STAKE - GOLD, FITS 1385, 1386

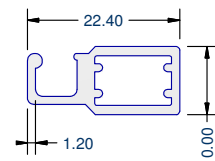
OAD = 50.00 x 50.00 mm  
W = 2.224 kg/m P = 263.2 mm  
 $I_x = 74342.18 \text{ mm}^4$   $I_y = 257401 \text{ mm}^4$   
POLAR MI = 3317431.8 mm<sup>4</sup>



## UA1389 - NZ

### WINDOW SECTION

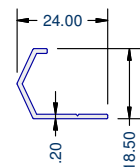
OAD = 22.40 x 10.00 mm  
W = 0.234 kg/m P = 75.4 mm  
 $I_x = 924.44 \text{ mm}^4$   $I_y = 4080.82 \text{ mm}^4$   
POLAR MI = 50052.6 mm<sup>4</sup>



## UA1380 - NZ

### HANDLE

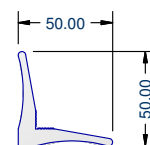
OAD = 24.00 x 18.50 mm  
W = 0.139 kg/m P = 85.4 mm  
 $I_x = 949.03 \text{ mm}^4$   $I_y = 3544.13 \text{ mm}^4$   
POLAR MI = 44931.6 mm<sup>4</sup>



## UA1513 - NZ

### STAKE - GREEN, FITS 1054, 1389, 1610

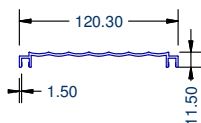
OAD = 50.00 x 50.00 mm  
W = 1.416 kg/m P = 195.5 mm  
 $I_x = 43410.96 \text{ mm}^4$   $I_y = 135025.65 \text{ mm}^4$   
POLAR MI = 1784366.1 mm<sup>4</sup>



## UA1381 - NZ

### VISION RAIL

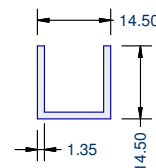
OAD = 120.30 x 11.50 mm  
W = 0.727 kg/m P = 319.2 mm  
 $I_x = 1735.99 \text{ mm}^4$   $I_y = 414276.31 \text{ mm}^4$   
POLAR MI = 4160123 mm<sup>4</sup>



## UA1609 - NZ

### 11.8MM TOP CHANNEL - OLD

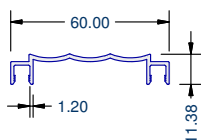
OAD = 14.50 x 14.50 mm  
W = 0.149 kg/m P = 84.3 mm  
 $I_x = 1177.85 \text{ mm}^4$   $I_y = 1883.27 \text{ mm}^4$   
POLAR MI = 30611.2 mm<sup>4</sup>



## UA1382 - NZ

### VISION RAIL

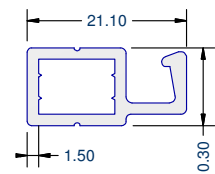
OAD = 60.00 x 11.38 mm  
W = 0.359 kg/m P = 199.7 mm  
 $I_x = 1115.4 \text{ mm}^4$   $I_y = 53887.54 \text{ mm}^4$   
POLAR MI = 550029.4 mm<sup>4</sup>



## UA1610 - NZ

### WINDOW FRAME

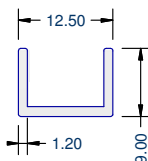
OAD = 21.10 x 10.30 mm  
W = 0.234 kg/m P = 76.4 mm  
 $I_x = 1030.59 \text{ mm}^4$   $I_y = 4077.3 \text{ mm}^4$   
POLAR MI = 51078.9 mm<sup>4</sup>



## UA1383 - NZ/AUS^

### 10MM BOTTOM CHANNEL

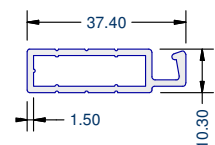
OAD = 12.50 x 9.00 mm  
W = 0.093 kg/m P = 57.6 mm  
 $I_x = 265.67 \text{ mm}^4$   $I_y = 799.77 \text{ mm}^4$   
POLAR MI = 10654.4 mm<sup>4</sup>



## UA1611 - NZ

### DOOR FRAME

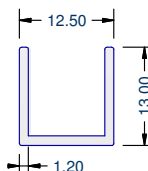
OAD = 37.40 x 10.30 mm  
W = 0.366 kg/m P = 110.8 mm  
 $I_x = 1972.94 \text{ mm}^4$   $I_y = 19340.25 \text{ mm}^4$   
POLAR MI = 213131.9 mm<sup>4</sup>



## UA1384 - NZ/AUS^

### 10MM TOP CHANNEL

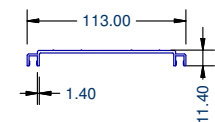
OAD = 12.50 x 13.00 mm  
W = 0.119 kg/m P = 73.6 mm  
 $I_x = 751.49 \text{ mm}^4$   $I_y = 1107.38 \text{ mm}^4$   
POLAR MI = 18588.7 mm<sup>4</sup>



## UA3512 - NZ

### VISION RAIL

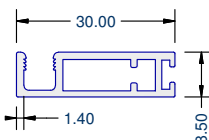
OAD = 113.00 x 11.40 mm  
W = 0.641 kg/m P = 299.8 mm  
 $I_x = 1783.84 \text{ mm}^4$   $I_y = 323394.03 \text{ mm}^4$   
POLAR MI = 3251778.7 mm<sup>4</sup>



## UA1385 - NZ

### DOOR FRAME

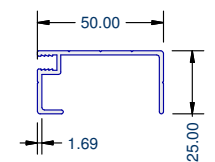
OAD = 30.00 x 8.50 mm  
W = 0.278 kg/m P = 103.1 mm  
 $I_x = 1023.96 \text{ mm}^4$   $I_y = 9170.79 \text{ mm}^4$   
POLAR MI = 101947.5 mm<sup>4</sup>



## UA5492 - AUS

### PATIO POST

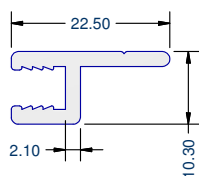
OAD = 50.00 x 25.00 mm  
W = 0.499 kg/m P = 231 mm  
 $I_x = 12922.07 \text{ mm}^4$   $I_y = 68257.16 \text{ mm}^4$   
POLAR MI = 811792.3 mm<sup>4</sup>



## UA5493 - NZ

### PATIO HOLDER

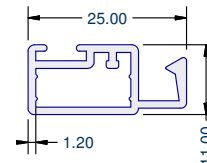
OAD = 22.50 x 10.30 mm  
W = 0.225 kg/m P = 83.4 mm  
 $I_x = 779.35 \text{ mm}^4$   $I_y = 3078.09 \text{ mm}^4$   
POLAR MI = 38574.4 mm<sup>4</sup>



## UA5637 - NZ

### WINDOW SECTION

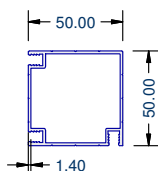
OAD = 25.00 x 11.00 mm  
W = 0.251 kg/m P = 96 mm  
 $I_x = 1246.39 \text{ mm}^4$   $I_y = 5802.25 \text{ mm}^4$   
POLAR MI = 70486.4 mm<sup>4</sup>



## UA5494 - AUS

### PATIO CORNER POST

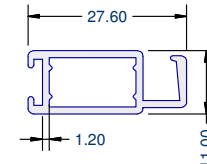
OAD = 50.00 x 50.00 mm  
W = 0.861 kg/m P = 261.3 mm  
 $I_x = 125611.31 \text{ mm}^4$   $I_y = 115911.59 \text{ mm}^4$   
POLAR MI = 2415229 mm<sup>4</sup>



## UA5638 - NZ

### WINDOW SECTION

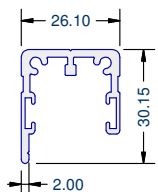
OAD = 27.60 x 11.00 mm  
W = 0.256 kg/m P = 102.5 mm  
 $I_x = 1527.61 \text{ mm}^4$   $I_y = 7524.21 \text{ mm}^4$   
POLAR MI = 90518.2 mm<sup>4</sup>



## UA5526 - NZ

### SLIDING DOOR CHANNEL

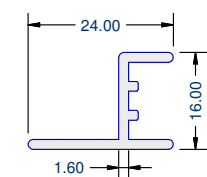
OAD = 26.10 x 30.15 mm  
W = 0.468 kg/m P = 200 mm  
 $I_x = 10527.91 \text{ mm}^4$   $I_y = 18554.5 \text{ mm}^4$   
POLAR MI = 290824.1 mm<sup>4</sup>



## UA5699 - NZ

### WINDOW TRACK

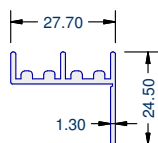
OAD = 24.00 x 16.00 mm  
W = 0.209 kg/m P = 98.3 mm  
 $I_x = 3787.03 \text{ mm}^4$   $I_y = 1352.77 \text{ mm}^4$   
POLAR MI = 51398 mm<sup>4</sup>



## UA5534 - NZ

### DOUBLE BOTTOM TRACK FITS 1610

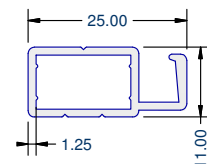
OAD = 27.70 x 24.50 mm  
W = 0.297 kg/m P = 145 mm  
 $I_x = 1983.13 \text{ mm}^4$   $I_y = 10475.18 \text{ mm}^4$   
POLAR MI = 124583.1 mm<sup>4</sup>



## UA6246 - NZ

### WINDOW TRACK

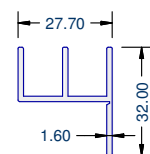
OAD = 25.00 x 11.00 mm  
W = 0.231 kg/m P = 87.4 mm  
 $I_x = 1329.78 \text{ mm}^4$   $I_y = 5796.39 \text{ mm}^4$   
POLAR MI = 71261.7 mm<sup>4</sup>



## UA5537 - NZ

### DOUBLE TOP TRACK FITS 1610

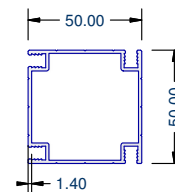
OAD = 27.70 x 32.00 mm  
W = 0.373 kg/m P = 176.3 mm  
 $I_x = 5684.42 \text{ mm}^4$   $I_y = 15733.25 \text{ mm}^4$   
POLAR MI = 214176.7 mm<sup>4</sup>



## UA6520 - AUS

### PATIO POST

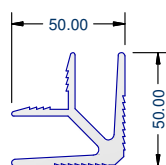
OAD = 50.00 x 50.00 mm  
W = 0.904 kg/m P = 280.9 mm  
 $I_x = 125619.43 \text{ mm}^4$   $I_y = 125608.22 \text{ mm}^4$   
POLAR MI = 2512276.5 mm<sup>4</sup>



## UA5633 - NZ

### STAKE - YELLOW, FITS 5636

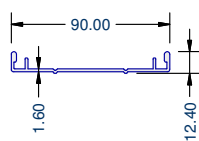
OAD = 50.00 x 50.00 mm  
W = 1.725 kg/m P = 351.8 mm  
 $I_x = 105891.72 \text{ mm}^4$   $I_y = 142829.47 \text{ mm}^4$   
POLAR MI = 2487211.9 mm<sup>4</sup>



## UA5634 - NZ

### VISION RAIL

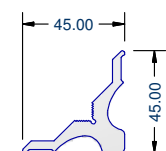
OAD = 90.00 x 12.40 mm  
W = 0.568 kg/m P = 250 mm  
 $I_x = 1910.78 \text{ mm}^4$   $I_y = 210287.02 \text{ mm}^4$   
POLAR MI = 2121978 mm<sup>4</sup>



## UA5635 - NZ

### STAKE - BROWN, FITS 5637

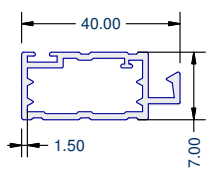
OAD = 45.00 x 45.00 mm  
W = 1.256 kg/m P = 186 mm  
 $I_x = 29079.03 \text{ mm}^4$   $I_y = 83601.79 \text{ mm}^4$   
POLAR MI = 1126808.2 mm<sup>4</sup>



## UA5636 - NZ

### DOOR FRAME

OAD = 40.00 x 17.00 mm  
W = 0.499 kg/m P = 141.5 mm  
 $I_x = 6857.79 \text{ mm}^4$   $I_y = 30892.22 \text{ mm}^4$   
POLAR MI = 377500.1 mm<sup>4</sup>



#### UA1371 - NZ

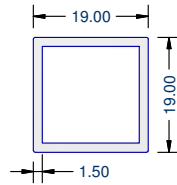
FRAME 20MM

OAD = 19.00 x 19.00 mm

W = 0.283 kg/m P = 75.5 mm

$I_x = 5391.88 \text{ mm}^4$   $I_y = 5391.88 \text{ mm}^4$

POLAR MI = 107837.6 mm<sup>4</sup>



#### UA1372 - NZ

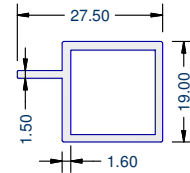
FLANGED FRAME 20MM

OAD = 27.50 x 19.00 mm

W = 0.318 kg/m P = 92.2 mm

$I_x = 5392.41 \text{ mm}^4$   $I_y = 7618.9 \text{ mm}^4$

POLAR MI = 130113.1 mm<sup>4</sup>



#### UA1641 - NZ

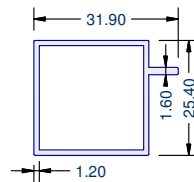
FLANGED FRAME 25MM

OAD = 31.90 x 25.40 mm

W = 0.341 kg/m P = 113.8 mm

$I_x = 11359.79 \text{ mm}^4$   $I_y = 14133.19 \text{ mm}^4$

POLAR MI = 254929.8 mm<sup>4</sup>



#### UA1642 - NZ/AUS

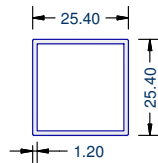
FRAME 25MM

OAD = 25.40 x 25.40 mm

W = 0.313 kg/m P = 101.1 mm

$I_x = 11353.54 \text{ mm}^4$   $I_y = 11353.54 \text{ mm}^4$

POLAR MI = 227070.8 mm<sup>4</sup>



## HEATSINK

### UA1632 - NZ

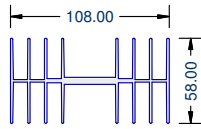
#### HEATSINK

OAD = 108.00 x 58.00 mm

W = 2.905 kg/m P = 1092.5 mm

$I_x = 204839.86 \text{ mm}^4$   $I_y = 1307456.81 \text{ mm}^4$

POLAR MI = 15122966.7 mm<sup>4</sup>



### UA2960 - NZ

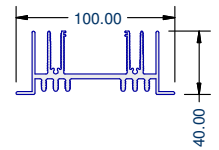
#### HEATSINK

OAD = 100.00 x 40.00 mm

W = 2.086 kg/m P = 701.6 mm

$I_x = 81232.66 \text{ mm}^4$   $I_y = 637941.74 \text{ mm}^4$

POLAR MI = 7191744 mm<sup>4</sup>



### UA1633 - NZ

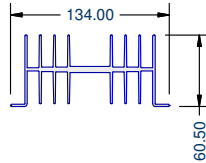
#### HEATSINK

OAD = 134.00 x 60.50 mm

W = 3.455 kg/m P = 1129.8 mm

$I_x = 270615.56 \text{ mm}^4$   $I_y = 1775652.26 \text{ mm}^4$

POLAR MI = 20462678.2 mm<sup>4</sup>



### UA3133 - NZ

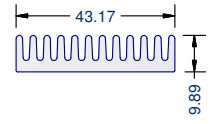
#### HEATSINK

OAD = 43.17 x 9.89 mm

W = 0.769 kg/m P = 235.6 mm

$I_x = 2228.05 \text{ mm}^4$   $I_y = 45946.87 \text{ mm}^4$

POLAR MI = 481749.2 mm<sup>4</sup>



### UA1634 - NZ

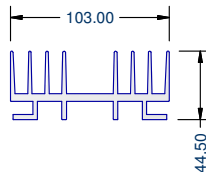
#### HEATSINK

OAD = 103.00 x 44.50 mm

W = 3.317 kg/m P = 788.7 mm

$I_x = 146196.1 \text{ mm}^4$   $I_y = 1348717.09 \text{ mm}^4$

POLAR MI = 14949131.9 mm<sup>4</sup>



### UA3295 - NZ

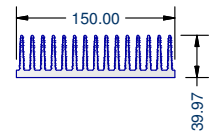
#### HEATSINK

OAD = 150.00 x 39.97 mm

W = 6.951 kg/m P = 1384.6 mm

$I_x = 332236.67 \text{ mm}^4$   $I_y = 4814671.12 \text{ mm}^4$

POLAR MI = 51469077.9 mm<sup>4</sup>



### UA1635 - NZ

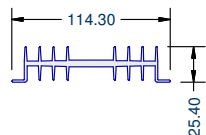
#### HEATSINK

OAD = 114.30 x 25.40 mm

W = 1.821 kg/m P = 541.9 mm

$I_x = 17623.9 \text{ mm}^4$   $I_y = 651693.59 \text{ mm}^4$

POLAR MI = 6693174.9 mm<sup>4</sup>



### UA4173 - NZ

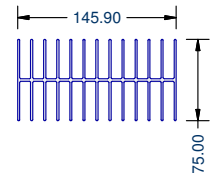
#### HEATSINK

OAD = 145.90 x 75.00 mm

W = 5.82 kg/m P = 2140 mm

$I_x = 854536.71 \text{ mm}^4$   $I_y = 4255328.24 \text{ mm}^4$

POLAR MI = 51098649.5 mm<sup>4</sup>



### UA2109 - NZ

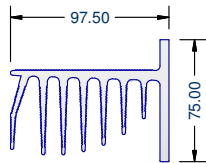
#### HEATSINK

OAD = 97.50 x 75.00 mm

W = 4.699 kg/m P = 1087 mm

$I_x = 445844.93 \text{ mm}^4$   $I_y = 1682985.62 \text{ mm}^4$

POLAR MI = 21288305.5 mm<sup>4</sup>



### UA4248 - NZ

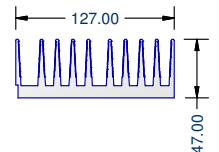
#### HEATSINK

OAD = 127.00 x 47.00 mm

W = 6.968 kg/m P = 1241.3 mm

$I_x = 425437.36 \text{ mm}^4$   $I_y = 3550369.41 \text{ mm}^4$

POLAR MI = 39758067.7 mm<sup>4</sup>



### UA2238 - NZ

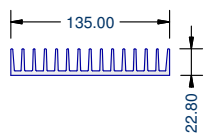
#### HEATSINK

OAD = 135.00 x 22.80 mm

W = 3.166 kg/m P = 805.4 mm

$I_x = 49237.18 \text{ mm}^4$   $I_y = 1889056.94 \text{ mm}^4$

POLAR MI = 19382941.2 mm<sup>4</sup>



### UA4305 - NZ

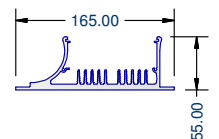
#### HEATSINK

OAD = 165.00 x 55.00 mm

W = 4.381 kg/m P = 918.2 mm

$I_x = 274340 \text{ mm}^4$   $I_y = 3140128.53 \text{ mm}^4$

POLAR MI = 34144685.3 mm<sup>4</sup>



### UA2284 - NZ

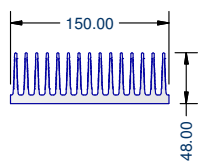
#### HEATSINK

OAD = 150.00 x 48.00 mm

W = 8.006 kg/m P = 1733.7 mm

$I_x = 536868.06 \text{ mm}^4$   $I_y = 5546604.97 \text{ mm}^4$

POLAR MI = 60834730.3 mm<sup>4</sup>



### UA4321 - AUS

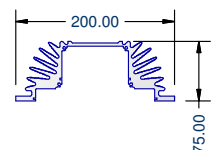
#### HEATSINK

OAD = 200.00 x 75.00 mm

W = 8.675 kg/m P = 1291.4 mm

$I_x = 1496876.03 \text{ mm}^4$   $I_y = 11756474.23 \text{ mm}^4$

POLAR MI = 132533502.6 mm<sup>4</sup>



### UA2651 - NZ

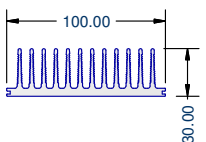
#### HEATSINK

OAD = 100.00 x 30.00 mm

W = 3.088 kg/m P = 927.8 mm

$I_x = 88172.71 \text{ mm}^4$   $I_y = 849695.85 \text{ mm}^4$

POLAR MI = 9378685.6 mm<sup>4</sup>



### UA4348 - NZ

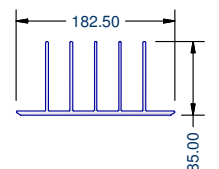
#### HEATSINK

OAD = 182.50 x 85.00 mm

W = 5.648 kg/m P = 1158.4 mm

$I_x = 1551313.39 \text{ mm}^4$   $I_y = 4267015.01 \text{ mm}^4$

POLAR MI = 58183284 mm<sup>4</sup>



### UA2880 - NZ

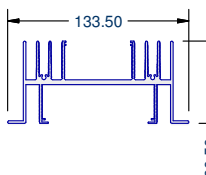
#### HEATSINK

OAD = 133.50 x 60.50 mm

W = 3.017 kg/m P = 1061.2 mm

$I_x = 244015.2 \text{ mm}^4$   $I_y = 1826203.35 \text{ mm}^4$

POLAR MI = 20702185.5 mm<sup>4</sup>



### UA4574 - NZ

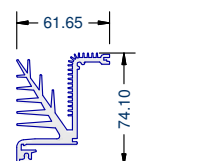
#### HEATSINK

OAD = 61.65 x 74.10 mm

W = 2.594 kg/m P = 721.8 mm

$I_x = 434076.64 \text{ mm}^4$   $I_y = 151049.67 \text{ mm}^4$

POLAR MI = 5851263.1 mm<sup>4</sup>



## HEATSINK

### UA4718 - NZ

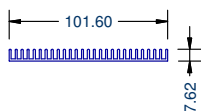
HEATSINK

OAD = 101.60 x 7.62 mm

W = 1.003 kg/m P = 519.7 mm

$I_x = 1935.13 \text{ mm}^4$   $I_y = 328554.42 \text{ mm}^4$

POLAR MI = 3304895.5 mm<sup>4</sup>



### UA4956 - NZ

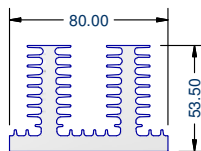
HEATSINK

OAD = 80.00 x 53.50 mm

W = 4.471 kg/m P = 820 mm

$I_x = 462329.83 \text{ mm}^4$   $I_y = 772907.88 \text{ mm}^4$

POLAR MI = 12352377.1 mm<sup>4</sup>



### UA4979 - NZ

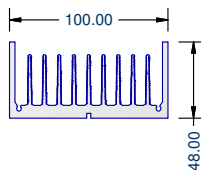
HEATSINK

OAD = 100.00 x 48.00 mm

W = 4.509 kg/m P = 1165.3 mm

$I_x = 268638.79 \text{ mm}^4$   $I_y = 1644419.46 \text{ mm}^4$

POLAR MI = 19130582.5 mm<sup>4</sup>



### UA5073 - NZ

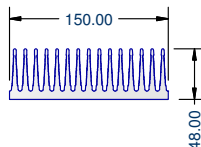
HEATSINK

OAD = 150.00 x 48.00 mm

W = 9.259 kg/m P = 1565.9 mm

$I_x = 613753.28 \text{ mm}^4$   $I_y = 6414840.9 \text{ mm}^4$

POLAR MI = 70285941.8 mm<sup>4</sup>

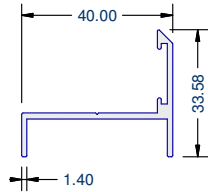


## LOUVRE

### UA1063 - NZ

#### FRAME

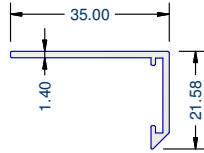
OAD = 40.00 x 33.58 mm  
W = 0.363 kg/m P = 175.3 mm  
 $I_x = 5713.88 \text{ mm}^4$   $I_y = 30906.33 \text{ mm}^4$   
POLAR MI = 366202.1 mm<sup>4</sup>



### UA1064 - NZ

#### FRAME

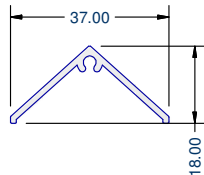
OAD = 35.00 x 21.58 mm  
W = 0.225 kg/m P = 121.6 mm  
 $I_x = 2263.14 \text{ mm}^4$   $I_y = 11822.79 \text{ mm}^4$   
POLAR MI = 140859.3 mm<sup>4</sup>



### UA1065 - NZ

#### 37MM BLADE

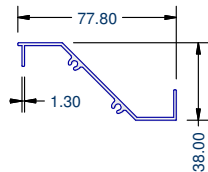
OAD = 37.00 x 18.00 mm  
W = 0.209 kg/m P = 109.2 mm  
 $I_x = 1801.33 \text{ mm}^4$   $I_y = 8144.18 \text{ mm}^4$   
POLAR MI = 99455.1 mm<sup>4</sup>



### UA1089 - NZ/AUS

#### 38MM BLADE FITS 2885

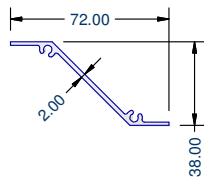
OAD = 77.80 x 38.00 mm  
W = 0.522 kg/m P = 260.2 mm  
 $I_x = 5016.13 \text{ mm}^4$   $I_y = 134494.67 \text{ mm}^4$   
POLAR MI = 1395108 mm<sup>4</sup>



### UA1368 - NZ

#### 38MM BLADE FITS 2885

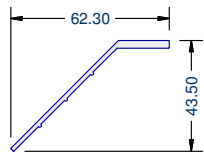
OAD = 72.00 x 38.00 mm  
W = 0.51 kg/m P = 199.2 mm  
 $I_x = 1248.67 \text{ mm}^4$   $I_y = 101839.2 \text{ mm}^4$   
POLAR MI = 1030878.7 mm<sup>4</sup>



### UA1572 - NZ/AUS

#### BLADE FITS 4635

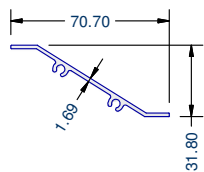
OAD = 62.30 x 43.50 mm  
W = 0.44 kg/m P = 164.6 mm  
 $I_x = 1527.2 \text{ mm}^4$   $I_y = 82462.82 \text{ mm}^4$   
POLAR MI = 839900.2 mm<sup>4</sup>



### UA1661 - NZ

#### 31.8MM BLADE FITS 1655

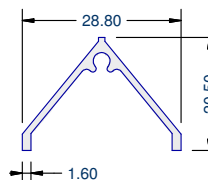
OAD = 70.70 x 31.80 mm  
W = 0.444 kg/m P = 191.8 mm  
 $I_x = 527.93 \text{ mm}^4$   $I_y = 73016.87 \text{ mm}^4$   
POLAR MI = 735448 mm<sup>4</sup>



### UA1902 - NZ

#### 28.8MM BLADE

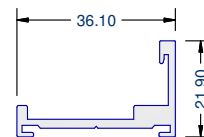
OAD = 28.80 x 20.50 mm  
W = 0.182 kg/m P = 104.7 mm  
 $I_x = 2206.3 \text{ mm}^4$   $I_y = 4996.04 \text{ mm}^4$   
POLAR MI = 72023.4 mm<sup>4</sup>



### UA1903 - NZ

#### FRAME

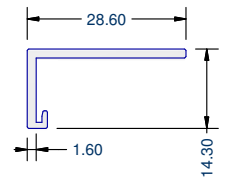
OAD = 36.10 x 21.90 mm  
W = 0.394 kg/m P = 144.6 mm  
 $I_x = 3331.79 \text{ mm}^4$   $I_y = 22871.02 \text{ mm}^4$   
POLAR MI = 262028.1 mm<sup>4</sup>



### UA1904 - NZ

#### FRAME

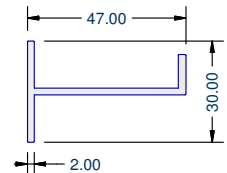
OAD = 28.60 x 14.30 mm  
W = 0.189 kg/m P = 92.9 mm  
 $I_x = 857.05 \text{ mm}^4$   $I_y = 6414.18 \text{ mm}^4$   
POLAR MI = 72712.3 mm<sup>4</sup>



### UA1913 - NZ

#### 42MM FRAME

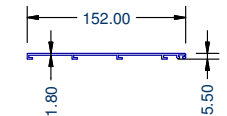
OAD = 47.00 x 30.00 mm  
W = 0.467 kg/m P = 173.1 mm  
 $I_x = 5142.16 \text{ mm}^4$   $I_y = 54163.35 \text{ mm}^4$   
POLAR MI = 593055.1 mm<sup>4</sup>



### UA2879 - NZ

#### BLADE

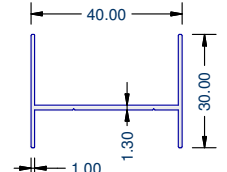
OAD = 152.00 x 5.50 mm  
W = 0.891 kg/m P = 378.7 mm  
 $I_x = 585.18 \text{ mm}^4$   $I_y = 69333.05 \text{ mm}^4$   
POLAR MI = 6939182.3 mm<sup>4</sup>



### UA2885 - NZ

#### 38MM FRAME

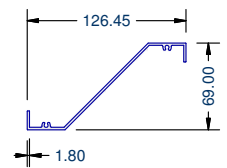
OAD = 40.00 x 30.00 mm  
W = 0.294 kg/m P = 196.9 mm  
 $I_x = 4983.02 \text{ mm}^4$   $I_y = 28684.81 \text{ mm}^4$   
POLAR MI = 336678.3 mm<sup>4</sup>



### UA3101 - NZ/AUS

#### 69MM BLADE FITS 1671

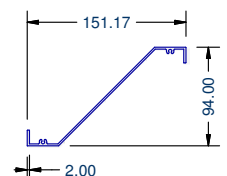
OAD = 126.45 x 69.00 mm  
W = 0.961 kg/m P = 389.6 mm  
 $I_x = 15740.42 \text{ mm}^4$   $I_y = 809920.82 \text{ mm}^4$   
POLAR MI = 8256612.4 mm<sup>4</sup>



### UA3102 - NZ/AUS

#### 94MM BLADE FITS 1135

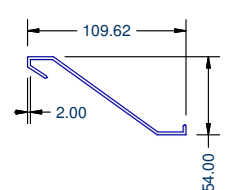
OAD = 151.17 x 94.00 mm  
W = 1.256 kg/m P = 459.7 mm  
 $I_x = 21250.33 \text{ mm}^4$   $I_y = 1600361.58 \text{ mm}^4$   
POLAR MI = 16216119.1 mm<sup>4</sup>



### UA3164 - NZ

#### 54MM BLADE

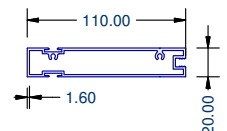
OAD = 109.62 x 54.00 mm  
W = 0.81 kg/m P = 302.8 mm  
 $I_x = 4785.29 \text{ mm}^4$   $I_y = 450284.07 \text{ mm}^4$   
POLAR MI = 4550693.6 mm<sup>4</sup>



### UA3431 - NZ

#### FRAME

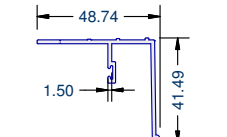
OAD = 110.00 x 20.00 mm  
W = 1.328 kg/m P = 310.5 mm  
 $I_x = 32631.62 \text{ mm}^4$   $I_y = 653061.85 \text{ mm}^4$   
POLAR MI = 6856934.7 mm<sup>4</sup>



### UA3442 - NZ

#### WEATHER BAR

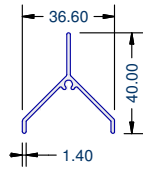
OAD = 48.74 x 41.49 mm  
W = 0.437 kg/m P = 220 mm  
 $I_x = 10843.65 \text{ mm}^4$   $I_y = 44337.99 \text{ mm}^4$   
POLAR MI = 551816.4 mm<sup>4</sup>



## LOUVRE

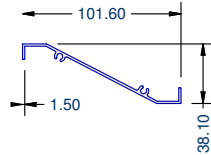
### UA3653 - NZ

36.6MM BLADE FITS 3615  
 OAD = 36.60 x 40.00 mm  
 W = 0.307 kg/m P = 159.4 mm  
 $I_x = 10796.42 \text{ mm}^4$   $I_y = 11607.25 \text{ mm}^4$   
 POLAR MI = 224036.7 mm<sup>4</sup>



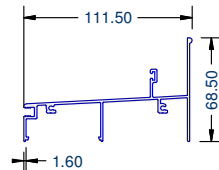
### UA3699 - NZ

38.1MM BLADE FITS 1144  
 OAD = 101.60 x 38.10 mm  
 W = 0.595 kg/m P = 286.7 mm  
 $I_x = 1948.35 \text{ mm}^4$   $I_y = 256334.03 \text{ mm}^4$   
 POLAR MI = 2582823.8 mm<sup>4</sup>



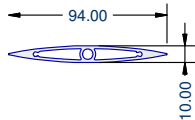
### UA3877 - NZ

SILL  
 OAD = 111.50 x 68.50 mm  
 W = 1.307 kg/m P = 577.5 mm  
 $I_x = 66763.41 \text{ mm}^4$   $I_y = 757007.67 \text{ mm}^4$   
 POLAR MI = 8237710.8 mm<sup>4</sup>



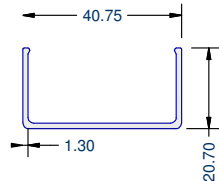
### UA4085 - NZ

BLADE  
 OAD = 94.00 x 10.00 mm  
 W = 0.92 kg/m P = 190.3 mm  
 $I_x = 2931.8 \text{ mm}^4$   $I_y = 222061.42 \text{ mm}^4$   
 POLAR MI = 2249932.2 mm<sup>4</sup>



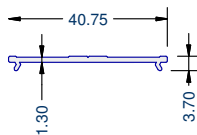
### UA4133 - NZ

CHANNEL  
 OAD = 40.75 x 20.70 mm  
 W = 0.292 kg/m P = 159.4 mm  
 $I_x = 4593.85 \text{ mm}^4$   $I_y = 27682.39 \text{ mm}^4$   
 POLAR MI = 322762.4 mm<sup>4</sup>



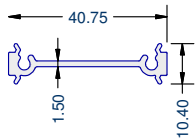
### UA4134 - NZ

CHANNEL LID  
 OAD = 40.75 x 3.70 mm  
 W = 0.163 kg/m P = 93.2 mm  
 $I_x = 23.28 \text{ mm}^4$   $I_y = 9156.89 \text{ mm}^4$   
 POLAR MI = 91801.7 mm<sup>4</sup>



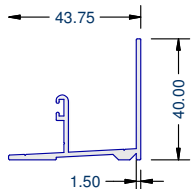
### UA4202 - NZ

JOINTER  
 OAD = 40.75 x 10.40 mm  
 W = 0.28 kg/m P = 129.3 mm  
 $I_x = 320.67 \text{ mm}^4$   $I_y = 22218.94 \text{ mm}^4$   
 POLAR MI = 225396.1 mm<sup>4</sup>



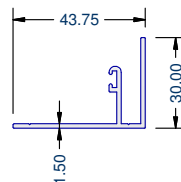
### UA4203 - NZ

SILL WEATHER BAR  
 OAD = 43.75 x 40.00 mm  
 W = 0.479 kg/m P = 219.9 mm  
 $I_x = 13550.15 \text{ mm}^4$   $I_y = 39867.74 \text{ mm}^4$   
 POLAR MI = 534178.9 mm<sup>4</sup>



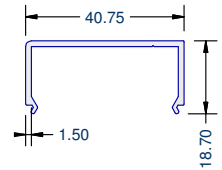
### UA4204 - NZ

HEAD WEATHER BAR  
 OAD = 43.75 x 30.00 mm  
 W = 0.391 kg/m P = 197.6 mm  
 $I_x = 5926 \text{ mm}^4$   $I_y = 27057.1 \text{ mm}^4$   
 POLAR MI = 329831 mm<sup>4</sup>



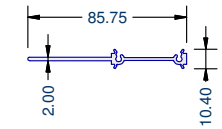
### UA4205 - NZ

EXTENSION  
 OAD = 40.75 x 18.70 mm  
 W = 0.305 kg/m P = 155.6 mm  
 $I_x = 3727.12 \text{ mm}^4$   $I_y = 28075.78 \text{ mm}^4$   
 POLAR MI = 318029 mm<sup>4</sup>



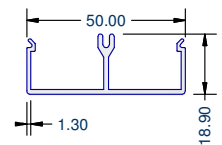
### UA4206 - NZ

FINNED JOINTER  
 OAD = 85.75 x 10.40 mm  
 W = 0.522 kg/m P = 218.4 mm  
 $I_x = 350.85 \text{ mm}^4$   $I_y = 125073.1 \text{ mm}^4$   
 POLAR MI = 1254239.5 mm<sup>4</sup>



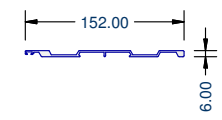
### UA4230 - NZ

TORSION BAR  
 OAD = 50.00 x 18.90 mm  
 W = 0.423 kg/m P = 216.9 mm  
 $I_x = 5745.27 \text{ mm}^4$   $I_y = 41091.1 \text{ mm}^4$   
 POLAR MI = 468363.7 mm<sup>4</sup>



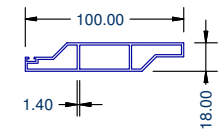
### UA4231 - NZ

BLADE  
 OAD = 152.00 x 6.00 mm  
 W = 0.992 kg/m P = 355.9 mm  
 $I_x = 1409.06 \text{ mm}^4$   $I_y = 834636.76 \text{ mm}^4$   
 POLAR MI = 8360458.2 mm<sup>4</sup>



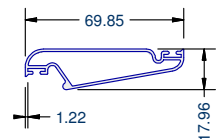
### UA4609 - NZ

BLADE  
 OAD = 100.00 x 18.00 mm  
 W = 0.959 kg/m P = 233.9 mm  
 $I_x = 13990.42 \text{ mm}^4$   $I_y = 306362.19 \text{ mm}^4$   
 POLAR MI = 3203526.1 mm<sup>4</sup>



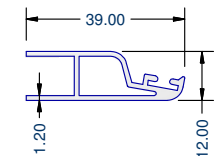
### UA5018 - NZ

BLADE  
 OAD = 69.85 x 17.96 mm  
 W = 0.59 kg/m P = 200 mm  
 $I_x = 6578.12 \text{ mm}^4$   $I_y = 105207.69 \text{ mm}^4$   
 POLAR MI = 1117858.1 mm<sup>4</sup>



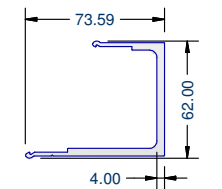
### UA5022 - NZ

FIXED BLADE  
 OAD = 39.00 x 12.00 mm  
 W = 0.331 kg/m P = 137.6 mm  
 $I_x = 2035.34 \text{ mm}^4$   $I_y = 14861.79 \text{ mm}^4$   
 POLAR MI = 168971.3 mm<sup>4</sup>



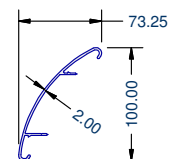
### UA5032 - NZ

BRACKET  
 OAD = 73.59 x 62.00 mm  
 W = 1.556 kg/m P = 333.4 mm  
 $I_x = 385060.88 \text{ mm}^4$   $I_y = 145719.46 \text{ mm}^4$   
 POLAR MI = 5307803.4 mm<sup>4</sup>



### UA5033 - NZ

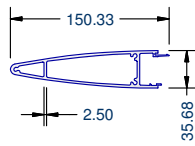
SUN BLADE  
 OAD = 73.25 x 100.00 mm  
 W = 0.932 kg/m P = 358.2 mm  
 $I_x = 492022.95 \text{ mm}^4$   $I_y = 16768.89 \text{ mm}^4$   
 POLAR MI = 5087918.4 mm<sup>4</sup>



## LOUVRE

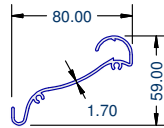
### UA5091 - NZ\*

360 LTD BLADE  
OAD = 150.32 x 35.68 mm  
W = 2.425 kg/m P = 399.2 mm  
 $I_x = 130797.34 \text{ mm}^4$   $I_y = 1667488.11 \text{ mm}^4$   
POLAR MI = 17982854.5 mm<sup>4</sup>



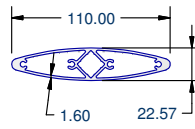
### UA5234 - NZ

STORM LOUVRE  
OAD = 80.00 x 59.00 mm  
W = 0.769 kg/m P = 327.4 mm  
 $I_x = 8882.9 \text{ mm}^4$   $I_y = 271206.76 \text{ mm}^4$   
POLAR MI = 2800896.6 mm<sup>4</sup>



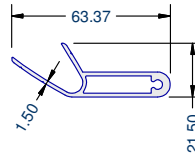
### UA5354 - NZ/AUS

BLADE  
OAD = 110.00 x 22.57 mm  
W = 1.536 kg/m P = 231.9 mm  
 $I_x = 27175.29 \text{ mm}^4$   $I_y = 571108.35 \text{ mm}^4$   
POLAR MI = 5982836.4 mm<sup>4</sup>



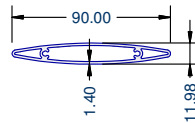
### UA5355 - NZ

BRACKET FITS 5354, 6758  
OAD = 63.37 x 21.50 mm  
W = 0.585 kg/m P = 177.8 mm  
 $I_x = 4633.83 \text{ mm}^4$   $I_y = 67967.74 \text{ mm}^4$   
POLAR MI = 726015.7 mm<sup>4</sup>



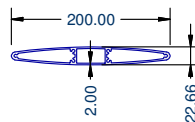
### UA5374 - AUS\*

360 LTD BLADE  
OAD = 90.00 x 11.98 mm  
W = 0.783 kg/m P = 185.6 mm  
 $I_x = 4339.51 \text{ mm}^4$   $I_y = 198074.83 \text{ mm}^4$   
POLAR MI = 2024143.4 mm<sup>4</sup>



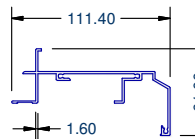
### UA5375 - NZ/AUS\*

360 LTD BLADE  
OAD = 200.00 x 22.66 mm  
W = 2.673 kg/m P = 412.5 mm  
 $I_x = 60136.75 \text{ mm}^4$   $I_y = 3183262.11 \text{ mm}^4$   
POLAR MI = 32433988.6 mm<sup>4</sup>



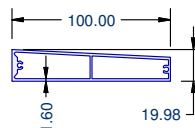
### UA5442 - NZ

FRAME  
OAD = 111.40 x 61.00 mm  
W = 1.114 kg/m P = 517.9 mm  
 $I_x = 55278.27 \text{ mm}^4$   $I_y = 560676.04 \text{ mm}^4$   
POLAR MI = 6159543.1 mm<sup>4</sup>



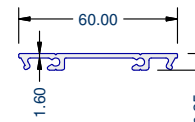
### UA5502 - NZ\*

360 LTD SECTION  
OAD = 100.00 x 19.98 mm  
W = 1.131 kg/m P = 234.6 mm  
 $I_x = 21898.48 \text{ mm}^4$   $I_y = 448622.36 \text{ mm}^4$   
POLAR MI = 4705208.4 mm<sup>4</sup>



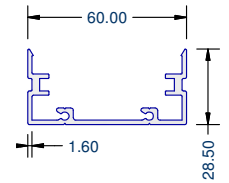
### UA5535 - NZ

MULLION CLIP  
OAD = 60.00 x 6.25 mm  
W = 0.399 kg/m P = 173.2 mm  
 $I_x = 493.39 \text{ mm}^4$   $I_y = 50535.08 \text{ mm}^4$   
POLAR MI = 510284.7 mm<sup>4</sup>



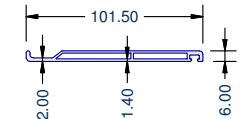
### UA5536 - NZ

MULLION  
OAD = 60.00 x 28.50 mm  
W = 0.724 kg/m P = 306.4 mm  
 $I_x = 17406.29 \text{ mm}^4$   $I_y = 143164.95 \text{ mm}^4$   
POLAR MI = 1605712.4 mm<sup>4</sup>



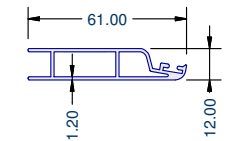
### UA5545 - NZ/AUS

BLADE  
OAD = 101.50 x 6.00 mm  
W = 0.8 kg/m P = 226.2 mm  
 $I_x = 1363.42 \text{ mm}^4$   $I_y = 263900.74 \text{ mm}^4$   
POLAR MI = 2652641.6 mm<sup>4</sup>



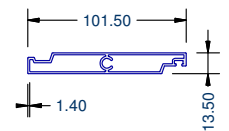
### UA5546 - NZ

FIXED BLADE  
OAD = 61.00 x 12.00 mm  
W = 0.504 kg/m P = 174.8 mm  
 $I_x = 3768.65 \text{ mm}^4$   $I_y = 58910.71 \text{ mm}^4$   
POLAR MI = 626792 mm<sup>4</sup>



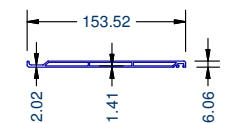
### UA5626 - NZ

BLADE  
OAD = 101.50 x 13.50 mm  
W = 0.955 kg/m P = 238.8 mm  
 $I_x = 9248.65 \text{ mm}^4$   $I_y = 325850.17 \text{ mm}^4$   
POLAR MI = 3350988.2 mm<sup>4</sup>



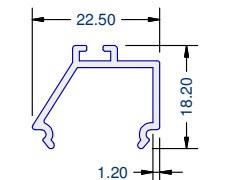
### UA5768 - NZ/AUS

BLADE  
OAD = 153.52 x 6.06 mm  
W = 1.222 kg/m P = 333 mm  
 $I_x = 2220.18 \text{ mm}^4$   $I_y = 908001.57 \text{ mm}^4$   
POLAR MI = 9102217.5 mm<sup>4</sup>



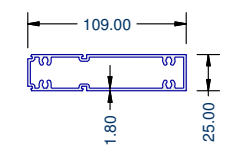
### UA5800 - NZ

BEAD  
OAD = 22.50 x 18.20 mm  
W = 0.186 kg/m P = 115.6 mm  
 $I_x = 1918.64 \text{ mm}^4$   $I_y = 3956.59 \text{ mm}^4$   
POLAR MI = 58752.3 mm<sup>4</sup>



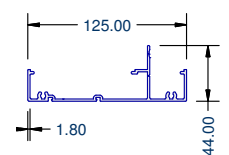
### UA5801 - AUS

MULLION  
OAD = 109.00 x 25.00 mm  
W = 1.614 kg/m P = 282.6 mm  
 $I_x = 63857.11 \text{ mm}^4$   $I_y = 807682.74 \text{ mm}^4$   
POLAR MI = 8715398.5 mm<sup>4</sup>



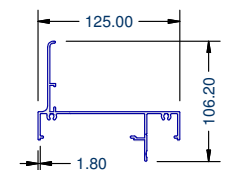
### UA5802 - AUS

HEAD JAMB  
OAD = 125.00 x 44.00 mm  
W = 1.316 kg/m P = 522.2 mm  
 $I_x = 50164.08 \text{ mm}^4$   $I_y = 877325.16 \text{ mm}^4$   
POLAR MI = 9274892.4 mm<sup>4</sup>



### UA5803 - AUS

SILL  
OAD = 125.00 x 106.20 mm  
W = 1.652 kg/m P = 653.5 mm  
 $I_x = 182171.97 \text{ mm}^4$   $I_y = 1311137.14 \text{ mm}^4$   
POLAR MI = 14933091.1 mm<sup>4</sup>

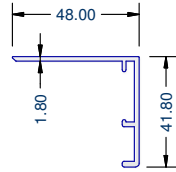


## LOUVRE

### UA5804 - AUS

#### HEAD ADAPTOR

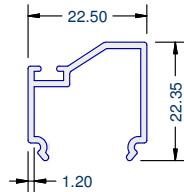
OAD = 48.00 x 41.80 mm  
W = 0.492 kg/m P = 204.4 mm  
 $I_x = 15748.79 \text{ mm}^4$   $I_y = 59386.28 \text{ mm}^4$   
POLAR MI = 751350.7 mm<sup>4</sup>



### UA5805 - AUS

#### BEAD

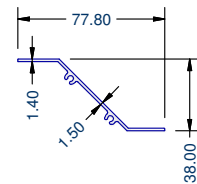
OAD = 22.50 x 22.35 mm  
W = 0.227 kg/m P = 141.8 mm  
 $I_x = 3533.18 \text{ mm}^4$   $I_y = 6658.73 \text{ mm}^4$   
POLAR MI = 101919.1 mm<sup>4</sup>



### UA6401 - NZ

#### 38MM BLADE

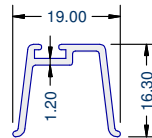
OAD = 77.80 x 38.00 mm  
W = 0.439 kg/m P = 213.2 mm  
 $I_x = 1682.68 \text{ mm}^4$   $I_y = 90503 \text{ mm}^4$   
POLAR MI = 921856.8 mm<sup>4</sup>



### UA6445 - AUS

#### 120MM SNAP IN

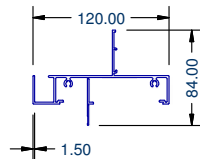
OAD = 19.00 x 16.30 mm  
W = 0.159 kg/m P = 99.6 mm  
 $I_x = 1476.08 \text{ mm}^4$   $I_y = 2265.26 \text{ mm}^4$   
POLAR MI = 37413.4 mm<sup>4</sup>



### UA6446 - AUS

#### 120MM HEAD

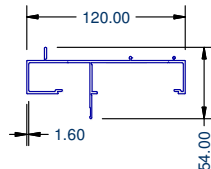
OAD = 120.00 x 84.00 mm  
W = 1.406 kg/m P = 670.3 mm  
 $I_x = 103220.37 \text{ mm}^4$   $I_y = 72544.144 \text{ mm}^4$   
POLAR MI = 8286618.1 mm<sup>4</sup>



### UA6447 - AUS

#### 120MM JAMB

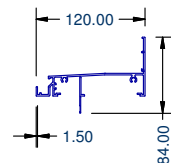
OAD = 120.00 x 54.00 mm  
W = 1.093 kg/m P = 531.9 mm  
 $I_x = 49766.35 \text{ mm}^4$   $I_y = 661650.88 \text{ mm}^4$   
POLAR MI = 7114172.3 mm<sup>4</sup>



### UA6448 - AUS

#### 120MM JAMB

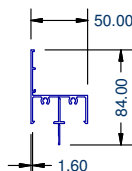
OAD = 120.00 x 84.00 mm  
W = 1.389 kg/m P = 661 mm  
 $I_x = 76498.98 \text{ mm}^4$   $I_y = 937957.19 \text{ mm}^4$   
POLAR MI = 10144561.7 mm<sup>4</sup>



### UA6449 - AUS

#### 50MM FRAME NO. 2

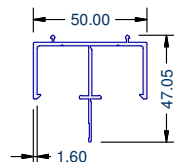
OAD = 50.00 x 84.00 mm  
W = 0.923 kg/m P = 439.7 mm  
 $I_x = 55323.96 \text{ mm}^4$   $I_y = 135831.95 \text{ mm}^4$   
POLAR MI = 1911559.1 mm<sup>4</sup>



### UA6450 - AUS

#### 50MM FRAME NO. 1

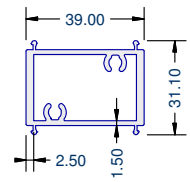
OAD = 50.00 x 47.05 mm  
W = 0.624 kg/m P = 315.1 mm  
 $I_x = 28589.17 \text{ mm}^4$   $I_y = 64399.11 \text{ mm}^4$   
POLAR MI = 929882.8 mm<sup>4</sup>



### UA6485 - AUS

#### MULLION

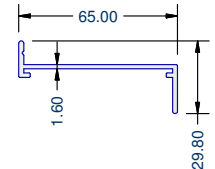
OAD = 39.00 x 31.10 mm  
W = 0.759 kg/m P = 154.9 mm  
 $I_x = 25967.34 \text{ mm}^4$   $I_y = 59996.83 \text{ mm}^4$   
POLAR MI = 859641.7 mm<sup>4</sup>



### UA6488 - AUS

#### SCREEN STAND OUT

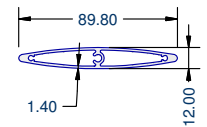
OAD = 65.00 x 29.80 mm  
W = 0.473 kg/m P = 204.9 mm  
 $I_x = 3182.27 \text{ mm}^4$   $I_y = 107265.55 \text{ mm}^4$   
POLAR MI = 1104478.2 mm<sup>4</sup>



### UA6526 - NZ

#### BLADE

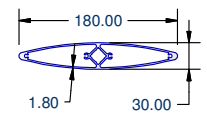
OAD = 89.80 x 12.00 mm  
W = 0.808 kg/m P = 185.2 mm  
 $I_x = 4428.4 \text{ mm}^4$   $I_y = 201952.43 \text{ mm}^4$   
POLAR MI = 2063808.3 mm<sup>4</sup>



### UA6758 - NZ

#### BLADE

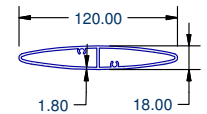
OAD = 180.00 x 30.00 mm  
W = 2.412 kg/m P = 372.9 mm  
 $I_x = 83211.62 \text{ mm}^4$   $I_y = 2307787.73 \text{ mm}^4$   
POLAR MI = 23909993.5 mm<sup>4</sup>



### UA6860 - NZ

#### BLADE

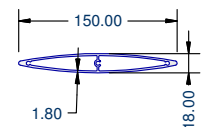
OAD = 120.00 x 18.00 mm  
W = 1.315 kg/m P = 248.7 mm  
 $I_x = 18551.85 \text{ mm}^4$   $I_y = 536726.81 \text{ mm}^4$   
POLAR MI = 5552786.6 mm<sup>4</sup>



### UA6876 - NZ/AUS

#### BLADE

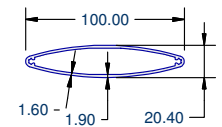
OAD = 150.00 x 18.00 mm  
W = 1.588 kg/m P = 306.4 mm  
 $I_x = 20504.1 \text{ mm}^4$   $I_y = 1089477.03 \text{ mm}^4$   
POLAR MI = 11099811.3 mm<sup>4</sup>



### UA8029 - AUS

#### BLADE

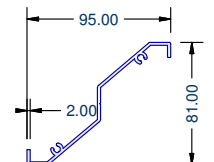
OAD = 100.00 x 20.40 mm  
W = 0.942 kg/m P = 210.6 mm  
 $I_x = 17568.91 \text{ mm}^4$   $I_y = 308448.34 \text{ mm}^4$   
POLAR MI = 3260172.5 mm<sup>4</sup>



### UA3414 - NZ

#### OAD = 95.00 x 81.00 mm

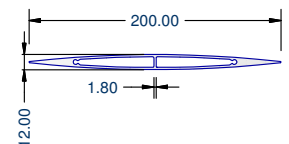
W = 0.949 kg/m P = 351.4 mm  
 $I_x = 541836.21 \text{ mm}^4$   $I_y = 10050.36 \text{ mm}^4$   
POLAR MI = 5518865.7 mm<sup>4</sup>



### UA7198 - NZ

#### 200MM LOUVRE BLADE

OAD = 200.00 x 12.00 mm  
W = 2.155 kg/m P = 402 mm  
 $I_x = 9956.9 \text{ mm}^4$   $I_y = 2578874.4 \text{ mm}^4$   
POLAR MI = 25888313 mm<sup>4</sup>



## LOUVRE

### UA7425 - NZ

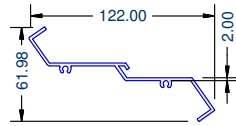
#### LOUVRE BLADE

OAD = 123.00 x 62.38 mm

W = 1.061 kg/m P = 388.9 mm

$I_x = 12673.96 \text{ mm}^4$   $I_y = 646851.79 \text{ mm}^4$

POLAR MI = 6595257.5 mm<sup>4</sup>



### UA7452 - NZ

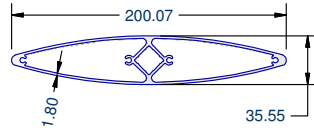
#### ELLIPTICAL LOUVRE BLADE

OAD = 200.07 x 35.55 mm

W = 2.737 kg/m P = 414.5 mm

$I_x = 132818.03 \text{ mm}^4$   $I_y = 3134138.4 \text{ mm}^4$

POLAR MI = 32669564.3 mm<sup>4</sup>



### UA7461 - NZ

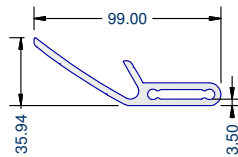
#### LOUVRE BLADE HOLDER FOR UA7452

OAD = 99.00 x 35.94 mm

W = 1.669 kg/m P = 262.9 mm

$I_x = 19976.83 \text{ mm}^4$   $I_y = 466466.05 \text{ mm}^4$

POLAR MI = 4864428.8 mm<sup>4</sup>



### UA10102 - AUS

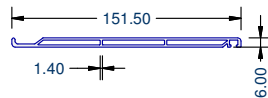
#### 152MM LOUVRE BLADE

OAD = 151.50 x 6.00 mm

W = 1.178 kg/m P = 330.9 mm

$I_x = 2122.65 \text{ mm}^4$   $I_y = 835561.45 \text{ mm}^4$

POLAR MI = 8376841 mm<sup>4</sup>



### UA4421 - NZ

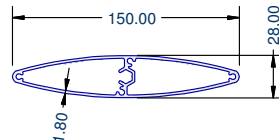
#### LOUVRE

OAD = 150.00 x 28.00 mm

W = 1.803 kg/m P = 313.1 mm

$I_x = 59743.44 \text{ mm}^4$   $I_y = 1172753.63 \text{ mm}^4$

POLAR MI = 12324970.7 mm<sup>4</sup>



### UA4733 - NZ

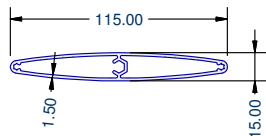
#### LOUVRE

OAD = 115.00 x 15.00 mm

W = 1.062 kg/m P = 238.5 mm

$I_x = 10474.62 \text{ mm}^4$   $I_y = 421614.92 \text{ mm}^4$

POLAR MI = 4320895.4 mm<sup>4</sup>



### UA7730 - NZ

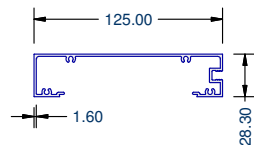
#### LOUVRE FRAME MULLION

OAD = 125.00 x 28.30 mm

W = 1.147 kg/m P = 521.7 mm

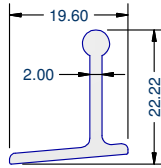
$I_x = 49986.42 \text{ mm}^4$   $I_y = 937251.96 \text{ mm}^4$

POLAR MI = 9872383.8 mm<sup>4</sup>



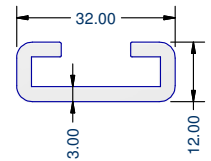
## UA1318 - NZ

TOE RAIL  
OAD = 19.60 x 22.22 mm  
W = 0.22 kg/m P = 80.4 mm  
 $I_x = 4815.59 \text{ mm}^4$   $I_y = 1121.43 \text{ mm}^4$   
POLAR MI = 59370.2 mm<sup>4</sup>



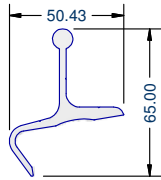
## UA1424 - NZ

SAIL TRACK  
OAD = 32.00 x 12.00 mm  
W = 0.478 kg/m P = 124 mm  
 $I_x = 2805.2 \text{ mm}^4$   $I_y = 21233.44 \text{ mm}^4$   
POLAR MI = 240386.4 mm<sup>4</sup>



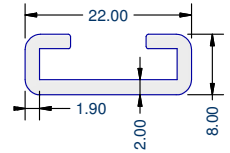
## UA1415 - NZ

TOE RAIL PREPUNCHED  
OAD = 50.43 x 65.00 mm  
W = 1.126 kg/m P = 218.9 mm  
 $I_x = 109919.09 \text{ mm}^4$   $I_y = 47369.38 \text{ mm}^4$   
POLAR MI = 1572884.7 mm<sup>4</sup>



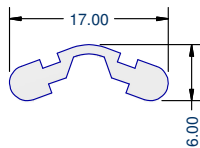
## UA1425 - NZ/AUS

SAIL TRACK  
OAD = 22.00 x 8.00 mm  
W = 0.213 kg/m P = 84.4 mm  
 $I_x = 558.26 \text{ mm}^4$   $I_y = 4495.7 \text{ mm}^4$   
POLAR MI = 50539.6 mm<sup>4</sup>



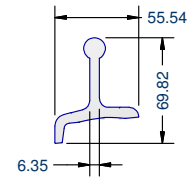
## UA1416 - NZ/AUS^

PERSPEX JOINTER  
OAD = 17.00 x 6.00 mm  
W = 0.119 kg/m P = 49.5 mm  
 $I_x = 91.03 \text{ mm}^4$   $I_y = 1267.64 \text{ mm}^4$   
POLAR MI = 13586.7 mm<sup>4</sup>



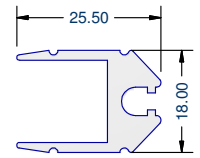
## UA1519 - NZ

TOE RAIL PREPUNCHED  
OAD = 55.54 x 69.82 mm  
W = 2.194 kg/m P = 234.9 mm  
 $I_x = 301867.71 \text{ mm}^4$   $I_y = 113475.99 \text{ mm}^4$   
POLAR MI = 4153437 mm<sup>4</sup>



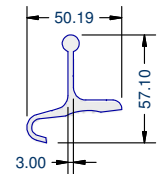
## UA1418 - NZ

PERSPEX UPRIGHT  
OAD = 25.50 x 18.00 mm  
W = 0.434 kg/m P = 129.1 mm  
 $I_x = 6137.57 \text{ mm}^4$   $I_y = 5787.66 \text{ mm}^4$   
POLAR MI = 119252.3 mm<sup>4</sup>



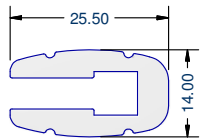
## UA1520 - NZ

TOE RAIL PREPUNCHED  
OAD = 50.19 x 57.10 mm  
W = 1.158 kg/m P = 209.5 mm  
 $I_x = 94113.5 \text{ mm}^4$   $I_y = 54120.82 \text{ mm}^4$   
POLAR MI = 1482343.2 mm<sup>4</sup>



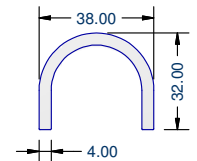
## UA1419 - NZ

5MM PERSPEX CAP  
OAD = 25.50 x 14.00 mm  
W = 0.536 kg/m P = 116.6 mm  
 $I_x = 3855.39 \text{ mm}^4$   $I_y = 10557.14 \text{ mm}^4$   
POLAR MI = 144125.3 mm<sup>4</sup>



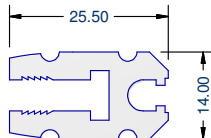
## UA1640 - NZ

4MM GUNNEL  
OAD = 38.00 x 32.00 mm  
W = 0.857 kg/m P = 166.3 mm  
 $I_x = 28593.11 \text{ mm}^4$   $I_y = 61468.6 \text{ mm}^4$   
POLAR MI = 900617.1 mm<sup>4</sup>



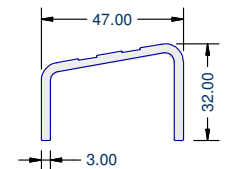
## UA1420 - NZ

5MM PERSPEX PILLAR CAP  
OAD = 25.50 x 14.00 mm  
W = 0.564 kg/m P = 138.3 mm  
 $I_x = 4333.17 \text{ mm}^4$   $I_y = 10442.11 \text{ mm}^4$   
POLAR MI = 147752.8 mm<sup>4</sup>



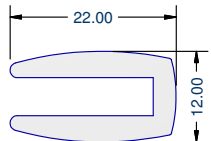
## UA2687 - NZ

GUNNEL RAIL  
OAD = 47.00 x 32.00 mm  
W = 0.757 kg/m P = 198 mm  
 $I_x = 23506.98 \text{ mm}^4$   $I_y = 94929.48 \text{ mm}^4$   
POLAR MI = 1184364.6 mm<sup>4</sup>



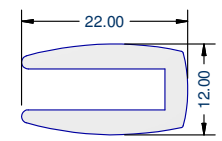
## UA1421 - NZ

5MM PERSPEX CAP  
OAD = 22.00 x 12.00 mm  
W = 0.391 kg/m P = 98.4 mm  
 $I_x = 2271.01 \text{ mm}^4$   $I_y = 5510.66 \text{ mm}^4$   
POLAR MI = 77816.7 mm<sup>4</sup>



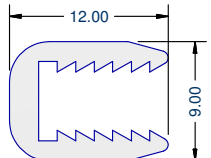
## UA2785 - NZ

5.4MM PERSPEX CAP  
OAD = 22.00 x 12.00 mm  
W = 0.371 kg/m P = 98.6 mm  
 $I_x = 2220.76 \text{ mm}^4$   $I_y = 5243.4 \text{ mm}^4$   
POLAR MI = 74641.6 mm<sup>4</sup>



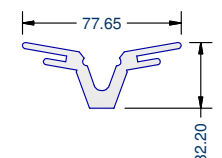
## UA1422 - NZ

5MM FIBREGLASS CAP  
OAD = 12.00 x 9.00 mm  
W = 0.133 kg/m P = 69.4 mm  
 $I_x = 498.61 \text{ mm}^4$   $I_y = 587.5 \text{ mm}^4$   
POLAR MI = 10861.1 mm<sup>4</sup>



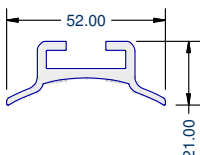
## UA2875 - NZ

KEEL  
OAD = 77.65 x 32.20 mm  
W = 1.651 kg/m P = 268.4 mm  
 $I_x = 50145.4 \text{ mm}^4$   $I_y = 178481.46 \text{ mm}^4$   
POLAR MI = 2286268.6 mm<sup>4</sup>



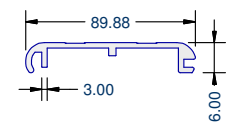
## UA1423 - NZ

SAIL TRACK  
OAD = 52.00 x 21.00 mm  
W = 0.712 kg/m P = 182.4 mm  
 $I_x = 7592.54 \text{ mm}^4$   $I_y = 48377.16 \text{ mm}^4$   
POLAR MI = 559697 mm<sup>4</sup>



## UA2907 - NZ

GUNNEL RAIL  
OAD = 89.88 x 16.00 mm  
W = 1.102 kg/m P = 260 mm  
 $I_x = 7353.79 \text{ mm}^4$   $I_y = 377153.72 \text{ mm}^4$   
POLAR MI = 3845075.1 mm<sup>4</sup>



## UA2972 - NZ

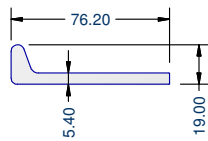
BOAT RIB

OAD = 76.20 x 19.00 mm

W = 1.392 kg/m P = 182.1 mm

$I_x = 6437.01 \text{ mm}^4$   $I_y = 296688.51 \text{ mm}^4$

POLAR MI = 3031255.2 mm<sup>4</sup>



## UA3079 - NZ

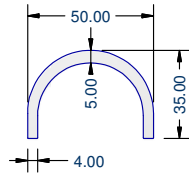
4-5-4MM GUNNEL

OAD = 50.00 x 35.00 mm

W = 1.11 kg/m P = 190 mm

$I_x = 41745.27 \text{ mm}^4$   $I_y = 125585.08 \text{ mm}^4$

POLAR MI = 1673303.5 mm<sup>4</sup>



## UA3147 - NZ

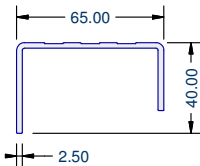
GUNNEL RAIL

OAD = 65.00 x 40.00 mm

W = 0.308 kg/m P = 262.3 mm

$I_x = 38449.6 \text{ mm}^4$   $I_y = 208978.69 \text{ mm}^4$

POLAR MI = 2474282.9 mm<sup>4</sup>



## UA3212 - NZ

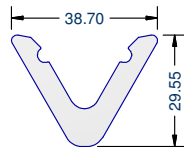
KEEL

OAD = 38.70 x 29.55 mm

W = 1.009 kg/m P = 135 mm

$I_x = 23157.56 \text{ mm}^4$   $I_y = 36779.82 \text{ mm}^4$

POLAR MI = 599373.8 mm<sup>4</sup>



## UA3213 - NZ

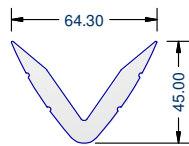
KEEL

OAD = 64.30 x 45.00 mm

W = 2.105 kg/m P = 213.4 mm

$I_x = 92234.59 \text{ mm}^4$   $I_y = 204145.46 \text{ mm}^4$

POLAR MI = 2963800.5 mm<sup>4</sup>



## UA3418 - NZ

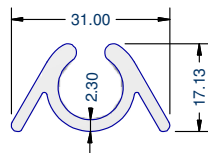
SAIL TRACK

OAD = 31.00 x 17.13 mm

W = 0.458 kg/m P = 129.5 mm

$I_x = 3943.25 \text{ mm}^4$   $I_y = 12007.29 \text{ mm}^4$

POLAR MI = 159505.4 mm<sup>4</sup>



## UA3747 - NZ

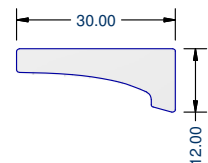
HULL PLANING STRIP

OAD = 30.00 x 12.00 mm

W = 0.525 kg/m P = 78.3 mm

$I_x = 1050.48 \text{ mm}^4$   $I_y = 15432.2 \text{ mm}^4$

POLAR MI = 164826.8 mm<sup>4</sup>



## UA3811 - NZ

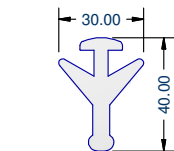
KEEL

OAD = 30.00 x 40.00 mm

W = 1.169 kg/m P = 156.6 mm

$I_x = 47024.53 \text{ mm}^4$   $I_y = 13058.44 \text{ mm}^4$

POLAR MI = 600829.7 mm<sup>4</sup>



## UA3943 - NZ

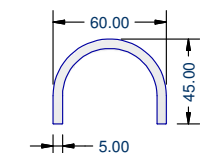
5MM GUNNEL

OAD = 60.00 x 45.00 mm

W = 1.571 kg/m P = 242.3 mm

$I_x = 104215.22 \text{ mm}^4$   $I_y = 278379.29 \text{ mm}^4$

POLAR MI = 3825945.1 mm<sup>4</sup>



## UA4903 - NZ

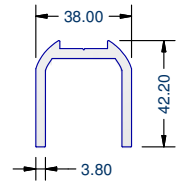
GUNNEL RAIL

OAD = 38.00 x 42.20 mm

W = 1.109 kg/m P = 221.7 mm

$I_x = 64046.82 \text{ mm}^4$   $I_y = 90671.5 \text{ mm}^4$

POLAR MI = 1547183.2 mm<sup>4</sup>



## UA5179 - NZ

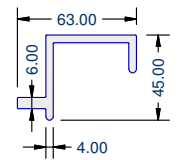
HATCH SECTION

OAD = 63.00 x 45.00 mm

W = 1.368 kg/m P = 242.8 mm

$I_x = 50348.62 \text{ mm}^4$   $I_y = 246219.41 \text{ mm}^4$

POLAR MI = 2965680.3 mm<sup>4</sup>



## UA5236 - NZ

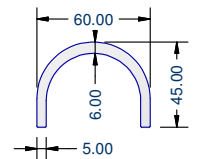
5-6-5MM GUNNEL

OAD = 60.00 x 45.00 mm

W = 1.706 kg/m P = 239.9 mm

$I_x = 108650.92 \text{ mm}^4$   $I_y = 288691.33 \text{ mm}^4$

POLAR MI = 3973422.5 mm<sup>4</sup>



## UA5237 - NZ

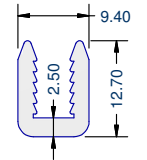
5MM PERSPEX CAP

OAD = 9.40 x 12.70 mm

W = 0.175 kg/m P = 66.6 mm

$I_x = 848.02 \text{ mm}^4$   $I_y = 697.32 \text{ mm}^4$

POLAR MI = 15453.4 mm<sup>4</sup>



## UA5283 - NZ

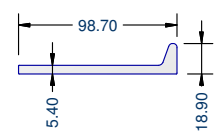
BOAT RIB

OAD = 98.70 x 18.90 mm

W = 1.691 kg/m P = 228.4 mm

$I_x = 6666.35 \text{ mm}^4$   $I_y = 599834.8 \text{ mm}^4$

POLAR MI = 6065011.5 mm<sup>4</sup>



## UA5889 - NZ

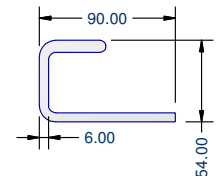
DECK CAPPING

OAD = 90.00 x 54.00 mm

W = 2.926 kg/m P = 346.4 mm

$I_x = 311162.76 \text{ mm}^4$   $I_y = 870201.6 \text{ mm}^4$

POLAR MI = 11813643.6 mm<sup>4</sup>



## UA6770 - NZ

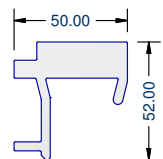
HATCH SECTION

OAD = 50.00 x 52.00 mm

W = 2.587 kg/m P = 245.9 mm

$I_x = 105386.92 \text{ mm}^4$   $I_y = 246469.98 \text{ mm}^4$

POLAR MI = 3518569 mm<sup>4</sup>



## UA6771 - NZ

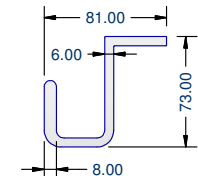
HATCH SECTION

OAD = 81.00 x 73.00 mm

W = 3.088 kg/m P = 366 mm

$I_x = 1052317.16 \text{ mm}^4$   $I_y = 226709.08 \text{ mm}^4$

POLAR MI = 12790262.4 mm<sup>4</sup>



## UA7072 - NZ

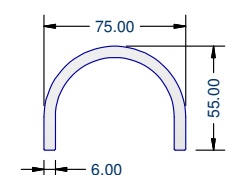
6MM GUNNEL

OAD = 75.00 x 55.00 mm

W = 2.322 kg/m P = 297.9 mm

$I_x = 230077.61 \text{ mm}^4$   $I_y = 640267.22 \text{ mm}^4$

POLAR MI = 8703448.3 mm<sup>4</sup>



## UA7177 - NZ

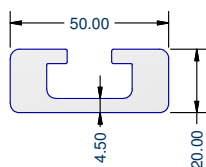
LIPPED CHANNEL

OAD = 50.00 x 20.00 mm

W = 1.717 kg/m P = 188 mm

$I_x = 25448.24 \text{ mm}^4$   $I_y = 185331.43 \text{ mm}^4$

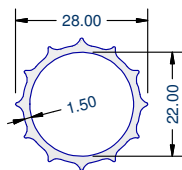
POLAR  $MI = 2107796.7 \text{ mm}^4$



## UA1006 - NZ

### LADDER RUNG

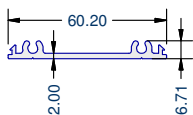
OAD = 28.00 x 28.00 mm  
W = 0.367 kg/m P = 95.7 mm  
 $I_x = 9797.7 \text{ mm}^4$   $I_y = 9797.7 \text{ mm}^4$   
POLAR MI = 195954 mm<sup>4</sup>



## UA1292 - NZ

### FLUSH INFILL

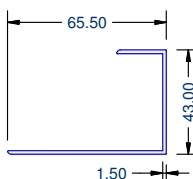
OAD = 60.20 x 6.71 mm  
W = 0.454 kg/m P = 168.6 mm  
 $I_x = 439.82 \text{ mm}^4$   $I_y = 59487.58 \text{ mm}^4$   
POLAR MI = 599274 mm<sup>4</sup>



## UA1340 - NZ

### LT7 DOOR CAP

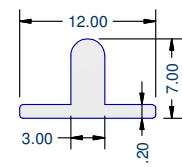
OAD = 65.50 x 43.00 mm  
W = 0.508 kg/m P = 253.3 mm  
 $I_x = 28997.31 \text{ mm}^4$   $I_y = 99853.9 \text{ mm}^4$   
POLAR MI = 1288512.1 mm<sup>4</sup>



## UA1341 - NZ/AUS^

### SLIDING DOOR TRACK

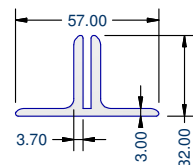
OAD = 12.00 x 7.00 mm  
W = 0.083 kg/m P = 36.2 mm  
 $I_x = 129.53 \text{ mm}^4$   $I_y = 181.74 \text{ mm}^4$   
POLAR MI = 3112.7 mm<sup>4</sup>



## UA1342 - NZ

### 3MM SPLIT TEE

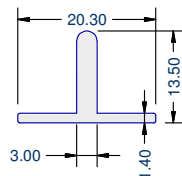
OAD = 57.00 x 32.00 mm  
W = 1.035 kg/m P = 225.6 mm  
 $I_x = 37142.34 \text{ mm}^4$   $I_y = 46424.08 \text{ mm}^4$   
POLAR MI = 835664.2 mm<sup>4</sup>



## UA1343 - NZ

### SLIDING DOOR TEE

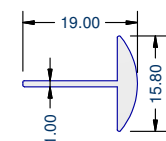
OAD = 20.30 x 13.50 mm  
W = 0.172 kg/m P = 65.8 mm  
 $I_x = 1098.82 \text{ mm}^4$   $I_y = 993.95 \text{ mm}^4$   
POLAR MI = 20927.7 mm<sup>4</sup>



## UA1345 - NZ

### DOOR TEE

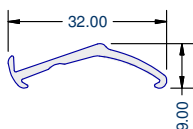
OAD = 19.00 x 15.80 mm  
W = 0.146 kg/m P = 64.6 mm  
 $I_x = 547.28 \text{ mm}^4$   $I_y = 1280.11 \text{ mm}^4$   
POLAR MI = 18273.9 mm<sup>4</sup>



## UA1346 - NZ

### 28MM TICKET HOLDER

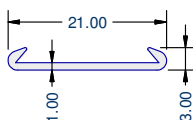
OAD = 32.00 x 9.00 mm  
W = 0.172 kg/m P = 83.7 mm  
 $I_x = 273.63 \text{ mm}^4$   $I_y = 5926.96 \text{ mm}^4$   
POLAR MI = 62005.9 mm<sup>4</sup>



## UA1347 - NZ/AUS^

### 19MM TICKET HOLDER

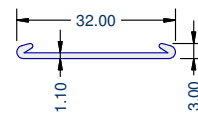
OAD = 21.00 x 3.00 mm  
W = 0.069 kg/m P = 53 mm  
 $I_x = 11.62 \text{ mm}^4$   $I_y = 1161.73 \text{ mm}^4$   
POLAR MI = 11733.5 mm<sup>4</sup>



## UA1348 - NZ/AUS^

### 29MM TICKET HOLDER

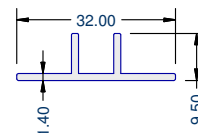
OAD = 32.00 x 3.00 mm  
W = 0.115 kg/m P = 75.8 mm  
 $I_x = 18.79 \text{ mm}^4$   $I_y = 4482.45 \text{ mm}^4$   
POLAR MI = 45012.4 mm<sup>4</sup>



## UA1352 - NZ

### 6MM GLASS SILL

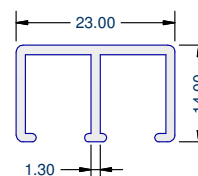
OAD = 32.00 x 9.50 mm  
W = 0.182 kg/m P = 98.2 mm  
 $I_x = 466.88 \text{ mm}^4$   $I_y = 4215.26 \text{ mm}^4$   
POLAR MI = 46821.4 mm<sup>4</sup>



## UA1353 - NZ

### 6MM GLASS TRACK TOP

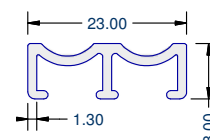
OAD = 23.00 x 14.00 mm  
W = 0.232 kg/m P = 130.8 mm  
 $I_x = 1937.48 \text{ mm}^4$   $I_y = 5492.74 \text{ mm}^4$   
POLAR MI = 74302.2 mm<sup>4</sup>



## UA1354 - NZ

### 6MM GLASS TRACK BASE

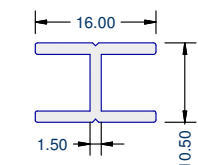
OAD = 23.00 x 8.00 mm  
W = 0.178 kg/m P = 98.3 mm  
 $I_x = 357.55 \text{ mm}^4$   $I_y = 3835.98 \text{ mm}^4$   
POLAR MI = 41935.3 mm<sup>4</sup>



## UA1356 - NZ

### 6MM GLASS JOINTER

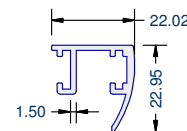
OAD = 16.00 x 10.50 mm  
W = 0.159 kg/m P = 81.6 mm  
 $I_x = 1022.15 \text{ mm}^4$   $I_y = 1016.38 \text{ mm}^4$   
POLAR MI = 20385.3 mm<sup>4</sup>



## UA1359 - NZ

### PICTURE FRAME

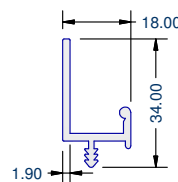
OAD = 22.02 x 22.95 mm  
W = 0.281 kg/m P = 138.8 mm  
 $I_x = 324.139 \text{ mm}^4$   $I_y = 5756.13 \text{ mm}^4$   
POLAR MI = 89975.2 mm<sup>4</sup>



## UA1363 - NZ

### 16MM CUPBOARD PULL

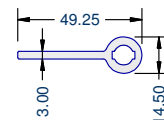
OAD = 18.00 x 34.00 mm  
W = 0.314 kg/m P = 129.4 mm  
 $I_x = 10150.4 \text{ mm}^4$   $I_y = 2873.42 \text{ mm}^4$   
POLAR MI = 130238.2 mm<sup>4</sup>



## UA1369 - NZ

### HINGE

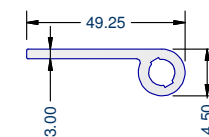
OAD = 49.25 x 14.50 mm  
W = 0.588 kg/m P = 114.3 mm  
 $I_x = 2064.19 \text{ mm}^4$   $I_y = 45221.04 \text{ mm}^4$   
POLAR MI = 472852.3 mm<sup>4</sup>



## UA1370 - NZ

### HINGE

OAD = 49.25 x 14.50 mm  
W = 0.607 kg/m P = 117.9 mm  
 $I_x = 2603.47 \text{ mm}^4$   $I_y = 46531.8 \text{ mm}^4$   
POLAR MI = 491352.7 mm<sup>4</sup>



## UA1390 - NZ

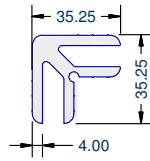
STAKE ANGLE FITS 1391

OAD = 35.25 x 35.25 mm

W = 1.296 kg/m P = 227.8 mm

$I_x = 33708.58 \text{ mm}^4$   $I_y = 55162.02 \text{ mm}^4$

POLAR MI = 888706 mm<sup>4</sup>



## UA1951 - NZ

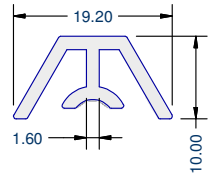
COLONIAL BEAD

OAD = 19.20 x 10.00 mm

W = 0.174 kg/m P = 83.2 mm

$I_x = 545.9 \text{ mm}^4$   $I_y = 1513.97 \text{ mm}^4$

POLAR MI = 20598.7 mm<sup>4</sup>



## UA1391 - NZ

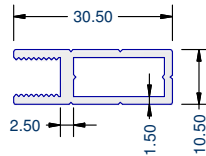
SHOWERSCREEN FRAME

OAD = 30.50 x 10.50 mm

W = 0.338 kg/m P = 106.6 mm

$I_x = 2042.59 \text{ mm}^4$   $I_y = 10400.85 \text{ mm}^4$

POLAR MI = 124434.4 mm<sup>4</sup>



## UA1952 - NZ/AUS<sup>A</sup>

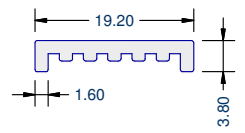
COLONIAL BEAD

OAD = 19.20 x 3.80 mm

W = 0.121 kg/m P = 57.3 mm

$I_x = 34.65 \text{ mm}^4$   $I_y = 1603.11 \text{ mm}^4$

POLAR MI = 16377.6 mm<sup>4</sup>



## UA1392 - NZ

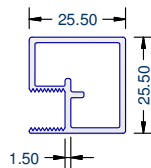
SHOWERSCREEN FRAME

OAD = 25.50 x 25.50 mm

W = 0.428 kg/m P = 135.1 mm

$I_x = 14069.83 \text{ mm}^4$   $I_y = 11314.67 \text{ mm}^4$

POLAR MI = 253845 mm<sup>4</sup>



## UA2000 - NZ

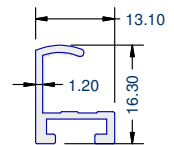
PICTURE FRAME

OAD = 13.10 x 16.30 mm

W = 0.144 kg/m P = 85.7 mm

$I_x = 1722.9 \text{ mm}^4$   $I_y = 811.32 \text{ mm}^4$

POLAR MI = 25333.2 mm<sup>4</sup>



## UA1492 - NZ

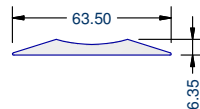
SCALLOP MOULD

OAD = 63.50 x 6.35 mm

W = 0.727 kg/m P = 130.2 mm

$I_x = 615.11 \text{ mm}^4$   $I_y = 67776.33 \text{ mm}^4$

POLAR MI = 683914.4 mm<sup>4</sup>



## UA2039 - NZ

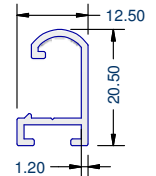
PICTURE FRAME

OAD = 12.50 x 20.50 mm

W = 0.163 kg/m P = 102.4 mm

$I_x = 2912.9 \text{ mm}^4$   $I_y = 1035.29 \text{ mm}^4$

POLAR MI = 39481.9 mm<sup>4</sup>



## UA1643 - NZ

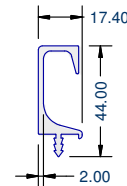
16MM DRAWER PULL

OAD = 17.40 x 44.00 mm

W = 0.546 kg/m P = 164 mm

$I_x = 40536.09 \text{ mm}^4$   $I_y = 5446.13 \text{ mm}^4$

POLAR MI = 459822.2 mm<sup>4</sup>



## UA2086 - NZ

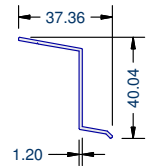
FLASHING

OAD = 37.36 x 40.04 mm

W = 0.224 kg/m P = 140.7 mm

$I_x = 20303.94 \text{ mm}^4$   $I_y = 1884.03 \text{ mm}^4$

POLAR MI = 221879.7 mm<sup>4</sup>



## UA1663 - NZ

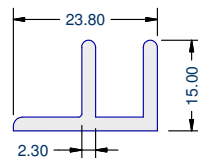
7.9MM F - SECTION

OAD = 23.80 x 15.00 mm

W = 0.301 kg/m P = 100.2 mm

$I_x = 1855.41 \text{ mm}^4$   $I_y = 5325.58 \text{ mm}^4$

POLAR MI = 71809.9 mm<sup>4</sup>



## UA2154 - NZ

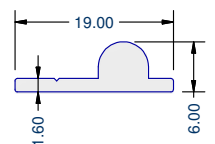
DOOR TRACK

OAD = 19.00 x 6.00 mm

W = 0.142 kg/m P = 47.2 mm

$I_x = 118.84 \text{ mm}^4$   $I_y = 1135.07 \text{ mm}^4$

POLAR MI = 12539.1 mm<sup>4</sup>



## UA1678 - NZ

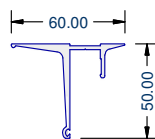
16MM SHELF BRACKET

OAD = 60.00 x 50.00 mm

W = 0.859 kg/m P = 250.5 mm

$I_x = 61483.61 \text{ mm}^4$   $I_y = 45640.35 \text{ mm}^4$

POLAR MI = 1071239.6 mm<sup>4</sup>



## UA2163 - NZ

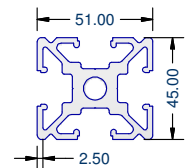
WORKSPACE POST

OAD = 51.00 x 45.00 mm

W = 2.309 kg/m P = 462.2 mm

$I_x = 158267.18 \text{ mm}^4$   $I_y = 196807.7 \text{ mm}^4$

POLAR MI = 3550748.8 mm<sup>4</sup>



## UA1679 - NZ

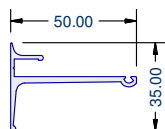
6MM SHELF BRACKET

OAD = 50.00 x 35.00 mm

W = 0.505 kg/m P = 196.4 mm

$I_x = 7110.23 \text{ mm}^4$   $I_y = 46566.62 \text{ mm}^4$

POLAR MI = 536768.5 mm<sup>4</sup>



## UA2181 - NZ

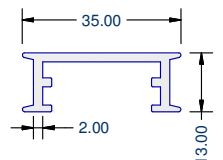
DIN RAIL

OAD = 35.00 x 13.00 mm

W = 0.35 kg/m P = 139.5 mm

$I_x = 2435.88 \text{ mm}^4$   $I_y = 18163.97 \text{ mm}^4$

POLAR MI = 205998.5 mm<sup>4</sup>



## UA1950 - NZ

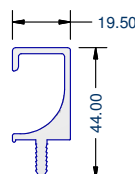
19MM DRAWER PULL

OAD = 19.50 x 44.00 mm

W = 0.633 kg/m P = 165.3 mm

$I_x = 39347.19 \text{ mm}^4$   $I_y = 7446.95 \text{ mm}^4$

POLAR MI = 467941.4 mm<sup>4</sup>



## UA2213 - NZ

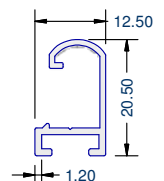
PICTURE FRAME

OAD = 12.50 x 20.50 mm

W = 0.15 kg/m P = 103.5 mm

$I_x = 2679.43 \text{ mm}^4$   $I_y = 981.57 \text{ mm}^4$

POLAR MI = 36610 mm<sup>4</sup>

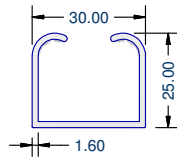


## MISCELLANEOUS

### UA2221 - NZ

#### DOOR TRACK

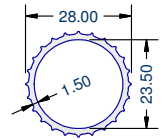
OAD = 30.00 x 25.00 mm  
W = 0.378 kg/m P = 177.2 mm  
 $I_x = 11488.83 \text{ mm}^4$   $I_y = 19451.37 \text{ mm}^4$   
POLAR MI = 309402 mm<sup>4</sup>



### UA2667 - NZ

#### LADDER RUNG

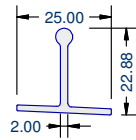
OAD = 28.00 x 28.00 mm  
W = 0.354 kg/m P = 99.6 mm  
 $I_x = 10461.26 \text{ mm}^4$   $I_y = 10461.26 \text{ mm}^4$   
POLAR MI = 209225.2 mm<sup>4</sup>



### UA2229 - NZ

#### DOOR TRACK

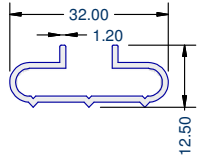
OAD = 25.00 x 22.88 mm  
W = 0.24 kg/m P = 94.7 mm  
 $I_x = 5277.14 \text{ mm}^4$   $I_y = 2102.6 \text{ mm}^4$   
POLAR MI = 73797.4 mm<sup>4</sup>



### UA2852 - NZ

#### SLATWALL INSERT

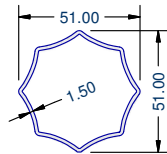
OAD = 32.00 x 12.50 mm  
W = 0.223 kg/m P = 139.6 mm  
 $I_x = 1026.35 \text{ mm}^4$   $I_y = 8295.22 \text{ mm}^4$   
POLAR MI = 93215.7 mm<sup>4</sup>



### UA2251 - NZ

#### 51MM FLUTED COLUMN

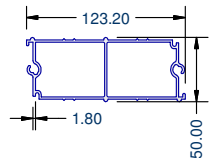
OAD = 51.00 x 51.00 mm  
W = 0.622 kg/m P = 158.2 mm  
 $I_x = 60327.65 \text{ mm}^4$   $I_y = 60327.65 \text{ mm}^4$   
POLAR MI = 1206553 mm<sup>4</sup>



### UA2899 - NZ

#### PLANK - DECK EXTENSION

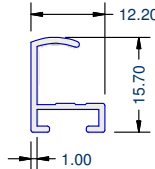
OAD = 123.20 x 50.00 mm  
W = 2.032 kg/m P = 418.3 mm  
 $I_x = 260569.05 \text{ mm}^4$   $I_y = 1218732.32 \text{ mm}^4$   
POLAR MI = 14793013.7 mm<sup>4</sup>



### UA2339 - NZ/AUS^

#### PICTURE FRAME

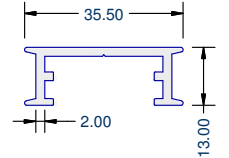
OAD = 12.20 x 15.70 mm  
W = 0.108 kg/m P = 83.6 mm  
 $I_x = 1233.79 \text{ mm}^4$   $I_y = 552.37 \text{ mm}^4$   
POLAR MI = 17861.6 mm<sup>4</sup>



### UA2906 - NZ

#### DIN RAIL

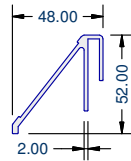
OAD = 35.50 x 13.00 mm  
W = 0.352 kg/m P = 140.7 mm  
 $I_x = 2448.12 \text{ mm}^4$   $I_y = 18881.91 \text{ mm}^4$   
POLAR MI = 213300.3 mm<sup>4</sup>



### UA2462 - NZ

#### 50MM TICKET HOLDER

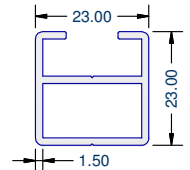
OAD = 48.00 x 52.00 mm  
W = 0.762 kg/m P = 264.5 mm  
 $I_x = 14062.09 \text{ mm}^4$   $I_y = 107145.64 \text{ mm}^4$   
POLAR MI = 1212077.3 mm<sup>4</sup>



### UA3006 - NZ

#### AWNING FRAME

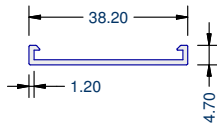
OAD = 23.00 x 23.00 mm  
W = 0.381 kg/m P = 126.4 mm  
 $I_x = 7902.33 \text{ mm}^4$   $I_y = 10598.94 \text{ mm}^4$   
POLAR MI = 185012.7 mm<sup>4</sup>



### UA2482 - NZ

#### 35MM TICKET HOLDER

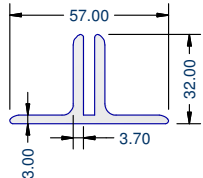
OAD = 38.20 x 4.70 mm  
W = 0.153 kg/m P = 96.6 mm  
 $I_x = 75.07 \text{ mm}^4$   $I_y = 9172.83 \text{ mm}^4$   
POLAR MI = 92479 mm<sup>4</sup>



### UA3016 - NZ

#### 4MM SPLIT TEE

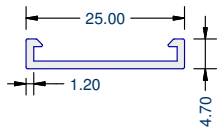
OAD = 57.00 x 32.00 mm  
W = 1.035 kg/m P = 225.6 mm  
 $I_x = 37142.34 \text{ mm}^4$   $I_y = 47065.46 \text{ mm}^4$   
POLAR MI = 842078 mm<sup>4</sup>



### UA2483 - NZ/AUS^

#### 22MM TICKET HOLDER

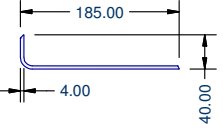
OAD = 25.00 x 4.70 mm  
W = 0.11 kg/m P = 70.2 mm  
 $I_x = 67.76 \text{ mm}^4$   $I_y = 3029.19 \text{ mm}^4$   
POLAR MI = 30969.5 mm<sup>4</sup>



### UA3151 - NZ

#### ANGLE

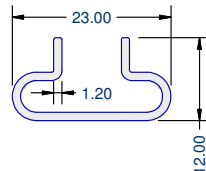
OAD = 185.00 x 40.00 mm  
W = 0.855 kg/m P = 436.2 mm  
 $I_x = 41866.38 \text{ mm}^4$   $I_y = 2919084 \text{ mm}^4$   
POLAR MI = 29609503.8 mm<sup>4</sup>



### UA2516 - NZ

#### CUSTOMWOOD INSERT

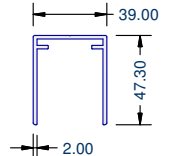
OAD = 23.00 x 12.00 mm  
W = 0.165 kg/m P = 103.6 mm  
 $I_x = 755.64 \text{ mm}^4$   $I_y = 3174.03 \text{ mm}^4$   
POLAR MI = 39296.7 mm<sup>4</sup>



### UA3219 - NZ

#### WINTERLITE CAPPING

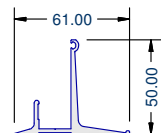
OAD = 39.00 x 47.30 mm  
W = 0.762 kg/m P = 285 mm  
 $I_x = 63707.83 \text{ mm}^4$   $I_y = 76739.34 \text{ mm}^4$   
POLAR MI = 1404471.7 mm<sup>4</sup>



### UA2589 - NZ

#### 17MM SHELF BRACKET MELTECA

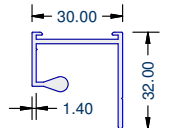
OAD = 61.00 x 50.00 mm  
W = 0.861 kg/m P = 251.8 mm  
 $I_x = 61027.67 \text{ mm}^4$   $I_y = 48140.78 \text{ mm}^4$   
POLAR MI = 1091684.5 mm<sup>4</sup>



### UA3266 - NZ

#### HANGING FILE RAIL

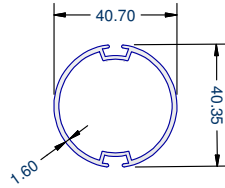
OAD = 30.00 x 32.00 mm  
W = 0.389 kg/m P = 187.2 mm  
 $I_x = 9167.11 \text{ mm}^4$   $I_y = 19739.7 \text{ mm}^4$   
POLAR MI = 289068.1 mm<sup>4</sup>



## MISCELLANEOUS

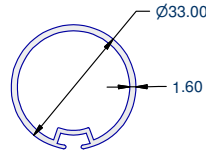
### UA3291 - NZ

INT DOOR ARCHITRAVE  
OAD = 30.00 x 12.00 mm  
W = 0.155 kg/m P = 94.2 mm  
 $I_x = 401.93 \text{ mm}^4$   $I_y = 6716.78 \text{ mm}^4$   
POLAR MI = 71187.1 mm<sup>4</sup>



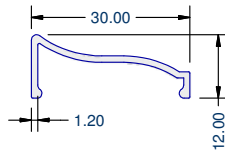
### UA3292 - NZ

INT DOOR FRAME  
OAD = 79.20 x 43.50 mm  
W = 0.764 kg/m P = 340.4 mm  
 $I_x = 16204.67 \text{ mm}^4$   $I_y = 181301.51 \text{ mm}^4$   
POLAR MI = 1975061.8 mm<sup>4</sup>



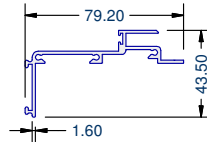
### UA3293 - NZ

INT DOOR FRAME  
OAD = 70.20 x 41.65 mm  
W = 0.577 kg/m P = 262.4 mm  
 $I_x = 12769.18 \text{ mm}^4$   $I_y = 133641.9 \text{ mm}^4$   
POLAR MI = 1464110.8 mm<sup>4</sup>



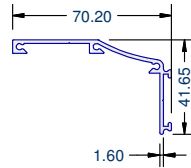
### UA3294 - NZ

INT DOOR FRAME  
OAD = 83.20 x 33.00 mm  
W = 0.724 kg/m P = 330.3 mm  
 $I_x = 15313.63 \text{ mm}^4$   $I_y = 188134.87 \text{ mm}^4$   
POLAR MI = 2034485 mm<sup>4</sup>



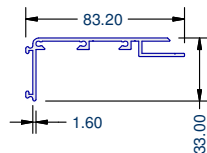
### UA3465 - NZ

TOE BOARD  
OAD = 150.00 x 13.00 mm  
W = 1.823 kg/m P = 350.5 mm  
 $I_x = 10804.24 \text{ mm}^4$   $I_y = 1325454.18 \text{ mm}^4$   
POLAR MI = 13362584.2 mm<sup>4</sup>



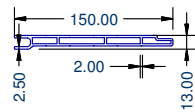
### UA3703 - NZ/AUS^

TRACK  
OAD = 19.10 x 9.30 mm  
W = 0.116 kg/m P = 80.2 mm  
 $I_x = 425.15 \text{ mm}^4$   $I_y = 2189.25 \text{ mm}^4$   
POLAR MI = 26144 mm<sup>4</sup>



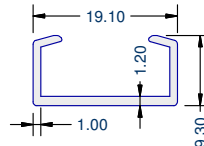
### UA3719 - NZ

INT DOOR FRAME  
OAD = 35.20 x 33.00 mm  
W = 0.394 kg/m P = 171.8 mm  
 $I_x = 7548.85 \text{ mm}^4$   $I_y = 25364.2 \text{ mm}^4$   
POLAR MI = 329130.5 mm<sup>4</sup>



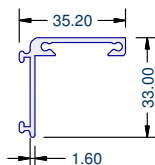
### UA3753 - NZ

16MM F - SECTION  
OAD = 30.00 x 20.00 mm  
W = 0.426 kg/m P = 133.1 mm  
 $I_x = 5102.26 \text{ mm}^4$   $I_y = 13687.1 \text{ mm}^4$   
POLAR MI = 187893.6 mm<sup>4</sup>



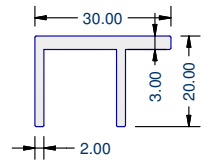
### UA3769 - NZ

SLIDING DOOR TEE  
OAD = 25.40 x 15.90 mm  
W = 0.364 kg/m P = 80 mm  
 $I_x = 2785.75 \text{ mm}^4$   $I_y = 4190.28 \text{ mm}^4$   
POLAR MI = 69760.3 mm<sup>4</sup>



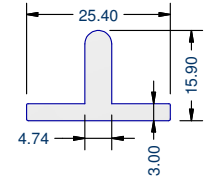
### UA3267 - NZ

BLIND ROLLER  
OAD = 40.70 x 40.35 mm  
W = 0.564 kg/m P = 155.2 mm  
 $I_x = 38837.72 \text{ mm}^4$   $I_y = 37882.12 \text{ mm}^4$   
POLAR MI = 767198.4 mm<sup>4</sup>



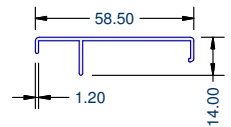
### UA3268 - NZ

BLIND ROLLER  
OAD = 33.00 x 32.80 mm  
W = 0.444 kg/m P = 118.2 mm  
 $I_x = 19646.72 \text{ mm}^4$   $I_y = 19636.15 \text{ mm}^4$   
POLAR MI = 392828.7 mm<sup>4</sup>



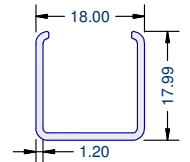
### UA4048 - NZ

FRAME  
OAD = 58.50 x 14.00 mm  
W = 0.27 kg/m P = 168.7 mm  
 $I_x = 981.3 \text{ mm}^4$   $I_y = 34270.24 \text{ mm}^4$   
POLAR MI = 352515.4 mm<sup>4</sup>



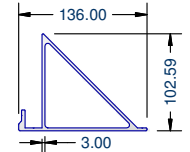
### UA4130 - NZ

GLASS CHANNEL  
OAD = 18.00 x 17.99 mm  
W = 0.165 kg/m P = 104.1 mm  
 $I_x = 2111.17 \text{ mm}^4$   $I_y = 3332.14 \text{ mm}^4$   
POLAR MI = 54433.1 mm<sup>4</sup>



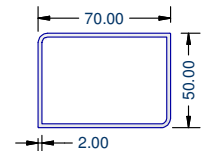
### UA4353 - NZ

18MM SHELF BRACKET  
OAD = 136.00 x 102.59 mm  
W = 3.312 kg/m P = 453.4 mm  
 $I_x = 1034227.06 \text{ mm}^4$   $I_y = 1977800.24 \text{ mm}^4$   
POLAR MI = 30120273 mm<sup>4</sup>



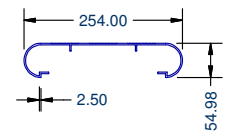
### UA4382 - NZ

CONCRETE SCREED  
OAD = 70.00 x 50.00 mm  
W = 1.234 kg/m P = 235.4 mm  
 $I_x = 189327.1 \text{ mm}^4$   $I_y = 319026.9 \text{ mm}^4$   
POLAR MI = 5083540 mm<sup>4</sup>



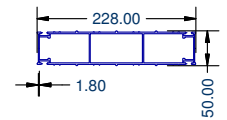
### UA4473 - NZ/AUS

BENCH SEAT TOP  
OAD = 254.00 x 54.98 mm  
W = 2.787 kg/m P = 869.8 mm  
 $I_x = 394193.4 \text{ mm}^4$   $I_y = 8214824.05 \text{ mm}^4$   
POLAR MI = 86090174.5 mm<sup>4</sup>



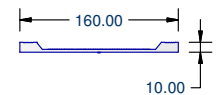
### UA4592 - NZ

PLANK  
OAD = 228.00 x 50.00 mm  
W = 3.447 kg/m P = 657 mm  
 $I_x = 493421.57 \text{ mm}^4$   $I_y = 6814914.49 \text{ mm}^4$   
POLAR MI = 73083360.6 mm<sup>4</sup>



### UA4650 - AUS

STAIR STRINGER  
OAD = 160.00 x 10.00 mm  
W = 2.039 kg/m P = 373.6 mm  
 $I_x = 5392.03 \text{ mm}^4$   $I_y = 2375598.02 \text{ mm}^4$   
POLAR MI = 23809900.5 mm<sup>4</sup>

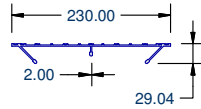


## MISCELLANEOUS

### UA4651 - AUS

#### STAIR TREAD

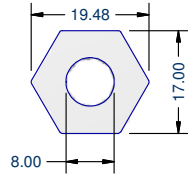
OAD = 230.00 x 29.04 mm  
W = 2.127 kg/m P = 744.7 mm  
 $I_x = 39442.52 \text{ mm}^4$   $I_y = 4203275.1 \text{ mm}^4$   
POLAR MI = 42427176.2 mm<sup>4</sup>



### UA4779 - NZ

#### HEX NUT

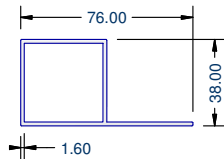
OAD = 19.48 x 17.00 mm  
W = 0.54 kg/m P = 58.6 mm  
 $I_x = 4818.11 \text{ mm}^4$   $I_y = 4818.11 \text{ mm}^4$   
POLAR MI = 96362.2 mm<sup>4</sup>



### UA4980 - NZ

#### P - SECTION

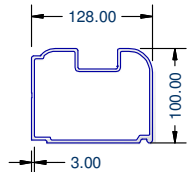
OAD = 76.00 x 38.00 mm  
W = 0.793 kg/m P = 227.4 mm  
 $I_x = 52801.49 \text{ mm}^4$   $I_y = 143053.76 \text{ mm}^4$   
POLAR MI = 1958552.5 mm<sup>4</sup>



### UA5110 - NZ

#### REBATED SECTION

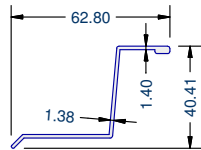
OAD = 128.00 x 100.00 mm  
W = 3.9 kg/m P = 482.6 mm  
 $I_x = 2083258.55 \text{ mm}^4$   $I_y = 3210801.78 \text{ mm}^4$   
POLAR MI = 52940603.3 mm<sup>4</sup>



### UA5311 - NZ

#### FLASHING

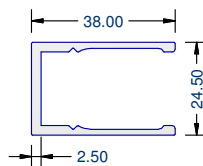
OAD = 62.80 x 40.41 mm  
W = 0.385 kg/m P = 196.5 mm  
 $I_x = 6426.36 \text{ mm}^4$   $I_y = 65912.03 \text{ mm}^4$   
POLAR MI = 723383.9 mm<sup>4</sup>



### UA5324 - NZ/AUS

#### 19MM CHANNEL

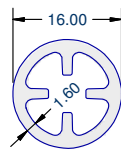
OAD = 38.00 x 24.50 mm  
W = 0.531 kg/m P = 197.3 mm  
 $I_x = 20251.84 \text{ mm}^4$   $I_y = 29912.27 \text{ mm}^4$   
POLAR MI = 501641.1 mm<sup>4</sup>



### UA5570 - NZ

#### RIBBED TUBE

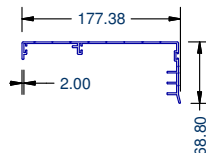
OAD = 16.00 x 16.00 mm  
W = 0.262 kg/m P = 50.3 mm  
 $I_x = 2198.32 \text{ mm}^4$   $I_y = 2198.32 \text{ mm}^4$   
POLAR MI = 43966.4 mm<sup>4</sup>



### UA5573 - NZ\*

#### AJ - GARAGE DOOR LINER

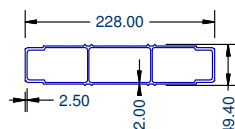
OAD = 177.38 x 68.80 mm  
W = 1.786 kg/m P = 671.8 mm  
 $I_x = 166295.26 \text{ mm}^4$   $I_y = 2648711.77 \text{ mm}^4$   
POLAR MI = 28150070.3 mm<sup>4</sup>



### UA5641 - AUS

#### PLANK

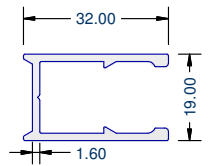
OAD = 228.00 x 49.40 mm  
W = 3.808 kg/m P = 550.2 mm  
 $I_x = 529441.27 \text{ mm}^4$   $I_y = 7633389.22 \text{ mm}^4$   
POLAR MI = 81628304.9 mm<sup>4</sup>



### UA5652 - NZ

#### 13MM CHANNEL

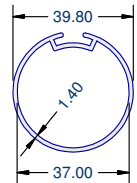
OAD = 32.00 x 19.00 mm  
W = 0.376 kg/m P = 166.5 mm  
 $I_x = 8932.71 \text{ mm}^4$   $I_y = 14289.73 \text{ mm}^4$   
POLAR MI = 232224.4 mm<sup>4</sup>



### UA5973 - NZ

#### ROLLER BLIND BAR

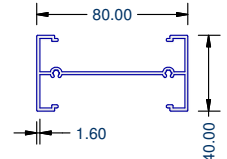
OAD = 39.80 x 39.80 mm  
W = 0.498 kg/m P = 142.8 mm  
 $I_x = 33344.53 \text{ mm}^4$   $I_y = 31697.9 \text{ mm}^4$   
POLAR MI = 650424.3 mm<sup>4</sup>



### UA6011 - NZ

#### GLASS BLOCK FRAME

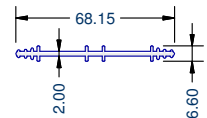
OAD = 80.00 x 40.00 mm  
W = 0.917 kg/m P = 427.2 mm  
 $I_x = 42285.79 \text{ mm}^4$   $I_y = 352148.32 \text{ mm}^4$   
POLAR MI = 3944341.1 mm<sup>4</sup>



### UA6012 - NZ

#### GLASS BLOCK LAYER

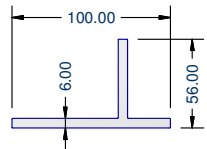
OAD = 68.15 x 6.60 mm  
W = 0.459 kg/m P = 191.1 mm  
 $I_x = 183.38 \text{ mm}^4$   $I_y = 69513.24 \text{ mm}^4$   
POLAR MI = 696966.2 mm<sup>4</sup>



### UA6341 - NZ

#### OFFSET TEE

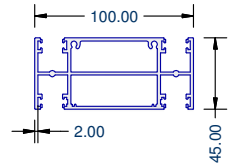
OAD = 100.00 x 56.00 mm  
W = 2.429 kg/m P = 310.3 mm  
 $I_x = 188885.25 \text{ mm}^4$   $I_y = 612351.35 \text{ mm}^4$   
POLAR MI = 8012366 mm<sup>4</sup>



### UA6355 - NZ

#### PARTITION SECTION

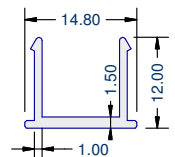
OAD = 100.00 x 45.00 mm  
W = 2.467 kg/m P = 583.2 mm  
 $I_x = 207113.22 \text{ mm}^4$   $I_y = 964512.98 \text{ mm}^4$   
POLAR MI = 11716262 mm<sup>4</sup>



### UA6356 - NZ

#### POCKET CAP

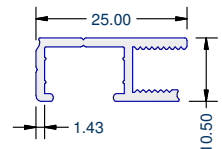
OAD = 14.80 x 12.00 mm  
W = 0.114 kg/m P = 74 mm  
 $I_x = 584.27 \text{ mm}^4$   $I_y = 1027.78 \text{ mm}^4$   
POLAR MI = 16120.5 mm<sup>4</sup>



### UA6861 - NZ

#### MIRROR MOUNT BASE

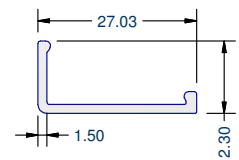
OAD = 25.00 x 10.50 mm  
W = 0.218 kg/m P = 115.4 mm  
 $I_x = 1203.76 \text{ mm}^4$   $I_y = 4767.44 \text{ mm}^4$   
POLAR MI = 59712 mm<sup>4</sup>



### UA6862 - NZ

#### MIRROR MOUNT TOP

OAD = 27.03 x 12.30 mm  
W = 0.166 kg/m P = 82.2 mm  
 $I_x = 470.15 \text{ mm}^4$   $I_y = 5598.6 \text{ mm}^4$   
POLAR MI = 60687.5 mm<sup>4</sup>



## MISCELLANEOUS

### UA7070 - NZ/AUS<sup>^</sup>

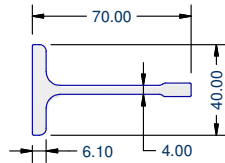
#### BULB TEE

OAD = 70.00 x 40.00 mm

W = 1.447 kg/m P = 213.9 mm

$I_x = 31734.98 \text{ mm}^4$   $I_y = 286758.96 \text{ mm}^4$

POLAR MI = 3184939.4 mm<sup>4</sup>



### UA7071 - NZ/AUS<sup>^</sup>

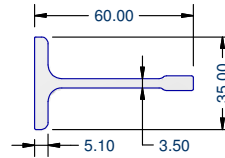
#### BULB TEE

OAD = 60.00 x 35.00 mm

W = 1.086 kg/m P = 184.9 mm

$I_x = 17779.97 \text{ mm}^4$   $I_y = 161765.83 \text{ mm}^4$

POLAR MI = 1795458 mm<sup>4</sup>



### UA8046 - AUS

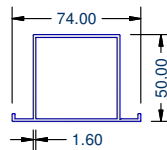
#### PATIO WINDOW POST

OAD = 74.00 x 50.00 mm

W = 0.964 kg/m P = 258.7 mm

$I_x = 144267.53 \text{ mm}^4$   $I_y = 170191.87 \text{ mm}^4$

POLAR MI = 3144594 mm<sup>4</sup>



### UA8047 - AUS

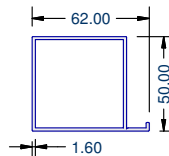
#### PATIO WINDOW POST

OAD = 62.00 x 50.00 mm

W = 0.9 kg/m P = 229.3 mm

$I_x = 121158.64 \text{ mm}^4$   $I_y = 156086.38 \text{ mm}^4$

POLAR MI = 2772450.2 mm<sup>4</sup>



### UA8048 - AUS

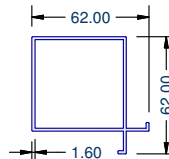
#### PATIO WINDOW POST

OAD = 62.00 x 62.00 mm

W = 0.964 kg/m P = 258 mm

$I_x = 123032.54 \text{ mm}^4$   $I_y = 185282.84 \text{ mm}^4$

POLAR MI = 3083153.8 mm<sup>4</sup>



### UA8222 - AUS

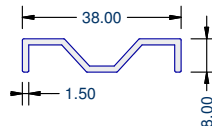
#### SILL TRACK

OAD = 38.00 x 8.00 mm

W = 0.229 kg/m P = 115.5 mm

$I_x = 570.5 \text{ mm}^4$   $I_y = 13681.21 \text{ mm}^4$

POLAR MI = 142517.1 mm<sup>4</sup>



### UA8446 - AUS

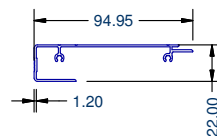
#### LETTERBOX SECTION

OAD = 94.95 x 22.00 mm

W = 0.561 kg/m P = 349.2 mm

$I_x = 9318.44 \text{ mm}^4$   $I_y = 204492.63 \text{ mm}^4$

POLAR MI = 2138110.7 mm<sup>4</sup>



### UA8478 - AUS

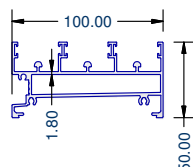
#### DOOR SILL

OAD = 100.00 x 50.00 mm

W = 2.025 kg/m P = 655.2 mm

$I_x = 118897.53 \text{ mm}^4$   $I_y = 860732.07 \text{ mm}^4$

POLAR MI = 9796296 mm<sup>4</sup>



### UA8479 - AUS

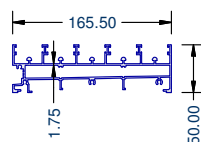
#### DOOR SILL

OAD = 165.50 x 50.00 mm

W = 3.247 kg/m P = 1055.3 mm

$I_x = 189278.63 \text{ mm}^4$   $I_y = 3393401.67 \text{ mm}^4$

POLAR MI = 35826803 mm<sup>4</sup>



### UA1350 - NZ/AUS<sup>^</sup>

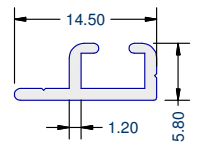
#### TRACK TOP FIX

OAD = 14.50 x 5.80 mm

W = 0.082 kg/m P = 54.1 mm

$I_x = 93.57 \text{ mm}^4$   $I_y = 526.81 \text{ mm}^4$

POLAR MI = 6203.8 mm<sup>4</sup>



### UA1351 - NZ/AUS<sup>^</sup>

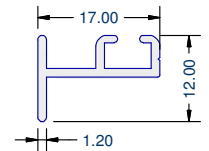
#### TRACK SIDE FIX

OAD = 17.00 x 12.00 mm

W = 0.125 kg/m P = 80.1 mm

$I_x = 250.98 \text{ mm}^4$   $I_y = 1674.93 \text{ mm}^4$

POLAR MI = 19259.1 mm<sup>4</sup>



### UA4915 - NZ

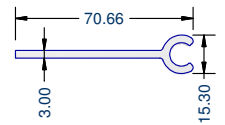
#### 135° HINGE CORNER FEMALE

OAD = 70.66 x 15.30 mm

W = 0.705 kg/m P = 177.9 mm

$I_x = 2202.39 \text{ mm}^4$   $I_y = 120451.76 \text{ mm}^4$

POLAR MI = 1226541.5 mm<sup>4</sup>



### UA4050 - NZ

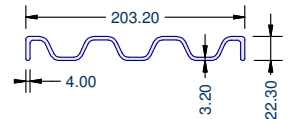
#### FISH BOARD

OAD = 203.20 x 22.30 mm

W = 2.688 kg/m P = 599.2 mm

$I_x = 55845.93 \text{ mm}^4$   $I_y = 4322679.9 \text{ mm}^4$

POLAR MI = 43785258.3 mm<sup>4</sup>



### UA4916 - NZ

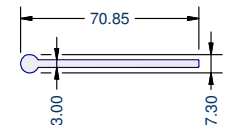
#### 135° HINGE CORNER MALE

OAD = 70.85 x 7.30 mm

W = 0.629 kg/m P = 150.3 mm

$I_x = 282.73 \text{ mm}^4$   $I_y = 107516.22 \text{ mm}^4$

POLAR MI = 1077989.5 mm<sup>4</sup>



### UA6357 - AUS

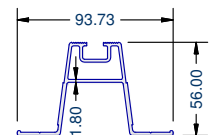
#### RACK FRAME

OAD = 93.73 x 56.00 mm

W = 1.323 kg/m P = 375.6 mm

$I_x = 176033.23 \text{ mm}^4$   $I_y = 222745.96 \text{ mm}^4$

POLAR MI = 3987791.9 mm<sup>4</sup>



### UA8288 - AUS

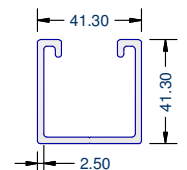
#### STRUT CHANNEL

OAD = 41.30 x 41.30 mm

W = 0.967 kg/m P = 280.2 mm

$I_x = 81819.64 \text{ mm}^4$   $I_y = 99257.75 \text{ mm}^4$

POLAR MI = 1810773.9 mm<sup>4</sup>



### UA8582 - AUS

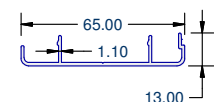
#### SLAT SECTION

OAD = 65.00 x 13.00 mm

W = 0.353 kg/m P = 208.8 mm

$I_x = 1437.73 \text{ mm}^4$   $I_y = 58279.84 \text{ mm}^4$

POLAR MI = 597175.7 mm<sup>4</sup>



### UA8676 - AUS

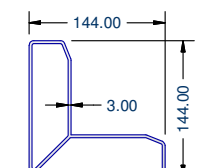
#### CORNER JOINT

OAD = 144.00 x 144.00 mm

W = 4.9 kg/m P = 556.2 mm

$I_x = 2296293.52 \text{ mm}^4$   $I_y = 5335134.19 \text{ mm}^4$

POLAR MI = 76314277.1 mm<sup>4</sup>

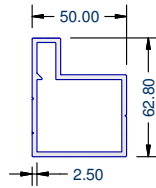


## MISCELLANEOUS

### UA8677 - AUS

#### SIDE FRAME

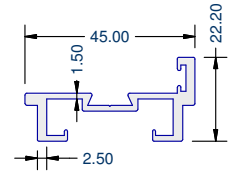
OAD = 50.00 x 62.80 mm  
W = 1.46 kg/m P = 227.4 mm  
 $I_x = 265404.46 \text{ mm}^4$   $I_y = 154505.8 \text{ mm}^4$   
POLAR MI = 4199102.6 mm<sup>4</sup>



### UA10010 - AUS

#### UAC STANDARD

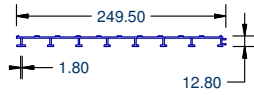
OAD = 45.00 x 22.20 mm  
W = 0.534 kg/m P = 207.1 mm  
 $I_x = 4956.41 \text{ mm}^4$   $I_y = 50240.25 \text{ mm}^4$   
POLAR MI = 551966.6 mm<sup>4</sup>



### UA8678 - AUS

#### SCAFFOLDING PLATFORM

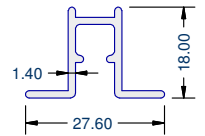
OAD = 249.50 x 12.80 mm  
W = 1.925 kg/m P = 800.2 mm  
 $I_x = 10978.13 \text{ mm}^4$   $I_y = 3939055.37 \text{ mm}^4$   
POLAR MI = 39500335 mm<sup>4</sup>



### UA10011 - AUS

#### UAC STANDARD

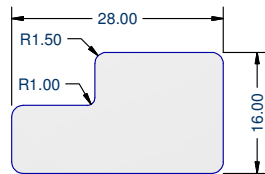
OAD = 27.60 x 18.00 mm  
W = 0.24 kg/m P = 124.6 mm  
 $I_x = 3178.79 \text{ mm}^4$   $I_y = 3402.36 \text{ mm}^4$   
POLAR MI = 65811.5 mm<sup>4</sup>



### UA8848 - AUS

#### MOUNTING BLOCK

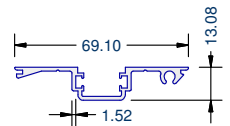
OAD = 28.00 x 16.00 mm  
W = 0.996 kg/m P = 84.4 mm  
 $I_x = 6416.05 \text{ mm}^4$   $I_y = 22232.4 \text{ mm}^4$   
POLAR MI = 286484.5 mm<sup>4</sup>



### UA10012 - AUS

#### UAC STANDARD

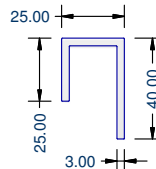
OAD = 69.10 x 13.08 mm  
W = 0.491 kg/m P = 231.8 mm  
 $I_x = 3337.89 \text{ mm}^4$   $I_y = 70364.63 \text{ mm}^4$   
POLAR MI = 737025.2 mm<sup>4</sup>



### UA8954 - AUS

#### CHANNEL 40X25X25X3

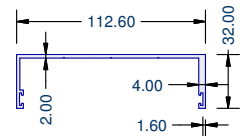
OAD = 25.00 x 40.00 mm  
W = 0.68 kg/m P = 173 mm  
 $I_x = 39209.91 \text{ mm}^4$   $I_y = 18527.09 \text{ mm}^4$   
POLAR MI = 577370 mm<sup>4</sup>



### UA10013 - AUS

#### UAC STANDARD

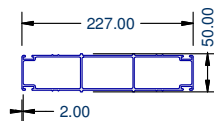
OAD = 112.60 x 32.00 mm  
W = 1.071 kg/m P = 373.9 mm  
 $I_x = 36465.09 \text{ mm}^4$   $I_y = 741345.54 \text{ mm}^4$   
POLAR MI = 7778106.3 mm<sup>4</sup>



### UA8984 - AUS

#### PLANK

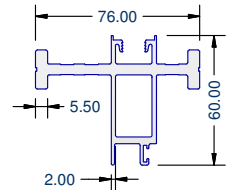
OAD = 227.00 x 50.00 mm  
W = 3.701 kg/m P = 639 mm  
 $I_x = 525058.52 \text{ mm}^4$   $I_y = 7169867.13 \text{ mm}^4$   
POLAR MI = 76949256.5 mm<sup>4</sup>



### UA10041 - AUS

#### UAC STANDARD

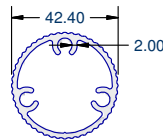
OAD = 76.00 x 60.00 mm  
W = 2.168 kg/m P = 400.8 mm  
 $I_x = 150717.9 \text{ mm}^4$   $I_y = 386955.4 \text{ mm}^4$   
POLAR MI = 5376733 mm<sup>4</sup>



### UA8987 - AUS

#### LADDER RUNG

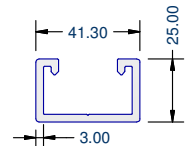
OAD = 42.40 x 42.40 mm  
W = 0.929 kg/m P = 143 mm  
 $I_x = 7872 \text{ mm}^4$   $I_y = 7872 \text{ mm}^4$   
POLAR MI = 157440 mm<sup>4</sup>



### UA10134 - AUS

#### STRUT CHANNEL

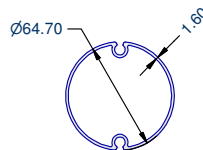
OAD = 41.30 x 25.00 mm  
W = 0.829 kg/m P = 207.5 mm  
 $I_x = 24648.66 \text{ mm}^4$   $I_y = 76298.64 \text{ mm}^4$   
POLAR MI = 1009473 mm<sup>4</sup>



### UA8997 - AUS

#### UAC STANDARD

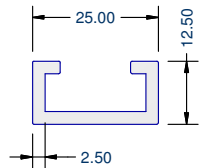
OAD = 64.70 x 64.70 mm  
W = 0.992 kg/m P = 233.3 mm  
 $I_x = 189868.17 \text{ mm}^4$   $I_y = 158598.97 \text{ mm}^4$   
POLAR MI = 3484671.4 mm<sup>4</sup>



### UA2759 - NZ

#### CHANNEL

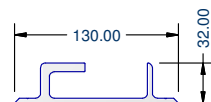
OAD = 25.00 x 12.50 mm  
W = 0.344 kg/m P = 106 mm  
 $I_x = 2226.11 \text{ mm}^4$   $I_y = 10688.57 \text{ mm}^4$   
POLAR MI = 129146.8 mm<sup>4</sup>



### UA10002 - AUS

#### UAC STANDARD

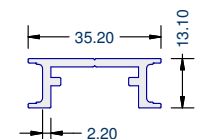
OAD = 130.00 x 32.00 mm  
W = 2.761 kg/m P = 419.7 mm  
 $I_x = 127610.37 \text{ mm}^4$   $I_y = 1294927.13 \text{ mm}^4$   
POLAR MI = 14225375 mm<sup>4</sup>



### UA7713 - NZ

#### DIN RAIL

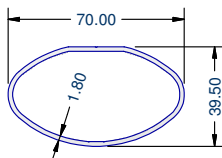
OAD = 35.20 x 13.10 mm  
W = 0.381 kg/m P = 140.4 mm  
 $I_x = 2522.68 \text{ mm}^4$   $I_y = 17983.67 \text{ mm}^4$   
POLAR MI = 205063.5 mm<sup>4</sup>



### UA10003 - AUS

#### UAC STANDARD

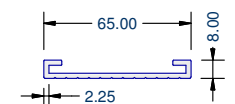
OAD = 70.00 x 39.50 mm  
W = 0.823 kg/m P = 175.4 mm  
 $I_x = 61695.42 \text{ mm}^4$   $I_y = 151378.85 \text{ mm}^4$   
POLAR MI = 2130742.7 mm<sup>4</sup>



### UA7767 - NZ

#### EASY FIT NOG (2.25MM THICK)

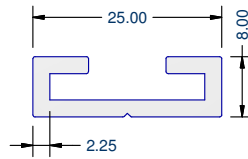
OAD = 65.00 x 8.00 mm  
W = 0.525 kg/m P = 183.8 mm  
 $I_x = 1072.36 \text{ mm}^4$   $I_y = 95171.58 \text{ mm}^4$   
POLAR MI = 962439.4 mm<sup>4</sup>



## MISCELLANEOUS

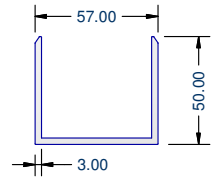
### UA7769 - NZ

EASY FIT NOG  
 OAD = 25.00 x 8.00 mm  
 W = 0.283 kg/m P = 97.4 mm  
 $I_x = 746.4 \text{ mm}^4$   $I_y = 7687.97 \text{ mm}^4$   
 POLAR MI = 84343.7 mm<sup>4</sup>



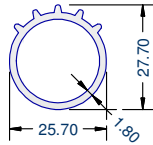
### UA7774 - NZ

57 X 50 X 3 CHANNEL  
 OAD = 57.00 x 50.00 mm  
 W = 1.206 kg/m P = 304.4 mm  
 $I_x = 112253.2 \text{ mm}^4$   $I_y = 247325.75 \text{ mm}^4$   
 POLAR MI = 3595789.5 mm<sup>4</sup>



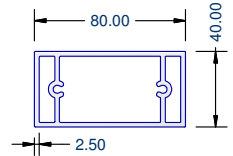
### UA2996 - NZ

LADDER STEP  
 OAD = 25.70 x 27.70 mm  
 W = 0.406 kg/m P = 95.3 mm  
 $I_x = 11498.32 \text{ mm}^4$   $I_y = 10583.89 \text{ mm}^4$   
 POLAR MI = 220822.1 mm<sup>4</sup>



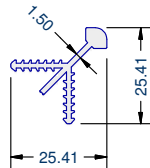
### UA7788 - NZ

80 X 40 X 2.5 RHS WITH SCREW FLUTES  
 OAD = 80.00 x 40.00 mm  
 W = 2.134 kg/m P = 239.3 mm  
 $I_x = 176977.26 \text{ mm}^4$   $I_y = 649554.22 \text{ mm}^4$   
 POLAR MI = 8265314.8 mm<sup>4</sup>



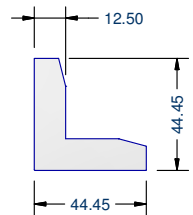
### UA5483 - AUS

90 DEG MITRE JOINER  
 OAD = 25.41 x 25.41 mm  
 W = 0.28 kg/m P = 142.4 mm  
 $I_x = 2323.11 \text{ mm}^4$   $I_y = 5775.62 \text{ mm}^4$   
 POLAR MI = 80987.3 mm<sup>4</sup>



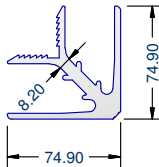
### UA8370 - AUS

STAKING ANGLE  
 OAD = 44.45 x 44.45 mm  
 W = 2.49 kg/m P = 172.3 mm  
 $I_x = 65740.94 \text{ mm}^4$   $I_y = 224228.87 \text{ mm}^4$   
 POLAR MI = 2899698.1 mm<sup>4</sup>



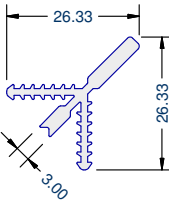
### UA5563 - AUS

STAKE 626  
 OAD = 74.90 x 74.90 mm  
 W = 3.802 kg/m P = 536.3 mm  
 $I_x = 582457.94 \text{ mm}^4$   $I_y = 591442.39 \text{ mm}^4$   
 POLAR MI = 11739003.3 mm<sup>4</sup>



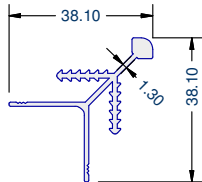
### UA6073 - AUS

90 DEG SQUARE NOSE JOINER  
 OAD = 26.33 x 26.33 mm  
 W = 0.31 kg/m P = 143.9 mm  
 $I_x = 2286.17 \text{ mm}^4$   $I_y = 6108.33 \text{ mm}^4$   
 POLAR MI = 83945 mm<sup>4</sup>



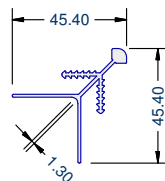
### UA6343 - AUS

JOINER FOR 16MM BOARD  
 OAD = 38.10 x 38.10 mm  
 W = 0.397 kg/m P = 216.8 mm  
 $I_x = 5325.53 \text{ mm}^4$   $I_y = 15641.38 \text{ mm}^4$   
 POLAR MI = 209669.1 mm<sup>4</sup>



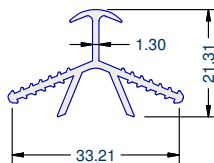
### UA6344 - AUS

JOINER FOR 18MM BOARD  
 OAD = 45.40 x 45.40 mm  
 W = 0.448 kg/m P = 242.9 mm  
 $I_x = 9233.82 \text{ mm}^4$   $I_y = 24664.22 \text{ mm}^4$   
 POLAR MI = 338980.4 mm<sup>4</sup>



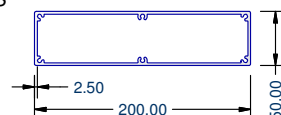
### UA6345 - AUS

135 DEG BUILT NOSE JOINER  
 OAD = 34.81 x 21.31 mm  
 W = 0.28 kg/m P = 167.9 mm  
 $I_x = 3092.93 \text{ mm}^4$   $I_y = 6951.64 \text{ mm}^4$   
 POLAR MI = 100445.7 mm<sup>4</sup>



### UA7773 - NZ

200 X 50 X 2.5 RHS WITH SCREW FLUTES  
 OAD = 200.00 x 50.00 mm  
 W = 3.612 kg/m P = 497.8 mm  
 $I_x = 647349.72 \text{ mm}^4$   $I_y = 6063908.67 \text{ mm}^4$   
 POLAR MI = 67112583.9 mm<sup>4</sup>

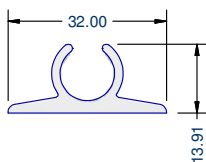


## MOULDINGS

Quality Aluminium Extruders

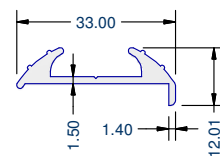
### UA1406 - NZ

DBL SIDED AWNING RAIL  
 OAD = 32.00 x 13.91 mm  
 W = 0.335 kg/m P = 110.4 mm  
 $I_x = 1844.02 \text{ mm}^4$   $I_y = 7070.67 \text{ mm}^4$   
 POLAR MI = 89146.9 mm<sup>4</sup>



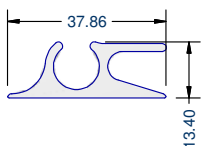
### UA1417 - NZ

RUB RAIL 31.6MM  
 OAD = 33.00 x 12.01 mm  
 W = 0.271 kg/m P = 103.3 mm  
 $I_x = 497.36 \text{ mm}^4$   $I_y = 11400.34 \text{ mm}^4$   
 POLAR MI = 118977 mm<sup>4</sup>



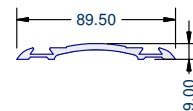
### UA1407 - NZ

AWNING DRIP RAIL  
 OAD = 37.93 x 13.40 mm  
 W = 0.504 kg/m P = 140.3 mm  
 $I_x = 3463.71 \text{ mm}^4$   $I_y = 15867.32 \text{ mm}^4$   
 POLAR MI = 193310.3 mm<sup>4</sup>



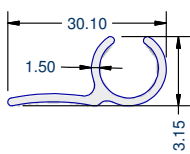
### UA1426 - NZ

HERZIM THRESHOLD 89.5MM  
 OAD = 89.50 x 9.00 mm  
 W = 0.819 kg/m P = 214.4 mm  
 $I_x = 1617.37 \text{ mm}^4$   $I_y = 19424.63 \text{ mm}^4$   
 POLAR MI = 1958610 mm<sup>4</sup>



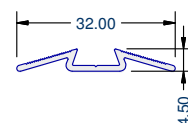
### UA1408 - NZ

LIGHT AWNING RAIL  
 OAD = 30.10 x 13.15 mm  
 W = 0.22 kg/m P = 103.9 mm  
 $I_x = 916.26 \text{ mm}^4$   $I_y = 5629.71 \text{ mm}^4$   
 POLAR MI = 65459.7 mm<sup>4</sup>



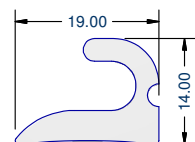
### UA1427 - NZ/AUS^

RUB RAIL 32MM  
 OAD = 32.00 x 4.50 mm  
 W = 0.125 kg/m P = 88.9 mm  
 $I_x = 56.72 \text{ mm}^4$   $I_y = 3356.04 \text{ mm}^4$   
 POLAR MI = 34127.6 mm<sup>4</sup>



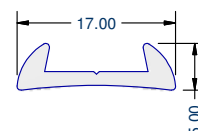
### UA1409 - NZ

DRIP RAIL  
 OAD = 19.00 x 14.00 mm  
 W = 0.303 kg/m P = 72 mm  
 $I_x = 1504.57 \text{ mm}^4$   $I_y = 3195.68 \text{ mm}^4$   
 POLAR MI = 47002.5 mm<sup>4</sup>



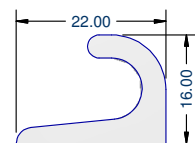
### UA1428 - NZ/AUS^

RUB RAIL 17MM  
 OAD = 17.00 x 5.00 mm  
 W = 0.106 kg/m P = 46.9 mm  
 $I_x = 48.82 \text{ mm}^4$   $I_y = 1163.91 \text{ mm}^4$   
 POLAR MI = 12127.3 mm<sup>4</sup>



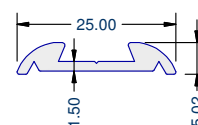
### UA1410 - NZ

DRIP RAIL  
 OAD = 22.00 x 16.00 mm  
 W = 0.357 kg/m P = 81.1 mm  
 $I_x = 2569.35 \text{ mm}^4$   $I_y = 5090.14 \text{ mm}^4$   
 POLAR MI = 76594.9 mm<sup>4</sup>



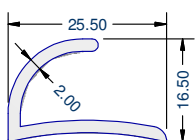
### UA1429 - NZ

RUB RAIL 25MM  
 OAD = 25.00 x 5.02 mm  
 W = 0.168 kg/m P = 66.7 mm  
 $I_x = 93.98 \text{ mm}^4$   $I_y = 3486.58 \text{ mm}^4$   
 POLAR MI = 35805.6 mm<sup>4</sup>



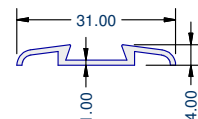
### UA1411 - NZ

LIGHT BUS DRIP RAIL  
 OAD = 25.50 x 16.50 mm  
 W = 0.255 kg/m P = 97.8 mm  
 $I_x = 2433.81 \text{ mm}^4$   $I_y = 4991.85 \text{ mm}^4$   
 POLAR MI = 74256.6 mm<sup>4</sup>



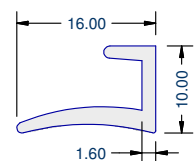
### UA1430 - NZ/AUS^

RUB RAIL 31MM  
 OAD = 31.00 x 4.00 mm  
 W = 0.12 kg/m P = 81.5 mm  
 $I_x = 58.63 \text{ mm}^4$   $I_y = 3363.75 \text{ mm}^4$   
 POLAR MI = 34223.8 mm<sup>4</sup>



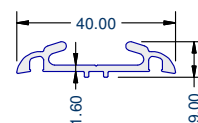
### UA1412 - NZ

DRIP RAIL  
 OAD = 16.00 x 10.00 mm  
 W = 0.131 kg/m P = 58.3 mm  
 $I_x = 315.87 \text{ mm}^4$   $I_y = 1137.2 \text{ mm}^4$   
 POLAR MI = 14530.7 mm<sup>4</sup>



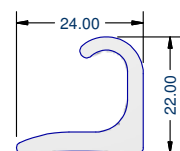
### UA1431 - NZ

RUB RAIL 40MM  
 OAD = 40.00 x 9.00 mm  
 W = 0.292 kg/m P = 130.9 mm  
 $I_x = 532.85 \text{ mm}^4$   $I_y = 15383.09 \text{ mm}^4$   
 POLAR MI = 159159.4 mm<sup>4</sup>



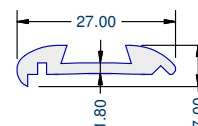
### UA1413 - NZ

HEAVY BUS DRIP RAIL  
 OAD = 24.00 x 22.00 mm  
 W = 0.431 kg/m P = 99.4 mm  
 $I_x = 10263.65 \text{ mm}^4$   $I_y = 4428.72 \text{ mm}^4$   
 POLAR MI = 146923.7 mm<sup>4</sup>



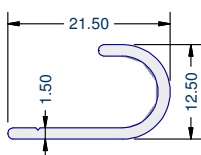
### UA1483 - NZ

RUB RAIL 25.2MM  
 OAD = 27.00 x 7.00 mm  
 W = 0.219 kg/m P = 75.4 mm  
 $I_x = 148.1 \text{ mm}^4$   $I_y = 5453.12 \text{ mm}^4$   
 POLAR MI = 56012.2 mm<sup>4</sup>



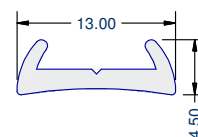
### UA1414 - NZ

DRIP RAIL  
 OAD = 21.50 x 12.50 mm  
 W = 0.146 kg/m P = 73.3 mm  
 $I_x = 647.54 \text{ mm}^4$   $I_y = 2418.76 \text{ mm}^4$   
 POLAR MI = 30663 mm<sup>4</sup>



### UA1605 - NZ/AUS^

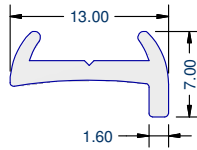
RUB RAIL 13MM  
 OAD = 13.00 x 4.50 mm  
 W = 0.076 kg/m P = 39.1 mm  
 $I_x = 27.22 \text{ mm}^4$   $I_y = 481.7 \text{ mm}^4$   
 POLAR MI = 5089.2 mm<sup>4</sup>



## MOULDINGS

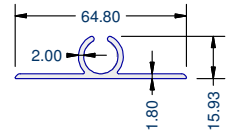
### UA1606 - NZ/AUS<sup>A</sup>

RUB RAIL 11.4MM  
 OAD = 13.00 x 7.00 mm  
 W = 0.088 kg/m P = 44 mm  
 $I_x = 51.47 \text{ mm}^4$   $I_y = 604.91 \text{ mm}^4$   
 POLAR MI = 6563.8 mm<sup>4</sup>



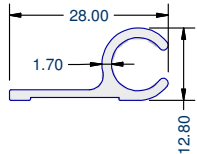
### UA6553 - NZ

FLANGED AWNING RAIL  
 OAD = 64.80 x 15.93 mm  
 W = 0.496 kg/m P = 191.9 mm  
 $I_x = 3876.3 \text{ mm}^4$   $I_y = 41867.32 \text{ mm}^4$   
 POLAR MI = 457436.2 mm<sup>4</sup>



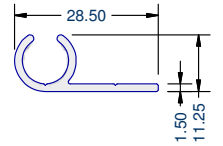
### UA1608 - NZ/AUS

STD AWNING RAIL  
 OAD = 28.00 x 12.80 mm  
 W = 0.221 kg/m P = 95.8 mm  
 $I_x = 1013.55 \text{ mm}^4$   $I_y = 4804.03 \text{ mm}^4$   
 POLAR MI = 58175.8 mm<sup>4</sup>



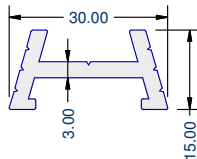
### UA10054 - AUS

SAIL TRACK  
 OAD = 28.50 x 11.25 mm  
 W = 0.194 kg/m P = 96.1 mm  
 $I_x = 585.4 \text{ mm}^4$   $I_y = 4636.85 \text{ mm}^4$   
 POLAR MI = 52222.5 mm<sup>4</sup>



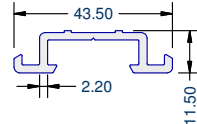
### UA1875 - NZ

BUFFER RAIL 30MM  
 OAD = 30.00 x 15.00 mm  
 W = 0.427 kg/m P = 117.7 mm  
 $I_x = 2062.96 \text{ mm}^4$   $I_y = 14864.63 \text{ mm}^4$   
 POLAR MI = 169275.9 mm<sup>4</sup>



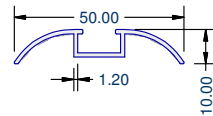
### UA2218 - NZ

BUS RUB RAIL 58MM COVER  
 OAD = 43.50 x 11.50 mm  
 W = 0.402 kg/m P = 143.1 mm  
 $I_x = 2358.35 \text{ mm}^4$   $I_y = 27153.33 \text{ mm}^4$   
 POLAR MI = 295116.8 mm<sup>4</sup>



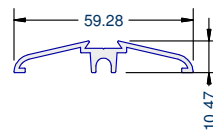
### UA2359 - NZ

BUS RUB RAIL 50MM  
 OAD = 50.00 x 10.00 mm  
 W = 0.234 kg/m P = 146.1 mm  
 $I_x = 710.76 \text{ mm}^4$   $I_y = 16286.87 \text{ mm}^4$   
 POLAR MI = 169976.3 mm<sup>4</sup>



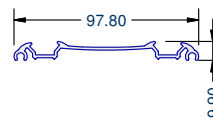
### UA2583 - NZ

RUB RAIL 59.3MM  
 OAD = 59.28 x 10.47 mm  
 W = 0.397 kg/m P = 171.5 mm  
 $I_x = 939.69 \text{ mm}^4$   $I_y = 37146.34 \text{ mm}^4$   
 POLAR MI = 380860.3 mm<sup>4</sup>



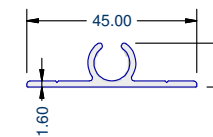
### UA2584 - NZ

RUB RAIL 97.8MM  
 OAD = 97.80 x 9.90 mm  
 W = 0.613 kg/m P = 275.9 mm  
 $I_x = 1210.94 \text{ mm}^4$   $I_y = 234415.28 \text{ mm}^4$   
 POLAR MI = 2356262.2 mm<sup>4</sup>



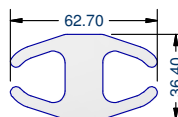
### UA5287 - AUS

FLANGED SAIL TRACK  
 OAD = 45.00 x 11.61 mm  
 W = 0.297 kg/m P = 132.6 mm  
 $I_x = 1112.01 \text{ mm}^4$   $I_y = 12773.75 \text{ mm}^4$   
 POLAR MI = 138857.6 mm<sup>4</sup>



### UA6074 - NZ

DBL SIDED RAIL  
 OAD = 62.70 x 36.40 mm  
 W = 3.032 kg/m P = 280.7 mm  
 $I_x = 137816.36 \text{ mm}^4$   $I_y = 230194.7 \text{ mm}^4$   
 POLAR MI = 3680110.6 mm<sup>4</sup>



## PALLET

### UA2246 - NZ

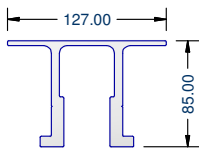
PALLET BEARER - CARGON

OAD = 127.00 x 85.00 mm

W = 5.461 kg/m P = 619.7 mm

$I_x = 1829824.32 \text{ mm}^4$   $I_y = 1656226.24 \text{ mm}^4$

POLAR MI = 34860505.6 mm<sup>4</sup>



### UA2247 - NZ

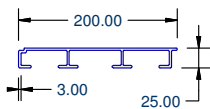
PALLET DECK - CARGON

OAD = 200.00 x 25.00 mm

W = 2.843 kg/m P = 703.1 mm

$I_x = 93081.55 \text{ mm}^4$   $I_y = 4050167.07 \text{ mm}^4$

POLAR MI = 41432486.2 mm<sup>4</sup>



### UA2435 - NZ

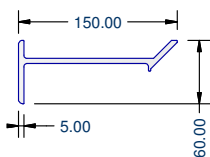
PALLET BEARER

OAD = 150.00 x 60.00 mm

W = 2.918 kg/m P = 435 mm

$I_x = 103835.45 \text{ mm}^4$   $I_y = 2795805.67 \text{ mm}^4$

POLAR MI = 28996411.2 mm<sup>4</sup>



### UA2436 - NZ

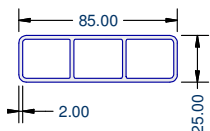
PALLET DECK

OAD = 85.00 x 25.00 mm

W = 1.348 kg/m P = 213.1 mm

$I_x = 49923.29 \text{ mm}^4$   $I_y = 347961.8 \text{ mm}^4$

POLAR MI = 3978850.9 mm<sup>4</sup>



## SECURITY DOOR AND WINDOW

### UA1085 - NZ

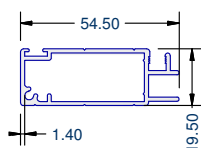
#### DOOR FRAME

OAD = 54.50 x 19.50 mm

W = 0.616 kg/m P = 194.1 mm

$I_x = 12861.22 \text{ mm}^4$   $I_y = 73366.95 \text{ mm}^4$

POLAR MI = 862281.7 mm<sup>4</sup>



### UA1310 - NZ

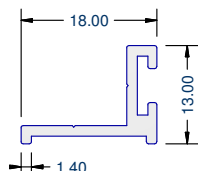
#### WOOLPILE DOOR STOP

OAD = 18.00 x 13.00 mm

W = 0.145 kg/m P = 74.7 mm

$I_x = 532.3 \text{ mm}^4$   $I_y = 1809.48 \text{ mm}^4$

POLAR MI = 23417.8 mm<sup>4</sup>



### UA1374 - NZ

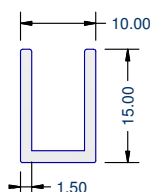
#### SECURAMESH CHANNEL

OAD = 10.00 x 15.00 mm

W = 0.151 kg/m P = 76 mm

$I_x = 1241.33 \text{ mm}^4$   $I_y = 864.61 \text{ mm}^4$

POLAR MI = 21059.4 mm<sup>4</sup>



### UA1375 - NZ

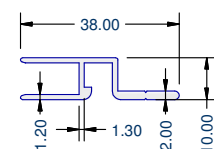
#### SECURAMESH FIX FRAME

OAD = 38.00 x 10.00 mm

W = 0.268 kg/m P = 141.5 mm

$I_x = 1221.32 \text{ mm}^4$   $I_y = 10162.18 \text{ mm}^4$

POLAR MI = 113835 mm<sup>4</sup>



### UA1376 - NZ

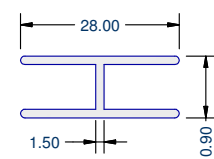
#### SECURAMESH FIX FRAME

OAD = 28.00 x 10.90 mm

W = 0.256 kg/m P = 128.2 mm

$I_x = 1911.26 \text{ mm}^4$   $I_y = 5305.43 \text{ mm}^4$

POLAR MI = 72166.9 mm<sup>4</sup>



### UA1377 - NZ

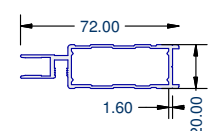
#### DOOR FRAME

OAD = 72.00 x 20.00 mm

W = 0.715 kg/m P = 239.8 mm

$I_x = 14144.98 \text{ mm}^4$   $I_y = 127718.74 \text{ mm}^4$

POLAR MI = 1418637.2 mm<sup>4</sup>



### UA1379 - NZ

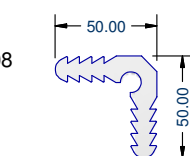
#### STAKE FITS 1387, 1649, 3592, 4598, 7008

OAD = 50.00 x 50.00 mm

W = 2.224 kg/m P = 263.2 mm

$I_x = 74342.18 \text{ mm}^4$   $I_y = 257401 \text{ mm}^4$

POLAR MI = 3317431.8 mm<sup>4</sup>



### UA1387 - NZ

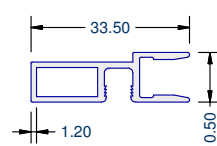
#### MESH WINDOW FRAME

OAD = 33.50 x 10.50 mm

W = 0.282 kg/m P = 125.6 mm

$I_x = 1340.92 \text{ mm}^4$   $I_y = 9966.79 \text{ mm}^4$

POLAR MI = 113077.1 mm<sup>4</sup>



### UA1609 - NZ

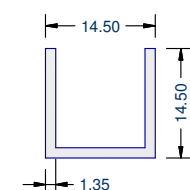
#### ADJUSTER CHANNEL

OAD = 14.50 x 14.50 mm

W = 0.149 kg/m P = 84.3 mm

$I_x = 1177.85 \text{ mm}^4$   $I_y = 1883.27 \text{ mm}^4$

POLAR MI = 30611.2 mm<sup>4</sup>



### UA1647 - NZ

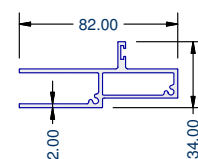
#### JAMB EXTENSION

OAD = 82.00 x 34.00 mm

W = 1.148 kg/m P = 325.8 mm

$I_x = 30596.64 \text{ mm}^4$   $I_y = 225118.95 \text{ mm}^4$

POLAR MI = 2557155.9 mm<sup>4</sup>



### UA1648 - NZ

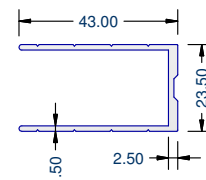
#### DOOR FRAME ADJUSTER

OAD = 43.00 x 23.50 mm

W = 0.466 kg/m P = 215.9 mm

$I_x = 17172.84 \text{ mm}^4$   $I_y = 32923.63 \text{ mm}^4$

POLAR MI = 500964.7 mm<sup>4</sup>



### UA1649 - NZ

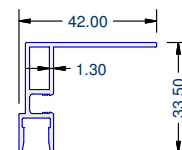
#### SEC JAMB FIX

OAD = 42.00 x 33.50 mm

W = 0.398 kg/m P = 188.6 mm

$I_x = 7473.43 \text{ mm}^4$   $I_y = 26909.78 \text{ mm}^4$

POLAR MI = 343832.1 mm<sup>4</sup>



### UA1738 - NZ

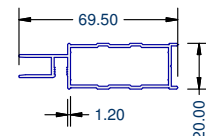
#### DOOR FRAME

OAD = 69.50 x 20.00 mm

W = 0.579 kg/m P = 236.6 mm

$I_x = 11576.04 \text{ mm}^4$   $I_y = 92403.78 \text{ mm}^4$

POLAR MI = 1039798.2 mm<sup>4</sup>



### UA1864 - NZ

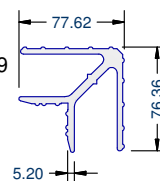
#### STAKE FITS 1377, 1738, 2986, 4112, 7009

OAD = 77.62 x 77.62 mm

W = 3.536 kg/m P = 526.8 mm

$I_x = 605599.81 \text{ mm}^4$   $I_y = 636077.51 \text{ mm}^4$

POLAR MI = 12416773.2 mm<sup>4</sup>



### UA1942 - NZ

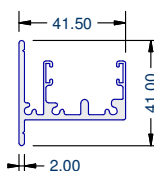
#### SEC SLIDING TRACK

OAD = 41.50 x 41.00 mm

W = 0.77 kg/m P = 297.4 mm

$I_x = 19784.33 \text{ mm}^4$   $I_y = 63821.83 \text{ mm}^4$

POLAR MI = 836061.6 mm<sup>4</sup>



### UA1943 - NZ

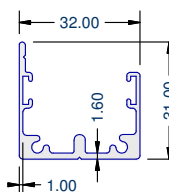
#### SEC SLIDING TRACK

OAD = 32.00 x 31.00 mm

W = 0.468 kg/m P = 211.6 mm

$I_x = 11321.97 \text{ mm}^4$   $I_y = 27010.37 \text{ mm}^4$

POLAR MI = 383323.4 mm<sup>4</sup>



### UA2506 - NZ

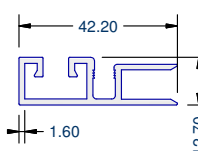
#### WINDOW FRAME

OAD = 42.20 x 12.70 mm

W = 0.454 kg/m P = 216.1 mm

$I_x = 3350.04 \text{ mm}^4$   $I_y = 24881.32 \text{ mm}^4$

POLAR MI = 282313.6 mm<sup>4</sup>



### UA2985 - NZ

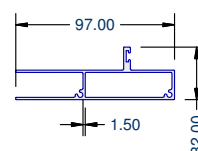
#### JAMB EXTENSION

OAD = 97.00 x 32.00 mm

W = 1.011 kg/m P = 352.5 mm

$I_x = 29774.89 \text{ mm}^4$   $I_y = 287267.4 \text{ mm}^4$

POLAR MI = 3170422.9 mm<sup>4</sup>



## SECURITY DOOR AND WINDOW

### UA2986 - NZ

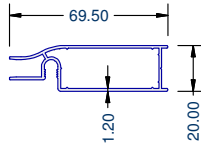
#### DOOR FRAME

OAD = 69.50 x 20.00 mm

W = 0.589 kg/m P = 230.1 mm

$I_x = 12712.86 \text{ mm}^4$   $I_y = 95324.81 \text{ mm}^4$

POLAR MI = 1080376.7 mm<sup>4</sup>



### UA5632 - NZ

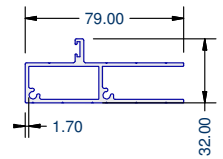
#### JAMB EXTENSION

OAD = 79.00 x 32.00 mm

W = 1.05 kg/m P = 317.9 mm

$I_x = 34006.77 \text{ mm}^4$   $I_y = 192662.68 \text{ mm}^4$

POLAR MI = 2266694.5 mm<sup>4</sup>



### UA3592 - NZ

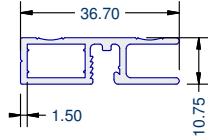
#### MESH WINDOW FRAME

OAD = 36.70 x 10.75 mm

W = 0.372 kg/m P = 145.2 mm

$I_x = 2308.27 \text{ mm}^4$   $I_y = 15458.19 \text{ mm}^4$

POLAR MI = 177664.6 mm<sup>4</sup>



### UA5655 - NZ

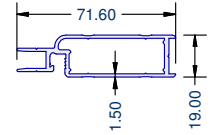
#### DOOR FRAME

OAD = 71.60 x 19.00 mm

W = 0.763 kg/m P = 229.9 mm

$I_x = 13890.05 \text{ mm}^4$   $I_y = 131376.09 \text{ mm}^4$

POLAR MI = 1452661.4 mm<sup>4</sup>



### UA3614 - NZ

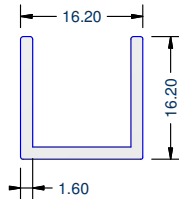
#### ADJUSTER CHANNEL

OAD = 16.20 x 16.20 mm

W = 0.196 kg/m P = 93.2 mm

$I_x = 1919.93 \text{ mm}^4$   $I_y = 3059.89 \text{ mm}^4$

POLAR MI = 49798.2 mm<sup>4</sup>



### UA5971 - NZ/AUS^

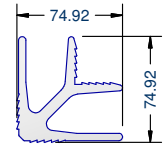
#### STAKE - ORANGE, FITS 5655

OAD = 74.92 x 74.92 mm

W = 4.524 kg/m P = 496.2 mm

$I_x = 681850.37 \text{ mm}^4$   $I_y = 728434.35 \text{ mm}^4$

POLAR MI = 14102847.2 mm<sup>4</sup>



### UA3929 - NZ

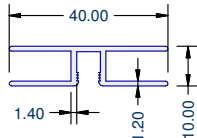
#### JOINTER

OAD = 40.00 x 10.00 mm

W = 0.301 kg/m P = 181.5 mm

$I_x = 1836.57 \text{ mm}^4$   $I_y = 12842.71 \text{ mm}^4$

POLAR MI = 146792.8 mm<sup>4</sup>



### UA6463 - AUS

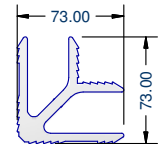
#### STAKE FITS 6546

OAD = 73.00 x 73.00 mm

W = 4.173 kg/m P = 500.2 mm

$I_x = 615546.77 \text{ mm}^4$   $I_y = 680903.88 \text{ mm}^4$

POLAR MI = 12964506.5 mm<sup>4</sup>



### UA4110 - NZ

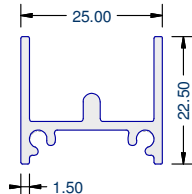
#### DOOR TRACK

OAD = 25.00 x 22.50 mm

W = 0.349 kg/m P = 154.2 mm

$I_x = 3761.66 \text{ mm}^4$   $I_y = 11778.51 \text{ mm}^4$

POLAR MI = 155401.7 mm<sup>4</sup>



### UA6487 - AUS

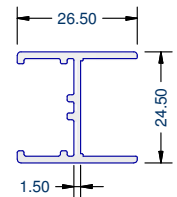
#### ADAPTOR

OAD = 26.50 x 24.50 mm

W = 0.332 kg/m P = 161.2 mm

$I_x = 12475.69 \text{ mm}^4$   $I_y = 5094.01 \text{ mm}^4$

POLAR MI = 175697 mm<sup>4</sup>



### UA4111 - NZ

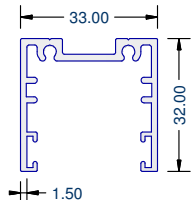
#### TRACK FRAME

OAD = 33.00 x 32.00 mm

W = 0.537 kg/m P = 264.2 mm

$I_x = 20101.09 \text{ mm}^4$   $I_y = 35159.59 \text{ mm}^4$

POLAR MI = 552606.8 mm<sup>4</sup>



### UA6518 - AUS

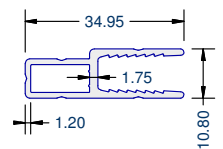
#### 9MM WINDOW FRAME

OAD = 34.95 x 10.80 mm

W = 0.309 kg/m P = 132.1 mm

$I_x = 1865.11 \text{ mm}^4$   $I_y = 11061.97 \text{ mm}^4$

POLAR MI = 129270.8 mm<sup>4</sup>



### UA4112 - NZ

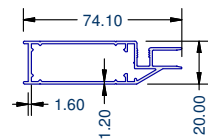
#### DOOR FRAME

OAD = 74.10 x 20.00 mm

W = 0.681 kg/m P = 233 mm

$I_x = 14574.2 \text{ mm}^4$   $I_y = 129095.44 \text{ mm}^4$

POLAR MI = 1436696.4 mm<sup>4</sup>



### UA6546 - NZ/AUS

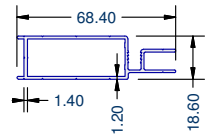
#### DOOR FRAME

OAD = 68.40 x 18.60 mm

W = 0.563 kg/m P = 227.6 mm

$I_x = 10491.16 \text{ mm}^4$   $I_y = 89063.46 \text{ mm}^4$

POLAR MI = 995546.2 mm<sup>4</sup>



### UA4598 - NZ

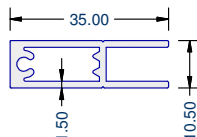
#### SECURITY FRAME

OAD = 35.00 x 10.50 mm

W = 0.393 kg/m P = 118.2 mm

$I_x = 2337.74 \text{ mm}^4$   $I_y = 16119.74 \text{ mm}^4$

POLAR MI = 184574.8 mm<sup>4</sup>



### UA6547 - NZ/AUS

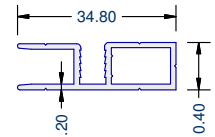
#### WINDOW FRAME

OAD = 34.80 x 10.40 mm

W = 0.287 kg/m P = 136 mm

$I_x = 1710.43 \text{ mm}^4$   $I_y = 10843.14 \text{ mm}^4$

POLAR MI = 125535.7 mm<sup>4</sup>



### UA4599 - NZ

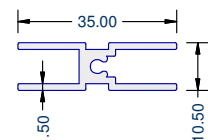
#### SECURITY JOINTER

OAD = 35.00 x 10.50 mm

W = 0.357 kg/m P = 160.2 mm

$I_x = 2096.15 \text{ mm}^4$   $I_y = 10863.11 \text{ mm}^4$

POLAR MI = 129592.6 mm<sup>4</sup>



### UA6836 - NZ

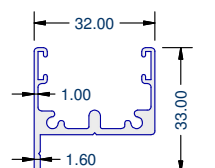
#### DOOR TRACK

OAD = 32.00 x 33.00 mm

W = 0.477 kg/m P = 216 mm

$I_x = 8962.35 \text{ mm}^4$   $I_y = 27155.91 \text{ mm}^4$

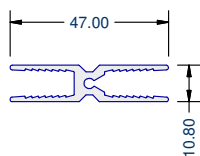
POLAR MI = 361182.6 mm<sup>4</sup>



## SECURITY DOOR AND WINDOW

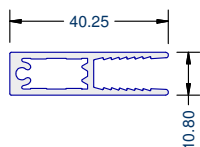
### UA7007 - NZ

SECURITY JOINTER  
OAD = 47.00 x 10.80 mm  
W = 0.473 kg/m P = 212.7 mm  
 $I_x = 3030.31 \text{ mm}^4$   $I_y = 24702.28 \text{ mm}^4$   
POLAR MI = 277325.9 mm<sup>4</sup>



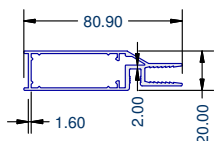
### UA7008 - NZ

SECURITY FRAME  
OAD = 40.25 x 10.80 mm  
W = 0.443 kg/m P = 143.7 mm  
 $I_x = 2864.58 \text{ mm}^4$   $I_y = 23030.87 \text{ mm}^4$   
POLAR MI = 258954.5 mm<sup>4</sup>



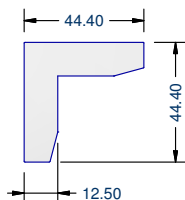
### UA7009 - NZ

DOOR FRAME  
OAD = 80.90 x 20.00 mm  
W = 0.844 kg/m P = 261.7 mm  
 $I_x = 16139.02 \text{ mm}^4$   $I_y = 182827.74 \text{ mm}^4$   
POLAR MI = 1989667.6 mm<sup>4</sup>



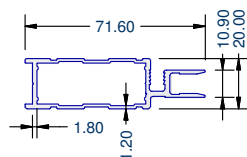
### UA4314 - NZ

STAKE 6MM - WHITE, FITS 6518  
OAD = 44.40 x 44.40 mm  
W = 2.484 kg/m P = 171.9 mm  
 $I_x = 65365.94 \text{ mm}^4$   $I_y = 223056.79 \text{ mm}^4$   
POLAR MI = 2884227.3 mm<sup>4</sup>



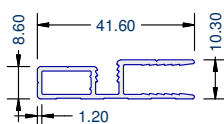
### UA8957 - AUS^

71MM SECURITY FRAME  
OAD = 71.60 x 20.00 mm  
W = 0.74 kg/m P = 239.7 mm  
 $I_x = 14311.14 \text{ mm}^4$   $I_y = 133195.31 \text{ mm}^4$   
POLAR MI = 1475064.5 mm<sup>4</sup>



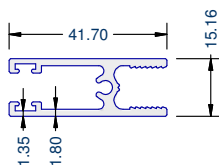
### UA8967 - AUS

SECURITY SECTION  
OAD = 41.60 x 10.30 mm  
W = 0.316 kg/m P = 160.2 mm  
 $I_x = 1692.07 \text{ mm}^4$   $I_y = 16947.98 \text{ mm}^4$   
POLAR MI = 186400.5 mm<sup>4</sup>



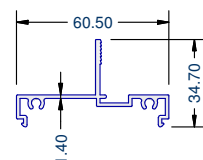
### UA8968 - AUS

WINDOWS SECTION  
OAD = 41.70 x 15.16 mm  
W = 0.563 kg/m P = 228.2 mm  
 $I_x = 7668.51 \text{ mm}^4$   $I_y = 28395.2 \text{ mm}^4$   
POLAR MI = 360637.1 mm<sup>4</sup>



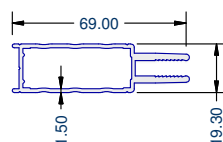
### UA8969 - AUS

WINDOWS SECTION  
OAD = 60.50 x 34.70 mm  
W = 0.56 kg/m P = 272.1 mm  
 $I_x = 10952.33 \text{ mm}^4$   $I_y = 73086.68 \text{ mm}^4$   
POLAR MI = 840390.1 mm<sup>4</sup>



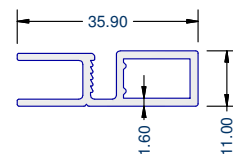
### UA8982 - AUS

SECURITY SECTION  
OAD = 70.30 x 19.30 mm  
W = 0.841 kg/m P = 231.9 mm  
 $I_x = 14926.37 \text{ mm}^4$   $I_y = 144065.29 \text{ mm}^4$   
POLAR MI = 1589916.6 mm<sup>4</sup>



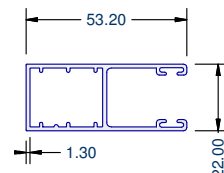
### UA8983 - AUS

SECURITY SCREEN FRAME  
OAD = 35.90 x 11.00 mm  
W = 0.374 kg/m P = 139.4 mm  
 $I_x = 2360.72 \text{ mm}^4$   $I_y = 15016.64 \text{ mm}^4$   
POLAR MI = 173773.6 mm<sup>4</sup>



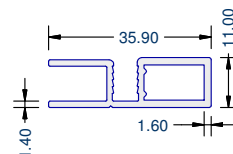
### UA10000 - AUS

SECURITY FRAME  
OAD = 53.20 x 22.00 mm  
W = 0.579 kg/m P = 232.4 mm  
 $I_x = 18255.65 \text{ mm}^4$   $I_y = 57952.98 \text{ mm}^4$   
POLAR MI = 762086.3 mm<sup>4</sup>



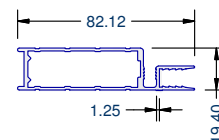
### UA10031 - AUS

SECURITY SCREEN FRAME  
OAD = 35.90 x 11.00 mm  
W = 0.359 kg/m P = 138.8 mm  
 $I_x = 2304.39 \text{ mm}^4$   $I_y = 14888.84 \text{ mm}^4$   
POLAR MI = 171932.3 mm<sup>4</sup>



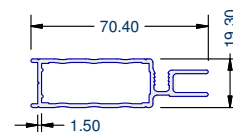
### UA10039 - AUS

SECURITY DOOR - FU1147  
OAD = 82.12 x 19.40 mm  
W = 0.772 kg/m P = 267.4 mm  
 $I_x = 15894.49 \text{ mm}^4$   $I_y = 179194.64 \text{ mm}^4$   
POLAR MI = 1950891.3 mm<sup>4</sup>



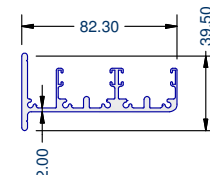
### UA10065 - AUS

SECURITY SECTION - AS642  
OAD = 70.40 x 19.30 mm  
W = 0.716 kg/m P = 228.8 mm  
 $I_x = 13702.7 \text{ mm}^4$   $I_y = 117082.01 \text{ mm}^4$   
POLAR MI = 1307847.1 mm<sup>4</sup>



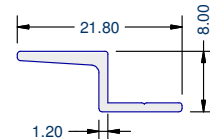
### UA7710 - NZ

DOUBLE SLIDING TRACK  
OAD = 82.30 x 41.00 mm  
W = 1.373 kg/m P = 465 mm  
 $I_x = 33790.03 \text{ mm}^4$   $I_y = 376206.8 \text{ mm}^4$   
POLAR MI = 4099968.3 mm<sup>4</sup>



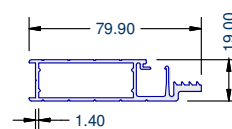
### UA7715 - NZ/AUS^

DOUBLE DOOR CLIP  
OAD = 21.80 x 8.00 mm  
W = 0.103 kg/m P = 57.7 mm  
 $I_x = 97.06 \text{ mm}^4$   $I_y = 1355.52 \text{ mm}^4$   
POLAR MI = 14525.8 mm<sup>4</sup>



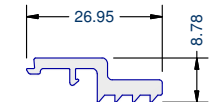
### UA10061 - NZ/AUS

SECURITY DOOR FRAME  
OAD = 79.90 x 19.00 mm  
W = 0.829 kg/m P = 269.2 mm  
 $I_x = 15158.67 \text{ mm}^4$   $I_y = 175783.11 \text{ mm}^4$   
POLAR MI = 1909417.8 mm<sup>4</sup>



### UA10062 - NZ/AUS

SECURITY DOOR REAME BEAD  
OAD = 26.95 x 8.78 mm  
W = 0.231 kg/m P = 83 mm  
 $I_x = 222.55 \text{ mm}^4$   $I_y = 4542.08 \text{ mm}^4$   
POLAR MI = 47646.3 mm<sup>4</sup>



## SECURITY DOOR AND WINDOW

Quality Aluminium Extruders

### UA10063 - NZ/AUS

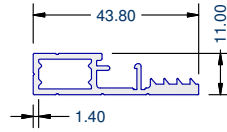
WINDOW SECURITY FRAME

OAD = 43.80 x 11.00 mm

W = 0.424 kg/m P = 143.2 mm

$I_x = 1718.1 \text{ mm}^4$   $I_y = 27803.09 \text{ mm}^4$

POLAR  $MI = 295211.9 \text{ mm}^4$



### UA10064 - NZ/AUS

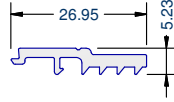
WINDOW SECURITY FRAME BEAD

OAD = 26.95 x 5.23 mm

W = 0.189 kg/m P = 77 mm

$I_x = 83.35 \text{ mm}^4$   $I_y = 3831.48 \text{ mm}^4$

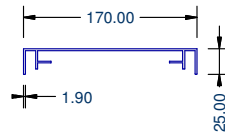
POLAR  $MI = 39148.3 \text{ mm}^4$



## SIGN FRAME

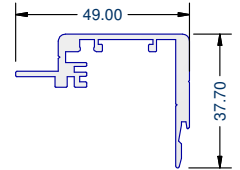
### UA1332 - NZ

10MM SIGN FRAME  
 OAD = 170.00 x 25.00 mm  
 W = 1.474 kg/m P = 558.2 mm  
 $I_x = 23219.34 \text{ mm}^4$   $I_y = 2003433.66 \text{ mm}^4$   
 POLAR MI = 2026630 mm<sup>4</sup>



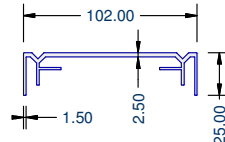
### UA4974 - NZ

16MM SIGN FRAME  
 OAD = 49.00 x 37.70 mm  
 W = 0.709 kg/m P = 247.9 mm  
 $I_x = 16944.18 \text{ mm}^4$   $I_y = 66766.95 \text{ mm}^4$   
 POLAR MI = 837111.3 mm<sup>4</sup>



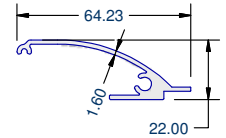
### UA1366 - NZ

6MM SIGN FRAME  
 OAD = 102.00 x 25.00 mm  
 W = 1.118 kg/m P = 411.4 mm  
 $I_x = 14946.8 \text{ mm}^4$   $I_y = 535918.06 \text{ mm}^4$   
 POLAR MI = 5508648.6 mm<sup>4</sup>



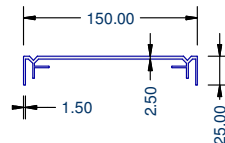
### UA5087 - NZ

16MM SIGN FRAME  
 OAD = 64.23 x 22.00 mm  
 W = 0.534 kg/m P = 197 mm  
 $I_x = 3770.64 \text{ mm}^4$   $I_y = 65999.6 \text{ mm}^4$   
 POLAR MI = 697702.4 mm<sup>4</sup>



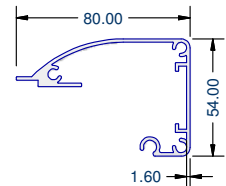
### UA1367 - NZ

6MM SIGN FRAME  
 OAD = 150.00 x 25.00 mm  
 W = 1.443 kg/m P = 507.3 mm  
 $I_x = 16600.57 \text{ mm}^4$   $I_y = 1448232.02 \text{ mm}^4$   
 POLAR MI = 14648325.9 mm<sup>4</sup>



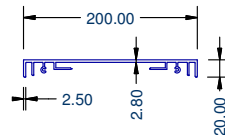
### UA5088 - NZ

16MM SIGN FRAME  
 OAD = 80.00 x 54.00 mm  
 W = 1.065 kg/m P = 433.4 mm  
 $I_x = 102433.07 \text{ mm}^4$   $I_y = 314287.12 \text{ mm}^4$   
 POLAR MI = 4167201.9 mm<sup>4</sup>



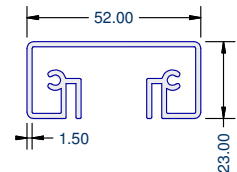
### UA1809 - NZ

7MM SIGN FRAME  
 OAD = 200.00 x 20.00 mm  
 W = 2.383 kg/m P = 701 mm  
 $I_x = 20368.04 \text{ mm}^4$   $I_y = 3957106.2 \text{ mm}^4$   
 POLAR MI = 39774742.4 mm<sup>4</sup>



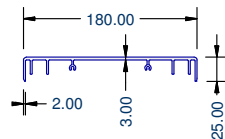
### UA5948 - NZ

3MM SIGN FRAME  
 OAD = 52.00 x 23.00 mm  
 W = 0.743 kg/m P = 365.4 mm  
 $I_x = 17259.76 \text{ mm}^4$   $I_y = 89752.2 \text{ mm}^4$   
 POLAR MI = 1070119.6 mm<sup>4</sup>



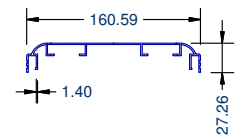
### UA1997 - NZ

5MM SIGN FRAME  
 OAD = 180.00 x 25.00 mm  
 W = 2.171 kg/m P = 626 mm  
 $I_x = 23542.33 \text{ mm}^4$   $I_y = 2857159.25 \text{ mm}^4$   
 POLAR MI = 28807015.8 mm<sup>4</sup>



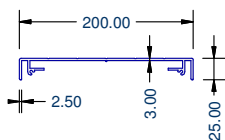
### UA5966 - NZ

6MM SIGN FRAME  
 OAD = 160.59 x 27.26 mm  
 W = 1.116 kg/m P = 600.9 mm  
 $I_x = 20941.16 \text{ mm}^4$   $I_y = 1238858.35 \text{ mm}^4$   
 POLAR MI = 12597995.1 mm<sup>4</sup>



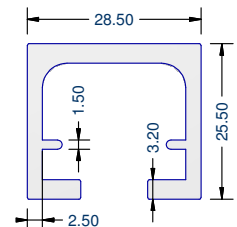
### UA2982 - NZ

7MM SIGN FRAME  
 OAD = 200.00 x 25.00 mm  
 W = 2.388 kg/m P = 632 mm  
 $I_x = 32363.25 \text{ mm}^4$   $I_y = 4329527.18 \text{ mm}^4$   
 POLAR MI = 43618904.3 mm<sup>4</sup>



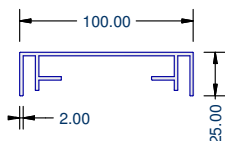
### UA6490 - AUS

BACKING CHANNEL  
 OAD = 28.50 x 25.50 mm  
 W = 0.698 kg/m P = 184.6 mm  
 $I_x = 21282.39 \text{ mm}^4$   $I_y = 29936.34 \text{ mm}^4$   
 POLAR MI = 512187.3 mm<sup>4</sup>



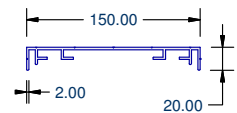
### UA3989 - NZ

7MM SIGN FRAME  
 OAD = 100.00 x 25.00 mm  
 W = 1.144 kg/m P = 426.2 mm  
 $I_x = 23067.21 \text{ mm}^4$   $I_y = 570815.29 \text{ mm}^4$   
 POLAR MI = 5938825 mm<sup>4</sup>



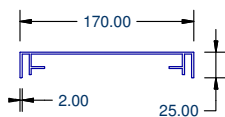
### UA8449 - AUS

5MM SIGN FRAME  
 OAD = 150.00 x 20.00 mm  
 W = 1.412 kg/m P = 527.2 mm  
 $I_x = 12034.06 \text{ mm}^4$   $I_y = 1418835.82 \text{ mm}^4$   
 POLAR MI = 14308698.8 mm<sup>4</sup>



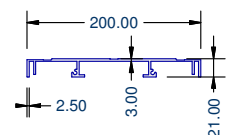
### UA3990 - NZ

7MM SIGN FRAME  
 OAD = 170.00 x 25.00 mm  
 W = 1.522 kg/m P = 566.2 mm  
 $I_x = 27557.48 \text{ mm}^4$   $I_y = 2154153.42 \text{ mm}^4$   
 POLAR MI = 21817109 mm<sup>4</sup>



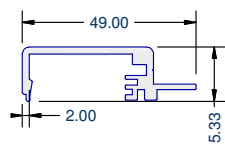
### UA8450 - AUS

5MM SIGN FRAME  
 OAD = 200.00 x 21.00 mm  
 W = 2.36 kg/m P = 671.6 mm  
 $I_x = 39169.08 \text{ mm}^4$   $I_y = 3342166.24 \text{ mm}^4$   
 POLAR MI = 33813353.2 mm<sup>4</sup>



### UA4973 - NZ

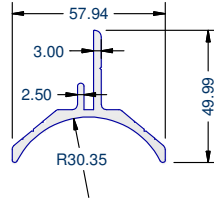
16MM SIGN FRAME  
 OAD = 49.00 x 15.33 mm  
 W = 0.499 kg/m P = 180.5 mm  
 $I_x = 3928.32 \text{ mm}^4$   $I_y = 38431.58 \text{ mm}^4$   
 POLAR MI = 423599 mm<sup>4</sup>



## STREET SIGN

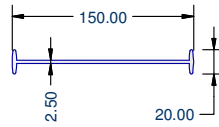
### UA2032 - NZ

POST - BLADE HOLDER  
 OAD = 57.94 x 49.99 mm  
 W = 0.964 kg/m P = 228 mm  
 $I_x = 45514.97 \text{ mm}^4$   $I_y = 79862.3 \text{ mm}^4$   
 POLAR MI = 1253772.7 mm<sup>4</sup>



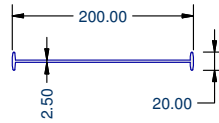
### UA2033 - NZ

STREET SIGN BLADE  
 OAD = 150.00 x 20.00 mm  
 W = 1.293 kg/m P = 366 mm  
 $I_x = 3561.29 \text{ mm}^4$   $I_y = 1259424.88 \text{ mm}^4$   
 POLAR MI = 12629861.7 mm<sup>4</sup>



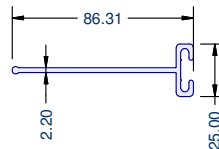
### UA2080 - NZ

STREET SIGN BLADE  
 OAD = 200.00 x 20.00 mm  
 W = 1.632 kg/m P = 466 mm  
 $I_x = 3646.35 \text{ mm}^4$   $I_y = 2673223.28 \text{ mm}^4$   
 POLAR MI = 26768696.3 mm<sup>4</sup>



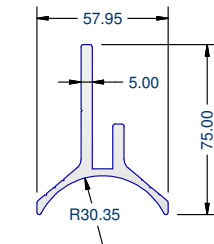
### UA2115 - NZ

SIGN BLADE EXTRA FITS 2033, 2080  
 OAD = 86.31 x 25.00 mm  
 W = 0.753 kg/m P = 248.8 mm  
 $I_x = 7607.89 \text{ mm}^4$   $I_y = 211984.02 \text{ mm}^4$   
 POLAR MI = 2195919.1 mm<sup>4</sup>



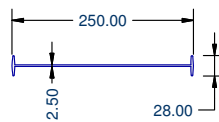
### UA2386 - NZ

9MM POST ATTACHMENT  
 OAD = 57.95 x 75.00 mm  
 W = 1.687 kg/m P = 297 mm  
 $I_x = 241622.31 \text{ mm}^4$   $I_y = 88247.22 \text{ mm}^4$   
 POLAR MI = 3298695.3 mm<sup>4</sup>



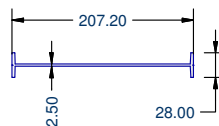
### UA3796 - NZ/AUS^

STREET SIGN BLADE  
 OAD = 250.00 x 28.00 mm  
 W = 2.093 kg/m P = 597.2 mm  
 $I_x = 9293.15 \text{ mm}^4$   $I_y = 5532039.71 \text{ mm}^4$   
 POLAR MI = 55413328.6 mm<sup>4</sup>



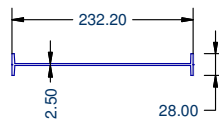
### UA5430 - NZ

STREET SIGN BLADE  
 OAD = 207.20 x 28.00 mm  
 W = 1.852 kg/m P = 518.5 mm  
 $I_x = 11810.54 \text{ mm}^4$   $I_y = 3598960.28 \text{ mm}^4$   
 POLAR MI = 36107708.2 mm<sup>4</sup>



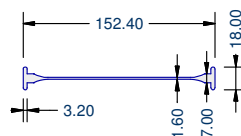
### UA5819 - NZ

STREET SIGN BLADE  
 OAD = 232.20 x 28.00 mm  
 W = 2.021 kg/m P = 568.5 mm  
 $I_x = 11843.1 \text{ mm}^4$   $I_y = 4808283.29 \text{ mm}^4$   
 POLAR MI = 48201263.9 mm<sup>4</sup>



### UA10014 - AUS

STREET SIGN  
 OAD = 152.40 x 18.00 mm  
 W = 1.183 kg/m P = 359 mm  
 $I_x = 3231.18 \text{ mm}^4$   $I_y = 1469438.03 \text{ mm}^4$   
 POLAR MI = 14726692.1 mm<sup>4</sup>

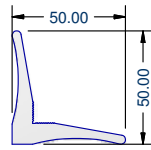


## SIGN PANEL

Quality Aluminium Extruders

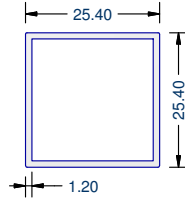
### UA1513 - NZ

STAKE - GREEN, FITS 6694, 6695  
 OAD = 50.00 x 50.00 mm  
 W = 1.416 kg/m P = 195.5 mm  
 $I_x = 43410.96 \text{ mm}^4$   $I_y = 135025.65 \text{ mm}^4$   
 POLAR MI = 1784366.1 mm<sup>4</sup>



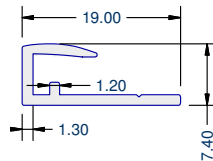
### UA1642 - NZ/AUS

SQUARE HOLLOW  
 OAD = 25.40 x 25.40 mm  
 W = 0.313 kg/m P = 101.1 mm  
 $I_x = 11353.54 \text{ mm}^4$   $I_y = 11353.54 \text{ mm}^4$   
 POLAR MI = 227070.8 mm<sup>4</sup>



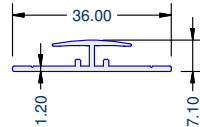
### UA3871 - NZ/AUS^

4.5MM SIGN PANEL CAP  
 OAD = 19.00 x 7.40 mm  
 W = 0.115 kg/m P = 69.7 mm  
 $I_x = 207.35 \text{ mm}^4$   $I_y = 1354.36 \text{ mm}^4$   
 POLAR MI = 15617.1 mm<sup>4</sup>



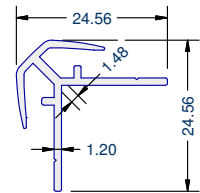
### UA3872 - NZ

4.5MM SIGN PANEL JOINTER  
 OAD = 36.00 x 7.10 mm  
 W = 0.187 kg/m P = 123.6 mm  
 $I_x = 432.82 \text{ mm}^4$   $I_y = 5019.49 \text{ mm}^4$   
 POLAR MI = 54523.1 mm<sup>4</sup>



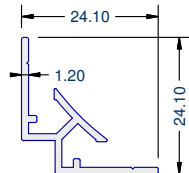
### UA3873 - NZ

4.5MM SIGN PANEL EXT CORNER  
 OAD = 24.56 x 24.56 mm  
 W = 0.216 kg/m P = 137.5 mm  
 $I_x = 2362.08 \text{ mm}^4$   $I_y = 3009.61 \text{ mm}^4$   
 POLAR MI = 53716.9 mm<sup>4</sup>



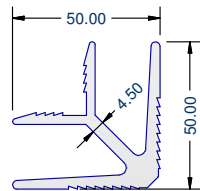
### UA3874 - NZ

4.5MM SIGN PANEL INT CORNER  
 OAD = 24.10 x 24.10 mm  
 W = 0.215 kg/m P = 134 mm  
 $I_x = 962.48 \text{ mm}^4$   $I_y = 5446.42 \text{ mm}^4$   
 POLAR MI = 64089 mm<sup>4</sup>



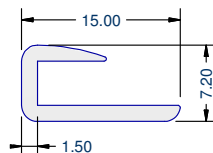
### UA5633 - NZ

STAKE - YELLOW, FITS 6599  
 OAD = 50.00 x 50.00 mm  
 W = 1.725 kg/m P = 351.8 mm  
 $I_x = 105891.72 \text{ mm}^4$   $I_y = 142829.47 \text{ mm}^4$   
 POLAR MI = 2487211.9 mm<sup>4</sup>



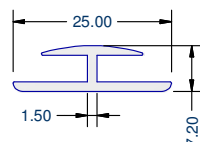
### UA6596 - NZ

4MM SIGN PANEL CAP  
 OAD = 15.00 x 7.20 mm  
 W = 0.1 kg/m P = 54.2 mm  
 $I_x = 157.5 \text{ mm}^4$   $I_y = 734.7 \text{ mm}^4$   
 POLAR MI = 8922 mm<sup>4</sup>



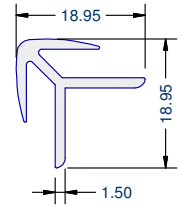
### UA6597 - NZ

4MM SIGN PANEL JOINTER  
 OAD = 25.00 x 7.20 mm  
 W = 0.164 kg/m P = 89.6 mm  
 $I_x = 394.91 \text{ mm}^4$   $I_y = 2091.13 \text{ mm}^4$   
 POLAR MI = 24860.4 mm<sup>4</sup>



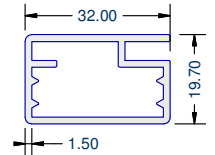
### UA6598 - NZ

4MM SIGN PANEL INT/EXT CORNER  
 OAD = 18.95 x 18.95 mm  
 W = 0.198 kg/m P = 102.4 mm  
 $I_x = 1376.01 \text{ mm}^4$   $I_y = 1705.3 \text{ mm}^4$   
 POLAR MI = 30813.1 mm<sup>4</sup>



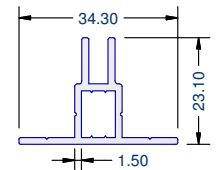
### UA6599 - NZ

4MM SIGN PANEL FRAME  
 OAD = 32.00 x 19.70 mm  
 W = 0.471 kg/m P = 121 mm  
 $I_x = 9336.31 \text{ mm}^4$   $I_y = 22091.85 \text{ mm}^4$   
 POLAR MI = 314281.6 mm<sup>4</sup>



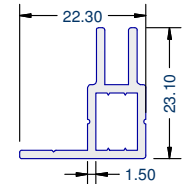
### UA6694 - NZ

4MM SIGN PANEL TEE CHANNEL  
 OAD = 34.30 x 23.10 mm  
 W = 0.342 kg/m P = 133.7 mm  
 $I_x = 6586.29 \text{ mm}^4$   $I_y = 5943.76 \text{ mm}^4$   
 POLAR MI = 125300.5 mm<sup>4</sup>



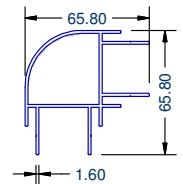
### UA6695 - NZ

4MM SIGN PANEL ANGLE CHANNEL  
 OAD = 22.30 x 23.10 mm  
 W = 0.293 kg/m P = 109.6 mm  
 $I_x = 6381.7 \text{ mm}^4$   $I_y = 2366.96 \text{ mm}^4$   
 POLAR MI = 87486.6 mm<sup>4</sup>



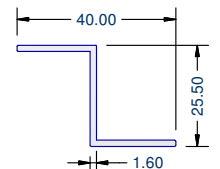
### UA6696 - NZ

4MM SIGN PANEL BOX FRAME  
 OAD = 65.80 x 65.80 mm  
 W = 1.226 kg/m P = 428.4 mm  
 $I_x = 115921.51 \text{ mm}^4$   $I_y = 200900.78 \text{ mm}^4$   
 POLAR MI = 3168222.9 mm<sup>4</sup>



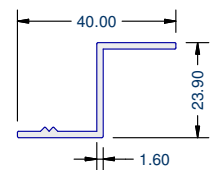
### UA8109 - AUS

SIGN PANEL ZED  
 OAD = 40.00 x 25.50 mm  
 W = 0.276 kg/m P = 130.2 mm  
 $I_x = 17460.85 \text{ mm}^4$   $I_y = 2036.52 \text{ mm}^4$   
 POLAR MI = 194973.7 mm<sup>4</sup>



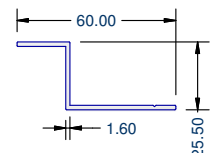
### UA8110 - AUS

SIGN PANEL ZED  
 OAD = 40.00 x 23.90 mm  
 W = 0.275 kg/m P = 128.6 mm  
 $I_x = 16653.61 \text{ mm}^4$   $I_y = 1880.78 \text{ mm}^4$   
 POLAR MI = 185343.9 mm<sup>4</sup>



### UA8111 - AUS

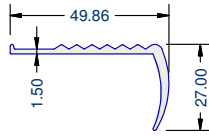
SIGN PANEL ZED  
 OAD = 60.00 x 25.50 mm  
 W = 0.361 kg/m P = 170.6 mm  
 $I_x = 4643.92 \text{ mm}^4$   $I_y = 41389.78 \text{ mm}^4$   
 POLAR MI = 460337 mm<sup>4</sup>



## STAIR NOSING AND FLOORING

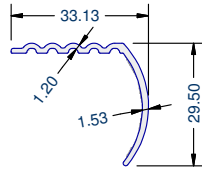
### UA1432 - NZ

NOSING HEAVY SERRATED  
 OAD = 49.86 x 27.00 mm  
 W = 0.419 kg/m P = 153.6 mm  
 $I_x = 4477.71 \text{ mm}^4$   $I_y = 38448.03 \text{ mm}^4$   
 POLAR MI = 429257.4 mm<sup>4</sup>



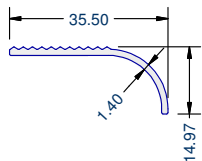
### UA1433 - NZ

NOSING ROUND SERRATED  
 OAD = 33.13 x 29.50 mm  
 W = 0.228 kg/m P = 126 mm  
 $I_x = 2827.2 \text{ mm}^4$   $I_y = 12281.61 \text{ mm}^4$   
 POLAR MI = 151088.1 mm<sup>4</sup>



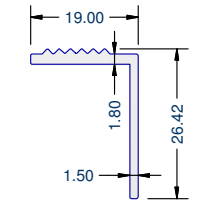
### UA1434 - NZ

NOSING LIGHT SERRATED  
 OAD = 35.50 x 14.97 mm  
 W = 0.175 kg/m P = 91.6 mm  
 $I_x = 412.7 \text{ mm}^4$   $I_y = 8480.9 \text{ mm}^4$   
 POLAR MI = 88936 mm<sup>4</sup>



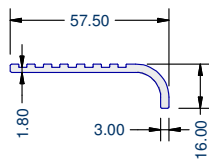
### UA1435 - NZ

ANGLE SERRATED  
 OAD = 26.42 x 19.00 mm  
 W = 0.204 kg/m P = 92.4 mm  
 $I_x = 1270.15 \text{ mm}^4$   $I_y = 6159.3 \text{ mm}^4$   
 POLAR MI = 74294.5 mm<sup>4</sup>



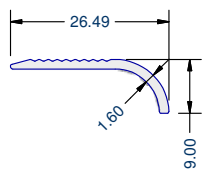
### UA1436 - NZ

NOSING CASTELLATED  
 OAD = 57.50 x 16.00 mm  
 W = 0.466 kg/m P = 151.5 mm  
 $I_x = 1548.77 \text{ mm}^4$   $I_y = 57338.36 \text{ mm}^4$   
 POLAR MI = 588871.3 mm<sup>4</sup>



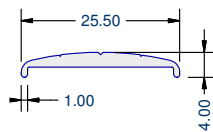
### UA1437 - NZ/AUS

CARPET EDGE SERRATED  
 OAD = 26.49 x 9.00 mm  
 W = 0.122 kg/m P = 63.6 mm  
 $I_x = 115.82 \text{ mm}^4$   $I_y = 2900.72 \text{ mm}^4$   
 POLAR MI = 30165.4 mm<sup>4</sup>



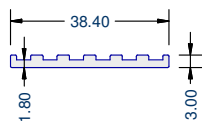
### UA1439 - NZ/AUS^A

FLOORING BAR  
 OAD = 25.50 x 4.00 mm  
 W = 0.131 kg/m P = 57.7 mm  
 $I_x = 26.67 \text{ mm}^4$   $I_y = 2214.88 \text{ mm}^4$   
 POLAR MI = 22415.5 mm<sup>4</sup>



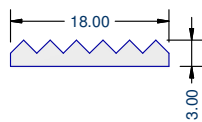
### UA1440 - NZ

CASTELLATED FLAT  
 OAD = 38.40 x 3.00 mm  
 W = 0.244 kg/m P = 95.1 mm  
 $I_x = 57.47 \text{ mm}^4$   $I_y = 11150.95 \text{ mm}^4$   
 POLAR MI = 112084.2 mm<sup>4</sup>



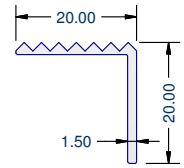
### UA1441 - NZ/AUS^A

SERRATED FLAT  
 OAD = 18.00 x 3.00 mm  
 W = 0.109 kg/m P = 46.5 mm  
 $I_x = 20.81 \text{ mm}^4$   $I_y = 1088.44 \text{ mm}^4$   
 POLAR MI = 11092.5 mm<sup>4</sup>



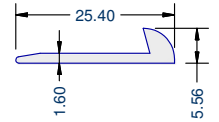
### UA1442 - NZ

ANGLE SERRATED  
 OAD = 20.00 x 20.00 mm  
 W = 0.143 kg/m P = 84.7 mm  
 $I_x = 800.14 \text{ mm}^4$   $I_y = 3172.21 \text{ mm}^4$   
 POLAR MI = 39723.5 mm<sup>4</sup>



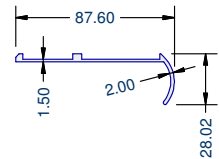
### UA1491 - NZ

VINYL FLOOR COPE  
 OAD = 25.40 x 5.56 mm  
 W = 0.14 kg/m P = 60 mm  
 $I_x = 64.45 \text{ mm}^4$   $I_y = 2898.64 \text{ mm}^4$   
 POLAR MI = 29630.9 mm<sup>4</sup>



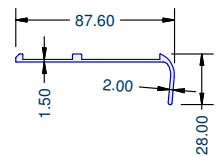
### UA1495 - NZ

NOSING DOUBLE ROUND  
 OAD = 87.60 x 28.02 mm  
 W = 0.558 kg/m P = 234.2 mm  
 $I_x = 5845.58 \text{ mm}^4$   $I_y = 179025.18 \text{ mm}^4$   
 POLAR MI = 1848707.6 mm<sup>4</sup>



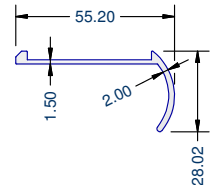
### UA1496 - NZ

NOSING DOUBLE SQUARE  
 OAD = 87.60 x 28.00 mm  
 W = 0.564 kg/m P = 234 mm  
 $I_x = 5692.01 \text{ mm}^4$   $I_y = 182844.89 \text{ mm}^4$   
 POLAR MI = 1885369 mm<sup>4</sup>



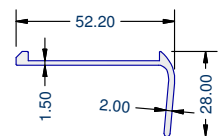
### UA1497 - NZ

NOSING SINGLE ROUND  
 OAD = 55.20 x 28.02 mm  
 W = 0.387 kg/m P = 163.7 mm  
 $I_x = 4780.15 \text{ mm}^4$   $I_y = 54323.22 \text{ mm}^4$   
 POLAR MI = 591033.7 mm<sup>4</sup>



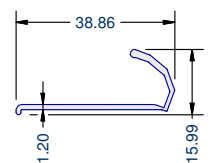
### UA1498 - NZ

NOSING SINGLE SQUARE  
 OAD = 52.20 x 28.00 mm  
 W = 0.377 kg/m P = 159.4 mm  
 $I_x = 4627.55 \text{ mm}^4$   $I_y = 48775.18 \text{ mm}^4$   
 POLAR MI = 534027.3 mm<sup>4</sup>



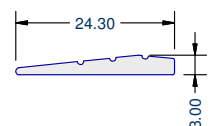
### UA1574 - NZ

CARPET COPE  
 OAD = 38.86 x 15.99 mm  
 W = 0.193 kg/m P = 116.7 mm  
 $I_x = 1187.34 \text{ mm}^4$   $I_y = 10530.16 \text{ mm}^4$   
 POLAR MI = 117175 mm<sup>4</sup>



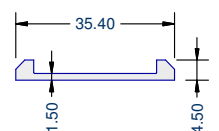
### UA1575 - NZ

FLOORING EDGE  
 OAD = 24.30 x 3.00 mm  
 W = 0.14 kg/m P = 53.3 mm  
 $I_x = 24.48 \text{ mm}^4$   $I_y = 2222.09 \text{ mm}^4$   
 POLAR MI = 22465.7 mm<sup>4</sup>



### UA1576 - NZ

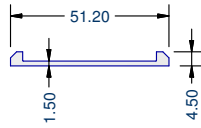
FLOORING BAR  
 OAD = 35.40 x 4.50 mm  
 W = 0.197 kg/m P = 83.3 mm  
 $I_x = 86.79 \text{ mm}^4$   $I_y = 10334.77 \text{ mm}^4$   
 POLAR MI = 104215.6 mm<sup>4</sup>



## STAIR NOSING AND FLOORING

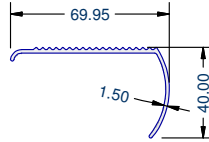
### UA1577 - NZ

FLOORING BAR  
 OAD = 51.20 x 4.50 mm  
 W = 0.261 kg/m P = 114.9 mm  
 $I_x = 97.05 \text{ mm}^4$   $I_y = 27696.66 \text{ mm}^4$   
 POLAR MI = 277937.1 mm<sup>4</sup>



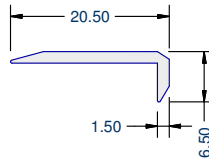
### UA2197 - NZ

NOSING SERRATED  
 OAD = 70.00 x 40.00 mm  
 W = 0.504 kg/m P = 229.2 mm  
 $I_x = 14520.7 \text{ mm}^4$   $I_y = 100705.84 \text{ mm}^4$   
 POLAR MI = 1152265.4 mm<sup>4</sup>



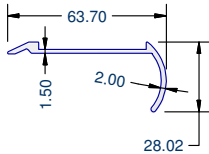
### UA2323 - NZ/AUS^

FORMICA TRIM  
 OAD = 20.50 x 6.50 mm  
 W = 0.091 kg/m P = 51.2 mm  
 $I_x = 43.88 \text{ mm}^4$   $I_y = 1222.69 \text{ mm}^4$   
 POLAR MI = 12665.7 mm<sup>4</sup>



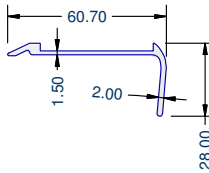
### UA4227 - NZ

NOSING SINGLE ROUND  
 OAD = 63.70 x 28.02 mm  
 W = 0.437 kg/m P = 180 mm  
 $I_x = 5025.46 \text{ mm}^4$   $I_y = 78253.89 \text{ mm}^4$   
 POLAR MI = 832793.5 mm<sup>4</sup>



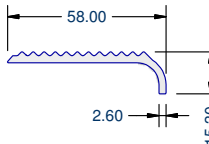
### UA4228 - NZ

NOSING SINGLE SQUARE  
 OAD = 60.70 x 28.00 mm  
 W = 0.428 kg/m P = 175.9 mm  
 $I_x = 4851.63 \text{ mm}^4$   $I_y = 71475.74 \text{ mm}^4$   
 POLAR MI = 763273.7 mm<sup>4</sup>



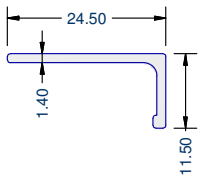
### UA4403 - NZ

NOSING SERRATED  
 OAD = 58.00 x 15.30 mm  
 W = 0.54 kg/m P = 147 mm  
 $I_x = 1297.72 \text{ mm}^4$   $I_y = 60007.32 \text{ mm}^4$   
 POLAR MI = 613050.4 mm<sup>4</sup>



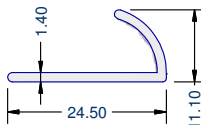
### UA5672 - NZ

TILE EDGE  
 OAD = 24.50 x 11.50 mm  
 W = 0.135 kg/m P = 71 mm  
 $I_x = 337.96 \text{ mm}^4$   $I_y = 3299.89 \text{ mm}^4$   
 POLAR MI = 36378.5 mm<sup>4</sup>



### UA5673 - NZ

TILE BULLNOSE  
 OAD = 24.50 x 11.10 mm  
 W = 0.139 kg/m P = 75.7 mm  
 $I_x = 442.39 \text{ mm}^4$   $I_y = 2827.36 \text{ mm}^4$   
 POLAR MI = 32697.5 mm<sup>4</sup>



## STORM SHUTTER

### UA1055 - NZ

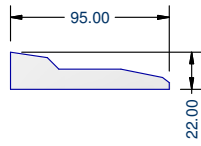
#### WEDGE PIN

OAD = 95.00 x 22.00 mm

W = 3.41 kg/m P = 220.6 mm

$I_x = 26197.28 \text{ mm}^4$   $I_y = 914536.05 \text{ mm}^4$

POLAR MI = 9407333.3 mm<sup>4</sup>



### UA1056 - NZ

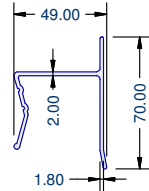
#### TOP CHANNEL

OAD = 49.00 x 70.00 mm

W = 0.811 kg/m P = 314.8 mm

$I_x = 81866.89 \text{ mm}^4$   $I_y = 109927.63 \text{ mm}^4$

POLAR MI = 1917945.2 mm<sup>4</sup>



### UA1057 - NZ

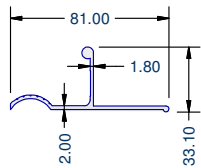
#### BOTTOM CHANNEL

OAD = 81.00 x 32.00 mm

W = 0.626 kg/m P = 244 mm

$I_x = 22749.69 \text{ mm}^4$   $I_y = 90260.8 \text{ mm}^4$

POLAR MI = 1130104.9 mm<sup>4</sup>



### UA2916 - NZ

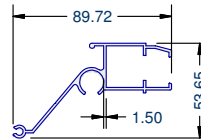
#### STRIKE

OAD = 89.72 x 53.65 mm

W = 0.896 kg/m P = 423 mm

$I_x = 33154.37 \text{ mm}^4$   $I_y = 236234.49 \text{ mm}^4$

POLAR MI = 2693888.6 mm<sup>4</sup>



### UA2917 - NZ

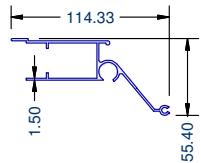
#### LOCK

OAD = 114.33 x 55.40 mm

W = 1.036 kg/m P = 489.1 mm

$I_x = 49526.13 \text{ mm}^4$   $I_y = 375049.28 \text{ mm}^4$

POLAR MI = 4245754.1 mm<sup>4</sup>



### UA2918 - NZ

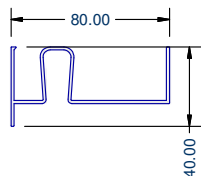
#### GUIDE

OAD = 80.00 x 40.00 mm

W = 0.804 kg/m P = 399.5 mm

$I_x = 31932.93 \text{ mm}^4$   $I_y = 228754.64 \text{ mm}^4$

POLAR MI = 2606875.7 mm<sup>4</sup>



### UA2919 - NZ

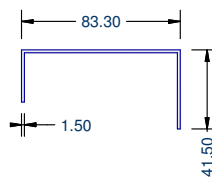
#### CHANNEL

OAD = 83.30 x 41.50 mm

W = 0.604 kg/m P = 301.4 mm

$I_x = 26814.07 \text{ mm}^4$   $I_y = 236676.57 \text{ mm}^4$

POLAR MI = 2634906.4 mm<sup>4</sup>



### UA2920 - NZ

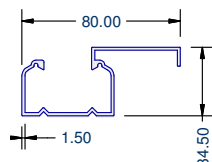
#### WHEEL GUIDE

OAD = 80.00 x 34.50 mm

W = 0.749 kg/m P = 359.6 mm

$I_x = 32387.21 \text{ mm}^4$   $I_y = 170802.95 \text{ mm}^4$

POLAR MI = 2031901.6 mm<sup>4</sup>



### UA2921 - NZ

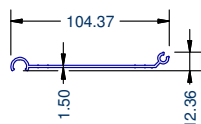
#### SHUTTER SLAT

OAD = 104.37 x 12.36 mm

W = 0.509 kg/m P = 255.4 mm

$I_x = 854.1 \text{ mm}^4$   $I_y = 210381.66 \text{ mm}^4$

POLAR MI = 2112357.6 mm<sup>4</sup>



### UA2922 - NZ

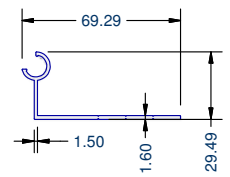
#### SHUTTER END

OAD = 69.29 x 29.49 mm

W = 0.439 kg/m P = 213.2 mm

$I_x = 8149.2 \text{ mm}^4$   $I_y = 75784.7 \text{ mm}^4$

POLAR MI = 839339 mm<sup>4</sup>



## THRESHOLDS

### UA1357 - NZ

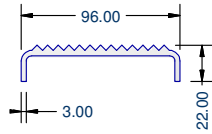
#### INDUSTRIAL STEP

OAD = 96.00 x 22.00 mm

W = 1.448 kg/m P = 285.3 mm

$I_x = 11008.18 \text{ mm}^4$   $I_y = 495249.37 \text{ mm}^4$

POLAR MI = 5062575.5 mm<sup>4</sup>



### UA1426 - NZ

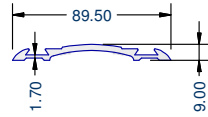
#### HERZIM THRESHOLD

OAD = 89.50 x 9.00 mm

W = 0.819 kg/m P = 214.4 mm

$I_x = 1617.37 \text{ mm}^4$   $I_y = 194243.63 \text{ mm}^4$

POLAR MI = 1958610 mm<sup>4</sup>



### UA1488 - NZ

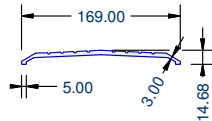
#### THRESHOLD

OAD = 169.00 x 14.68 mm

W = 1.888 kg/m P = 369.5 mm

$I_x = 5416.97 \text{ mm}^4$   $I_y = 1634941.66 \text{ mm}^4$

POLAR MI = 16403586.3 mm<sup>4</sup>



### UA1489 - NZ

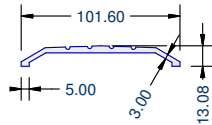
#### THRESHOLD

OAD = 101.60 x 13.08 mm

W = 1.019 kg/m P = 229 mm

$I_x = 3495.31 \text{ mm}^4$   $I_y = 324257.13 \text{ mm}^4$

POLAR MI = 3277524.4 mm<sup>4</sup>



### UA1490 - NZ

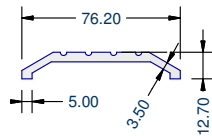
#### THRESHOLD

OAD = 76.20 x 12.70 mm

W = 0.889 kg/m P = 180.5 mm

$I_x = 3269.11 \text{ mm}^4$   $I_y = 167331.76 \text{ mm}^4$

POLAR MI = 1706008.7 mm<sup>4</sup>



### UA2580 - NZ

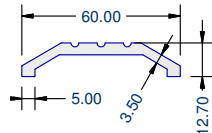
#### THRESHOLD

OAD = 60.00 x 12.70 mm

W = 0.702 kg/m P = 145.8 mm

$I_x = 2828.13 \text{ mm}^4$   $I_y = 83050.97 \text{ mm}^4$

POLAR MI = 858791 mm<sup>4</sup>



### UA2955 - NZ

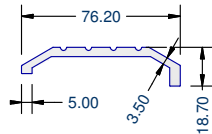
#### THRESHOLD

OAD = 76.20 x 18.70 mm

W = 0.97 kg/m P = 191 mm

$I_x = 6310.73 \text{ mm}^4$   $I_y = 202745.16 \text{ mm}^4$

POLAR MI = 2090558.9 mm<sup>4</sup>



## TRANSPORT

### UA1393 - NZ

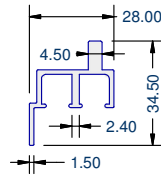
BUS WINDOW - BOTTOM

OAD = 28.00 x 34.50 mm

W = 0.457 kg/m P = 174.2 mm

$I_x = 4833.62 \text{ mm}^4$   $I_y = 19021.23 \text{ mm}^4$

POLAR MI = 238548.5 mm<sup>4</sup>



### UA1404 - NZ

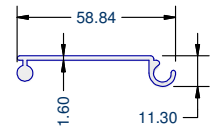
ROLLER SHUTTER

OAD = 58.85 x 11.30 mm

W = 0.394 kg/m P = 161.8 mm

$I_x = 1540.38 \text{ mm}^4$   $I_y = 58535.85 \text{ mm}^4$

POLAR MI = 600762.3 mm<sup>4</sup>



### UA1395 - NZ

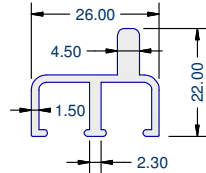
BUS WINDOW - TOP

OAD = 26.00 x 22.00 mm

W = 0.387 kg/m P = 143.6 mm

$I_x = 4086.66 \text{ mm}^4$   $I_y = 9468.97 \text{ mm}^4$

POLAR MI = 135556.3 mm<sup>4</sup>



### UA1405 - NZ

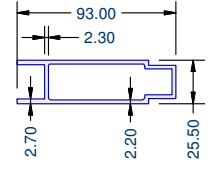
HOLLOW PLANK

OAD = 93.00 x 25.50 mm

W = 1.409 kg/m P = 267.4 mm

$I_x = 56818.78 \text{ mm}^4$   $I_y = 441878.53 \text{ mm}^4$

POLAR MI = 4986973.1 mm<sup>4</sup>



### UA1396 - NZ

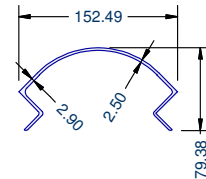
CANT RAIL

OAD = 152.49 x 79.38 mm

W = 1.966 kg/m P = 557.9 mm

$I_x = 427800.22 \text{ mm}^4$   $I_y = 2086371.44 \text{ mm}^4$

POLAR MI = 25141716.6 mm<sup>4</sup>



### UA1486 - NZ

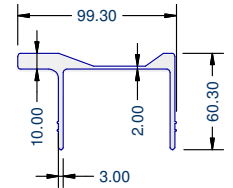
COAMING RAIL

OAD = 99.30 x 60.30 mm

W = 2.431 kg/m P = 418.6 mm

$I_x = 218019.54 \text{ mm}^4$   $I_y = 1089462.48 \text{ mm}^4$

POLAR MI = 13074820.2 mm<sup>4</sup>



### UA1397 - NZ

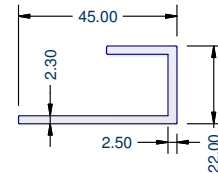
EASYDEK SIDE CAP

OAD = 45.00 x 22.00 mm

W = 0.521 kg/m P = 168.2 mm

$I_x = 9835.14 \text{ mm}^4$   $I_y = 38317.03 \text{ mm}^4$

POLAR MI = 481521.7 mm<sup>4</sup>



### UA1494 - NZ

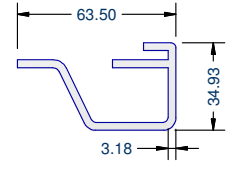
TRAY SIDE CAP

OAD = 63.50 x 34.93 mm

W = 1.198 kg/m P = 286.2 mm

$I_x = 57482.86 \text{ mm}^4$   $I_y = 156163.37 \text{ mm}^4$

POLAR MI = 2136462.3 mm<sup>4</sup>



### UA1398 - NZ

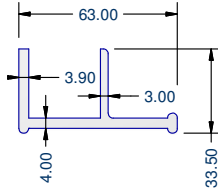
EASYDEK COAMING RAIL

OAD = 63.00 x 33.50 mm

W = 1.243 kg/m P = 249.3 mm

$I_x = 34261.55 \text{ mm}^4$   $I_y = 182758.22 \text{ mm}^4$

POLAR MI = 2170197.7 mm<sup>4</sup>



### UA1509 - NZ

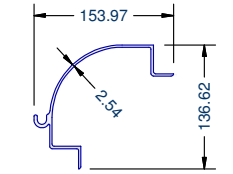
CANT WITH DRIP RAIL

OAD = 153.97 x 136.62 mm

W = 2.401 kg/m P = 645.4 mm

$I_x = 578418.4 \text{ mm}^4$   $I_y = 2852860.84 \text{ mm}^4$

POLAR MI = 34312792.4 mm<sup>4</sup>



### UA1399 - NZ

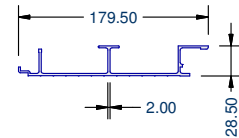
EASYDEK FLOORING

OAD = 179.50 x 28.50 mm

W = 1.621 kg/m P = 580.2 mm

$I_x = 58631.35 \text{ mm}^4$   $I_y = 1676955.52 \text{ mm}^4$

POLAR MI = 17355868.7 mm<sup>4</sup>



### UA1510 - NZ

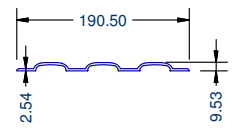
SCALLOP PLANK

OAD = 190.50 x 9.53 mm

W = 1.409 kg/m P = 420.8 mm

$I_x = 5081.49 \text{ mm}^4$   $I_y = 1541243.05 \text{ mm}^4$

POLAR MI = 15463245.4 mm<sup>4</sup>



### UA1400 - NZ

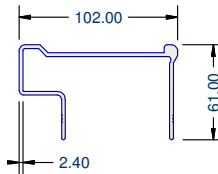
SIDE RAIL

OAD = 102.00 x 61.00 mm

W = 1.662 kg/m P = 491 mm

$I_x = 185159.62 \text{ mm}^4$   $I_y = 875896.85 \text{ mm}^4$

POLAR MI = 10610564.7 mm<sup>4</sup>



### UA1511 - NZ

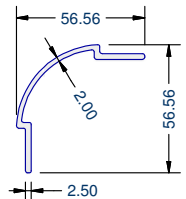
CANT RAIL

OAD = 56.56 x 56.56 mm

W = 0.627 kg/m P = 207.3 mm

$I_x = 17257.69 \text{ mm}^4$   $I_y = 122435.4 \text{ mm}^4$

POLAR MI = 1396930.9 mm<sup>4</sup>



### UA1402 - NZ

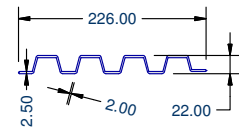
PLANK

OAD = 226.00 x 22.00 mm

W = 2.06 kg/m P = 677.8 mm

$I_x = 50519.05 \text{ mm}^4$   $I_y = 3094611.59 \text{ mm}^4$

POLAR MI = 31451306.4 mm<sup>4</sup>



### UA1573 - NZ

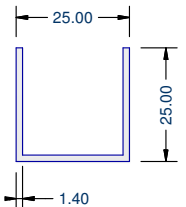
ROLLER GLIDE CHANNEL

OAD = 25.00 x 25.00 mm

W = 0.273 kg/m P = 147.2 mm

$I_x = 6647.85 \text{ mm}^4$   $I_y = 11034.69 \text{ mm}^4$

POLAR MI = 176825.4 mm<sup>4</sup>



### UA1403 - NZ

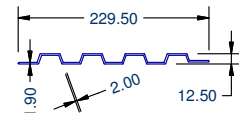
PLANK

OAD = 229.50 x 12.50 mm

W = 1.53 kg/m P = 571.2 mm

$I_x = 11674.75 \text{ mm}^4$   $I_y = 2324926.1 \text{ mm}^4$

POLAR MI = 23366008.5 mm<sup>4</sup>



### UA1581 - NZ

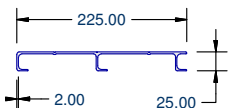
TRUCK SIDE BOARD

OAD = 225.00 x 25.00 mm

W = 2.172 kg/m P = 647 mm

$I_x = 53782.48 \text{ mm}^4$   $I_y = 4129989.28 \text{ mm}^4$

POLAR MI = 41837717.6 mm<sup>4</sup>



## TRANSPORT

### UA1583 - NZ

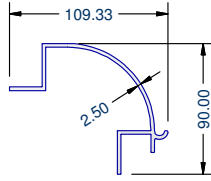
CANT WITH DRIP RAIL

OAD = 109.33 x 90.00 mm

W = 1.615 kg/m P = 478.4 mm

$I_x = 199922.18 \text{ mm}^4$   $I_y = 792483.87 \text{ mm}^4$

POLAR MI = 9924060.5 mm<sup>4</sup>



### UA4395 - NZ

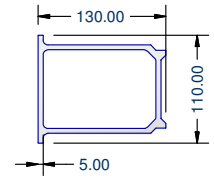
CHASSIS RUNNER

OAD = 130.00 x 110.00 mm

W = 6.132 kg/m P = 472.4 mm

$I_x = 3068415.41 \text{ mm}^4$   $I_y = 5283399.84 \text{ mm}^4$

POLAR MI = 83518152.5 mm<sup>4</sup>



### UA1584 - NZ

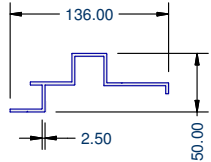
TRUCK SIDE RAIL

OAD = 136.00 x 50.00 mm

W = 1.521 kg/m P = 454.1 mm

$I_x = 96297.29 \text{ mm}^4$   $I_y = 774414.03 \text{ mm}^4$

POLAR MI = 8707113.2 mm<sup>4</sup>



### UA4626 - NZ

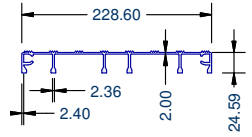
GRATE PUNCHED

OAD = 228.60 x 26.00 mm

W = 2.788 kg/m P = 839.5 mm

$I_x = 72824.7 \text{ mm}^4$   $I_y = 5889352.02 \text{ mm}^4$

POLAR MI = 59621767.2 mm<sup>4</sup>



### UA2463 - NZ

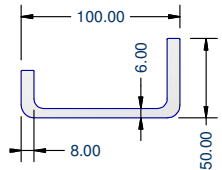
CHANNEL

OAD = 100.00 x 50.00 mm

W = 3.056 kg/m P = 335.1 mm

$I_x = 180832.78 \text{ mm}^4$   $I_y = 1594947.73 \text{ mm}^4$

POLAR MI = 17757805.1 mm<sup>4</sup>



### UA4711 - NZ

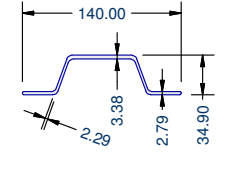
TOP HAT

OAD = 140.00 x 34.90 mm

W = 1.389 kg/m P = 365.8 mm

$I_x = 103183.72 \text{ mm}^4$   $I_y = 755079.72 \text{ mm}^4$

POLAR MI = 8582634.4 mm<sup>4</sup>



### UA2587 - NZ

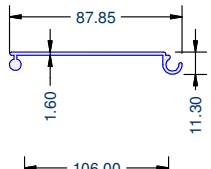
ROLLER SHUTTER

OAD = 87.85 x 11.30 mm

W = 0.519 kg/m P = 219.8 mm

$I_x = 1791.67 \text{ mm}^4$   $I_y = 169203.48 \text{ mm}^4$

POLAR MI = 1709951.5 mm<sup>4</sup>



### UA5006 - NZ/AUS^

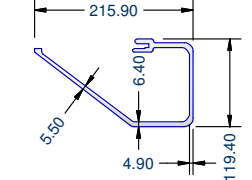
COAMING RAIL

OAD = 215.90 x 119.40 mm

W = 7.173 kg/m P = 913.8 mm

$I_x = 4684117.44 \text{ mm}^4$   $I_y = 10888503.73 \text{ mm}^4$

POLAR MI = 155726211.7 mm<sup>4</sup>



### UA2741 - NZ

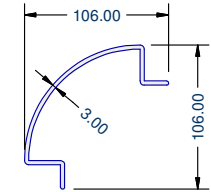
CANT RAIL

OAD = 106.00 x 106.00 mm

W = 1.806 kg/m P = 450.6 mm

$I_x = 223232.42 \text{ mm}^4$   $I_y = 1192730.83 \text{ mm}^4$

POLAR MI = 14159632.5 mm<sup>4</sup>



### UA5183 - NZ

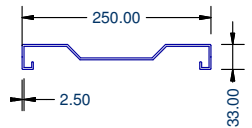
SIDE BOARD

OAD = 250.00 x 33.00 mm

W = 2.461 kg/m P = 731.6 mm

$I_x = 98167.54 \text{ mm}^4$   $I_y = 6981917.02 \text{ mm}^4$

POLAR MI = 70800845.6 mm<sup>4</sup>



### UA3328 - NZ

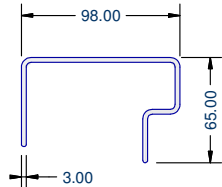
COAMING RAIL

OAD = 98.00 x 65.00 mm

W = 1.811 kg/m P = 452 mm

$I_x = 244305.97 \text{ mm}^4$   $I_y = 902577.43 \text{ mm}^4$

POLAR MI = 11468834 mm<sup>4</sup>



### UA5228 - AUS

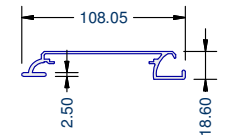
ROLLER SLAT

OAD = 108.05 x 18.60 mm

W = 0.885 kg/m P = 351.1 mm

$I_x = 14452.68 \text{ mm}^4$   $I_y = 432677.51 \text{ mm}^4$

POLAR MI = 4471301.9 mm<sup>4</sup>



### UA3493 - NZ

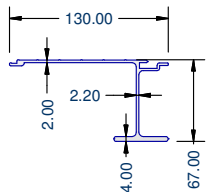
DECKING

OAD = 130.00 x 67.00 mm

W = 1.667 kg/m P = 492.3 mm

$I_x = 273095.04 \text{ mm}^4$   $I_y = 965768.47 \text{ mm}^4$

POLAR MI = 12388635.1 mm<sup>4</sup>



### UA5250 - AUS

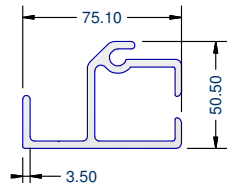
TRUCK FLAP RUNNER

OAD = 75.10 x 50.50 mm

W = 2.066 kg/m P = 434.4 mm

$I_x = 196025 \text{ mm}^4$   $I_y = 410818.26 \text{ mm}^4$

POLAR MI = 6068432.6 mm<sup>4</sup>



### UA4141 - NZ

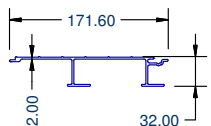
DECKING

OAD = 171.60 x 32.00 mm

W = 1.617 kg/m P = 570.7 mm

$I_x = 73072.85 \text{ mm}^4$   $I_y = 1503365.64 \text{ mm}^4$

POLAR MI = 15764384.9 mm<sup>4</sup>



### UA5275 - NZ/AUS^

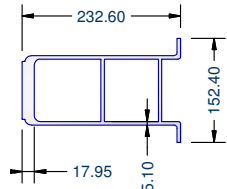
SUB FRAME

OAD = 232.60 x 152.40 mm

W = 13.851 kg/m P = 807 mm

$I_x = 8204904.21 \text{ mm}^4$   $I_y = 33586982.84 \text{ mm}^4$

POLAR MI = 417918870.5 mm<sup>4</sup>



### UA4394 - NZ

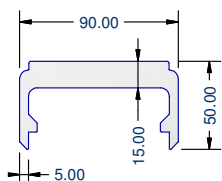
CHASSIS RUNNER CAP

OAD = 90.00 x 50.00 mm

W = 4.599 kg/m P = 348.2 mm

$I_x = 244751.34 \text{ mm}^4$   $I_y = 1516678.78 \text{ mm}^4$

POLAR MI = 17614301.2 mm<sup>4</sup>



### UA5814 - NZ

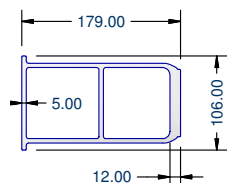
TIPPER SUB FRAME

OAD = 179.00 x 106.00 mm

W = 9.596 kg/m P = 554.9 mm

$I_x = 4219172.22 \text{ mm}^4$   $I_y = 14235373.82 \text{ mm}^4$

POLAR MI = 184545460.4 mm<sup>4</sup>



## TRANSPORT

### UA5972 - NZ

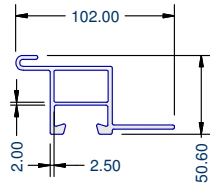
#### BUS SECTION

OAD = 102.00 x 50.60 mm

W = 1.774 kg/m P = 381.7 mm

$I_x = 108810.76 \text{ mm}^4$   $I_y = 458180.95 \text{ mm}^4$

POLAR MI = 5669917.1 mm<sup>4</sup>



### UA6034 - NZ

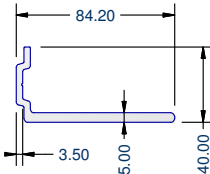
#### BUS SECTION

OAD = 84.20 x 40.00 mm

W = 1.462 kg/m P = 246.8 mm

$I_x = 36097.77 \text{ mm}^4$   $I_y = 402453.09 \text{ mm}^4$

POLAR MI = 4385508.6 mm<sup>4</sup>



### UA6153 - AUS

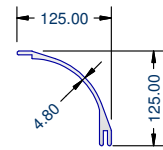
#### SIDE RAIL

OAD = 125.00 x 125.00 mm

W = 3.318 kg/m P = 445 mm

$I_x = 3668944.17 \text{ mm}^4$   $I_y = 180588.6 \text{ mm}^4$

POLAR MI = 38495327.7 mm<sup>4</sup>



### UA6244 - AUS

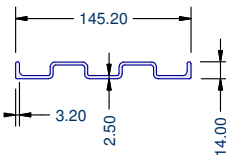
#### RUB RAIL

OAD = 145.20 x 14.00 mm

W = 1.44 kg/m P = 404.2 mm

$I_x = 12904.96 \text{ mm}^4$   $I_y = 1121619.33 \text{ mm}^4$

POLAR MI = 11345242.9 mm<sup>4</sup>



### UA6388 - NZ

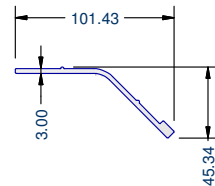
#### SIDE RAIL

OAD = 101.43 x 45.34 mm

W = 1.022 kg/m P = 242.8 mm

$I_x = 14783.54 \text{ mm}^4$   $I_y = 403368.73 \text{ mm}^4$

POLAR MI = 4181522.7 mm<sup>4</sup>



### UA6567 - NZ

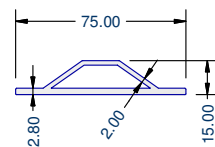
#### SIDE RAIL

OAD = 75.00 x 15.00 mm

W = 0.861 kg/m P = 162.6 mm

$I_x = 6963.75 \text{ mm}^4$   $I_y = 119841.52 \text{ mm}^4$

POLAR MI = 1268052.7 mm<sup>4</sup>



### UA6611 - NZ

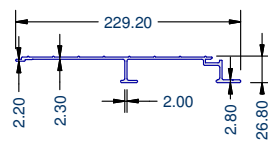
#### DECKING

OAD = 229.20 x 26.80 mm

W = 1.971 kg/m P = 610.5 mm

$I_x = 45205.11 \text{ mm}^4$   $I_y = 3189510.74 \text{ mm}^4$

POLAR MI = 32347158.5 mm<sup>4</sup>



### UA6784 - NZ

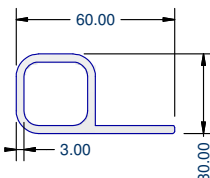
#### P - SECTION

OAD = 60.00 x 30.00 mm

W = 1.062 kg/m P = 168.4 mm

$I_x = 33941.3 \text{ mm}^4$   $I_y = 112913.59 \text{ mm}^4$

POLAR MI = 1468548.9 mm<sup>4</sup>



### UA6892 - NZ

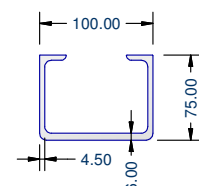
#### CHANNEL

OAD = 100.00 x 75.00 mm

W = 3.777 kg/m P = 544 mm

$I_x = 1067899.42 \text{ mm}^4$   $I_y = 2160748.23 \text{ mm}^4$

POLAR MI = 32286476.5 mm<sup>4</sup>



### UA7075 - NZ/AUS<sup>A</sup>

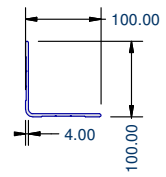
#### TRUCK ANGLE

OAD = 100.00 x 100.00 mm

W = 1.76 kg/m P = 392.1 mm

$I_x = 276231.75 \text{ mm}^4$   $I_y = 1082623.35 \text{ mm}^4$

POLAR MI = 13588551 mm<sup>4</sup>



### UA2424 - NZ

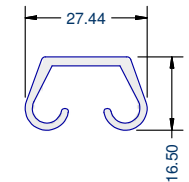
#### SHUTTER CONNECTOR

OAD = 27.44 x 16.50 mm

W = 0.334 kg/m P = 133.7 mm

$I_x = 4018.59 \text{ mm}^4$   $I_y = 10114.67 \text{ mm}^4$

POLAR MI = 141332.6 mm<sup>4</sup>



### UA2426 - NZ

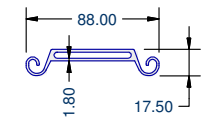
#### ROLLER SHUTTER

OAD = 88.00 x 17.50 mm

W = 0.966 kg/m P = 273.4 mm

$I_x = 7897.83 \text{ mm}^4$   $I_y = 247043.61 \text{ mm}^4$

POLAR MI = 2549414.4 mm<sup>4</sup>



### UA8849 - AUS

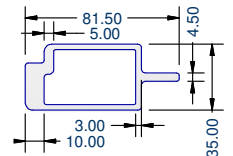
#### FRAME WALL

OAD = 81.50 x 35.00 mm

W = 2.142 kg/m P = 223.6 mm

$I_x = 105715.36 \text{ mm}^4$   $I_y = 487134.35 \text{ mm}^4$

POLAR MI = 5928497.1 mm<sup>4</sup>



### UA8850 - AUS

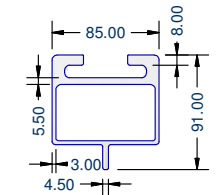
#### FRAME SECTION

OAD = 85.00 x 91.00 mm

W = 4.568 kg/m P = 430.8 mm

$I_x = 1113813.86 \text{ mm}^4$   $I_y = 1557577.75 \text{ mm}^4$

POLAR MI = 26713916.1 mm<sup>4</sup>



### UA10369 - AUS

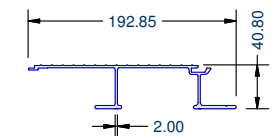
#### 4 TON DECKING MIDDLE PLANK

OAD = 192.85 x 40.80 mm

W = 1.936 kg/m P = 635 mm

$I_x = 158078.28 \text{ mm}^4$   $I_y = 2004668.29 \text{ mm}^4$

POLAR MI = 21627465.7 mm<sup>4</sup>



### UA10370 - AUS

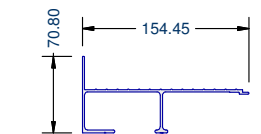
#### 4 TON DECKING STARTER PLANK

OAD = 154.45 x 70.80 mm

W = 1.789 kg/m P = 606.7 mm

$I_x = 192702.89 \text{ mm}^4$   $I_y = 1440058.67 \text{ mm}^4$

POLAR MI = 16327615.6 mm<sup>4</sup>



### UA10371 - AUS

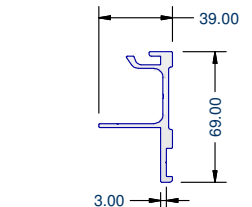
#### 4 TON REAR COAMING

OAD = 39.00 x 69.00 mm

W = 1.12 kg/m P = 273.2 mm

$I_x = 170986.52 \text{ mm}^4$   $I_y = 30183.53 \text{ mm}^4$

POLAR MI = 2011700.5 mm<sup>4</sup>



### UA10372 - AUS

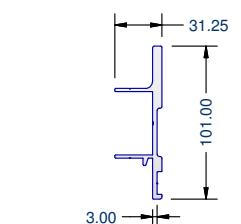
#### 4 TON SIDE COAMING

OAD = 31.25 x 101.00 mm

W = 1.603 kg/m P = 328.4 mm

$I_x = 491321.91 \text{ mm}^4$   $I_y = 25258.91 \text{ mm}^4$

POLAR MI = 5165808.2 mm<sup>4</sup>



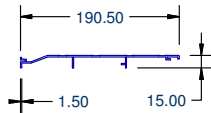
## ULLTRACLAD CLADDING SYSTEM

Quality Aluminium Extruders

### UA4528 - NZ

#### STANDARD BOARD

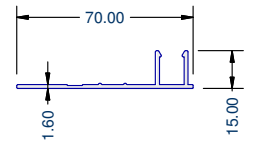
OAD = 190.50 x 15.00 mm  
W = 1.003 kg/m P = 500.9 mm  
 $I_x = 4184.2 \text{ mm}^4$   $I_y = 1208925.33 \text{ mm}^4$   
POLAR MI = 12131095.3 mm<sup>4</sup>



### UA5831 - NZ

#### SOFFIT CLIP BASE

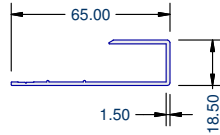
OAD = 70.00 x 15.00 mm  
W = 0.416 kg/m P = 197.8 mm  
 $I_x = 1941.94 \text{ mm}^4$   $I_y = 68789.68 \text{ mm}^4$   
POLAR MI = 707316.2 mm<sup>4</sup>



### UA4532 - NZ

#### WINDOW FLASHING

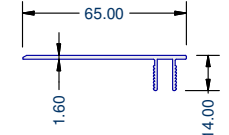
OAD = 65.00 x 18.50 mm  
W = 0.42 kg/m P = 213.6 mm  
 $I_x = 6120.55 \text{ mm}^4$   $I_y = 60468.05 \text{ mm}^4$   
POLAR MI = 665886 mm<sup>4</sup>



### UA5832 - NZ

#### SOFFIT 65MM CLIP TOP

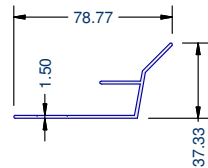
OAD = 65.00 x 14.00 mm  
W = 0.366 kg/m P = 188.5 mm  
 $I_x = 1315.83 \text{ mm}^4$   $I_y = 50461.33 \text{ mm}^4$   
POLAR MI = 517771.6 mm<sup>4</sup>



### UA4533 - NZ

#### HEAD FLASHING

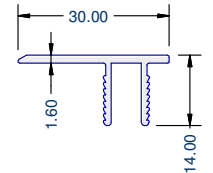
OAD = 78.77 x 37.33 mm  
W = 0.497 kg/m P = 248.1 mm  
 $I_x = 9560.55 \text{ mm}^4$   $I_y = 94862.4 \text{ mm}^4$   
POLAR MI = 1044229.5 mm<sup>4</sup>



### UA5833 - NZ

#### SOFFIT 30MM CLIP TOP

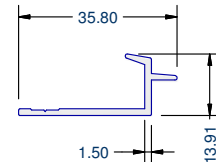
OAD = 30.00 x 14.00 mm  
W = 0.215 kg/m P = 118.5 mm  
 $I_x = 1169.67 \text{ mm}^4$   $I_y = 4819.05 \text{ mm}^4$   
POLAR MI = 59887.2 mm<sup>4</sup>



### UA4535 - NZ

#### LOCATOR CLIP

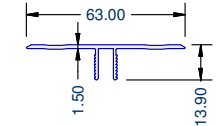
OAD = 35.80 x 13.91 mm  
W = 0.198 kg/m P = 105 mm  
 $I_x = 845.22 \text{ mm}^4$   $I_y = 7480.92 \text{ mm}^4$   
POLAR MI = 83261.4 mm<sup>4</sup>



### UA6323 - NZ

#### SCALLOPED JOINTER TOP

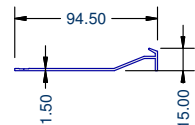
OAD = 63.00 x 13.90 mm  
W = 0.338 kg/m P = 183.8 mm  
 $I_x = 1601.59 \text{ mm}^4$   $I_y = 29932.18 \text{ mm}^4$   
POLAR MI = 315337.7 mm<sup>4</sup>



### UA4862 - NZ

#### BOARD STARTER

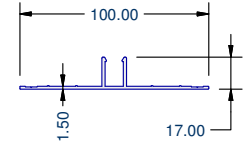
OAD = 94.50 x 15.00 mm  
W = 0.449 kg/m P = 227.1 mm  
 $I_x = 1105.31 \text{ mm}^4$   $I_y = 146444.91 \text{ mm}^4$   
POLAR MI = 1475502.2 mm<sup>4</sup>



### UA6324 - NZ

#### 2 PIECE JOINTER BASE

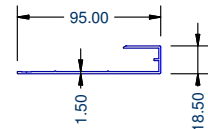
OAD = 100.00 x 17.00 mm  
W = 0.536 kg/m P = 268.2 mm  
 $I_x = 3922.64 \text{ mm}^4$   $I_y = 120055.94 \text{ mm}^4$   
POLAR MI = 1239785.8 mm<sup>4</sup>



### UA4863 - NZ

#### VERTICAL BOARD STARTER

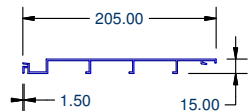
OAD = 95.00 x 18.50 mm  
W = 0.554 kg/m P = 279.3 mm  
 $I_x = 6647.67 \text{ mm}^4$   $I_y = 178927.41 \text{ mm}^4$   
POLAR MI = 1855750.8 mm<sup>4</sup>



### UA6478 - AUS

#### SHADOLINE FLAT BOARD

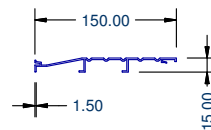
OAD = 205.00 x 15.00 mm  
W = 1.207 kg/m P = 598.8 mm  
 $I_x = 9655.67 \text{ mm}^4$   $I_y = 1709927.76 \text{ mm}^4$   
POLAR MI = 17195834.3 mm<sup>4</sup>



### UA4917 - NZ

#### TEE BOARD

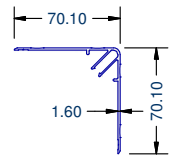
OAD = 150.00 x 15.00 mm  
W = 0.886 kg/m P = 443.6 mm  
 $I_x = 4486.98 \text{ mm}^4$   $I_y = 636516.58 \text{ mm}^4$   
POLAR MI = 6410035.6 mm<sup>4</sup>



### UA6608 - NZ

#### FEMALE SCALLOPED CORNER

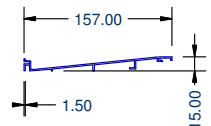
OAD = 70.10 x 70.10 mm  
W = 0.68 kg/m P = 354.3 mm  
 $I_x = 160747.67 \text{ mm}^4$   $I_y = 43403.07 \text{ mm}^4$   
POLAR MI = 2041505.5 mm<sup>4</sup>



### UA5059 - NZ/AUS

#### TRADITIONAL BOARD

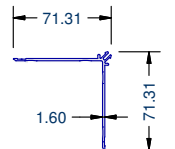
OAD = 157.00 x 15.00 mm  
W = 0.842 kg/m P = 424 mm  
 $I_x = 2363.46 \text{ mm}^4$   $I_y = 749182.19 \text{ mm}^4$   
POLAR MI = 7515456.5 mm<sup>4</sup>



### UA6609 - NZ

#### MALE SCALLOPED CORNER

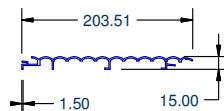
OAD = 71.31 x 71.31 mm  
W = 0.594 kg/m P = 299.8 mm  
 $I_x = 45869.67 \text{ mm}^4$   $I_y = 134532.36 \text{ mm}^4$   
POLAR MI = 1804020.3 mm<sup>4</sup>



### UA5104 - NZ

#### FULL CORRUGATE BOARD

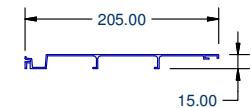
OAD = 203.51 x 15.00 mm  
W = 1.299 kg/m P = 618.6 mm  
 $I_x = 7385.59 \text{ mm}^4$   $I_y = 1856017.2 \text{ mm}^4$   
POLAR MI = 18634027.9 mm<sup>4</sup>



### UA6975 - NZ

#### SHADOLINE BOARD

OAD = 205.00 x 15.00 mm  
W = 1.167 kg/m P = 561.5 mm  
 $I_x = 7869.17 \text{ mm}^4$   $I_y = 1684799.86 \text{ mm}^4$   
POLAR MI = 16926690.3 mm<sup>4</sup>



## ULLTRACLAD CLADDING SYSTEM

### UA7094 - NZ

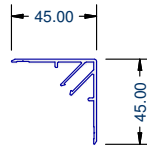
#### FEMALE FLAT CORNER

OAD = 45.00 x 45.00 mm

W = 0.465 kg/m P = 256.8 mm

$I_x = 10883.09 \text{ mm}^4$   $I_y = 40598.83 \text{ mm}^4$

POLAR MI = 514819.2 mm<sup>4</sup>



### UA7095 - NZ

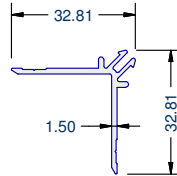
#### MALE FLAT CORNER

OAD = 32.81 x 32.81 mm

W = 0.266 kg/m P = 146.1 mm

$I_x = 4375.89 \text{ mm}^4$   $I_y = 8704.4 \text{ mm}^4$

POLAR MI = 130802.9 mm<sup>4</sup>



### UA7096 - NZ

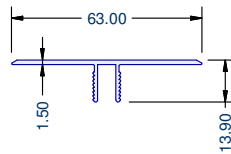
#### FLAT JOINTER TOP

OAD = 63.00 x 13.90 mm

W = 0.338 kg/m P = 183.7 mm

$I_x = 1618.3 \text{ mm}^4$   $I_y = 29910.53 \text{ mm}^4$

POLAR MI = 315288.3 mm<sup>4</sup>



### UA7401 - NZ

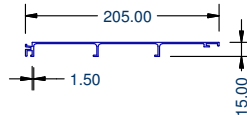
#### INFINITY BOARD

OAD = 205.00 x 15.00 mm

W = 1.159 kg/m P = 546 mm

$I_x = 6374.27 \text{ mm}^4$   $I_y = 1702421.44 \text{ mm}^4$

POLAR MI = 17087957.1 mm<sup>4</sup>



### UA7584 - NZ

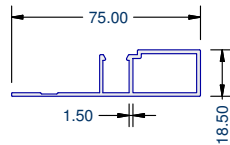
#### JAMB/SILL CLIP

OAD = 75.00 x 18.50 mm

W = 0.594 kg/m P = 219.1 mm

$I_x = 8658.8 \text{ mm}^4$   $I_y = 92418.72 \text{ mm}^4$

POLAR MI = 1010775.2 mm<sup>4</sup>



### UA7726 - NZ

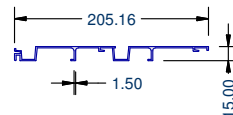
#### SHADO 100

OAD = 205.16 x 15.00 mm

W = 1.303 kg/m P = 628.5 mm

$I_x = 11365.5 \text{ mm}^4$   $I_y = 1732451.89 \text{ mm}^4$

POLAR MI = 17438173.9 mm<sup>4</sup>



### UA7837 - NZ

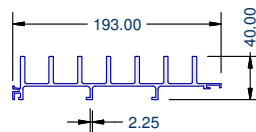
#### FIN BOARD - WEATHERBOARD

OAD = 193.00 x 40.00 mm

W = 3.445 kg/m P = 856.9 mm

$I_x = 122087.72 \text{ mm}^4$   $I_y = 3835134.04 \text{ mm}^4$

POLAR MI = 39572217.6 mm<sup>4</sup>



### UA7868 - NZ

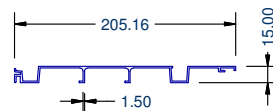
#### SHADO 140

OAD = 205.16 x 15.00 mm

W = 1.274 kg/m P = 614 mm

$I_x = 12017.65 \text{ mm}^4$   $I_y = 1777399.16 \text{ mm}^4$

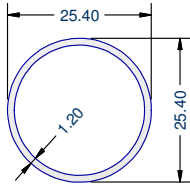
POLAR MI = 17894168.1 mm<sup>4</sup>



## UA2027 - NZ

### HANGER RAIL

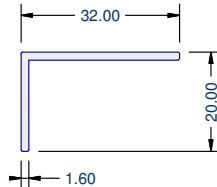
OAD = 25.40 x 25.40 mm  
W = 0.246 kg/m P = 79.8 mm  
 $I_x = 6695.05 \text{ mm}^4$   $I_y = 6695.05 \text{ mm}^4$   
POLAR MI = 133901 mm<sup>4</sup>



## UA2943 - NZ/AUS

### ANGLE

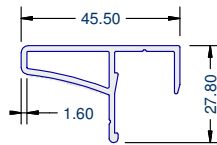
OAD = 32.00 x 20.00 mm  
W = 0.217 kg/m P = 103.4 mm  
 $I_x = 1570.01 \text{ mm}^4$   $I_y = 9800.99 \text{ mm}^4$   
POLAR MI = 113710 mm<sup>4</sup>



## UA6556 - AUS

### SHELF BRACKET

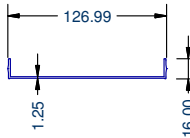
OAD = 45.50 x 27.80 mm  
W = 0.502 kg/m P = 164.9 mm  
 $I_x = 9000.84 \text{ mm}^4$   $I_y = 31425.42 \text{ mm}^4$   
POLAR MI = 404262.6 mm<sup>4</sup>



## UA6950 - NZ/AUS^

### CHANNEL JAMB

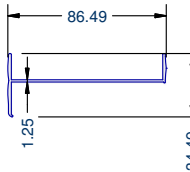
OAD = 126.99 x 16.00 mm  
W = 0.554 kg/m P = 312.2 mm  
 $I_x = 2888.4 \text{ mm}^4$   $I_y = 393969.92 \text{ mm}^4$   
POLAR MI = 3968583.2 mm<sup>4</sup>



## UA6951 - NZ/AUS^

### COVER JAMB

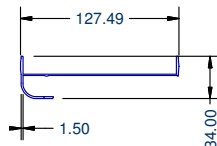
OAD = 86.49 x 34.49 mm  
W = 0.51 kg/m P = 268.5 mm  
 $I_x = 6659.53 \text{ mm}^4$   $I_y = 200446.32 \text{ mm}^4$   
POLAR MI = 2071058.5 mm<sup>4</sup>



## UA6952 - NZ/AUS^

### RETURN JAMB

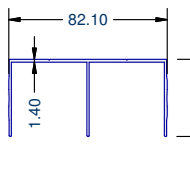
OAD = 127.49 x 34.00 mm  
W = 0.716 kg/m P = 388.3 mm  
 $I_x = 13392.26 \text{ mm}^4$   $I_y = 538772.13 \text{ mm}^4$   
POLAR MI = 5521643.9 mm<sup>4</sup>



## UA6953 - NZ/AUS^

### DOUBLE HEAD

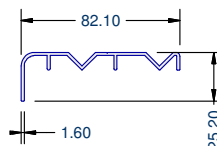
OAD = 82.10 x 40.00 mm  
W = 0.702 kg/m P = 396.3 mm  
 $I_x = 42765.37 \text{ mm}^4$   $I_y = 224821.56 \text{ mm}^4$   
POLAR MI = 2675869.3 mm<sup>4</sup>



## UA6954 - NZ/AUS^

### DOUBLE SILL

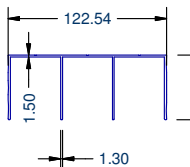
OAD = 82.10 x 25.20 mm  
W = 0.592 kg/m P = 276.4 mm  
 $I_x = 5407.09 \text{ mm}^4$   $I_y = 162745.43 \text{ mm}^4$   
POLAR MI = 1681525.2 mm<sup>4</sup>



## UA6955 - NZ/AUS^

### TRIPLE HEAD

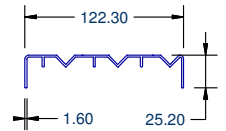
OAD = 122.54 x 50.00 mm  
W = 1.247 kg/m P = 634 mm  
 $I_x = 122636.53 \text{ mm}^4$   $I_y = 836731.93 \text{ mm}^4$   
POLAR MI = 9593684.6 mm<sup>4</sup>



## UA6956 - NZ/AUS^

### TRIPLE SILL

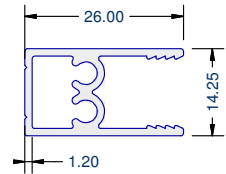
OAD = 122.30 x 25.20 mm  
W = 0.898 kg/m P = 418.2 mm  
 $I_x = 11585.56 \text{ mm}^4$   $I_y = 578296.2 \text{ mm}^4$   
POLAR MI = 5898817.6 mm<sup>4</sup>



## UA6957 - NZ/AUS^

### SASH RAIL

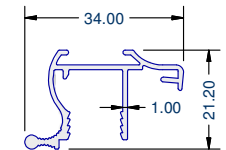
OAD = 26.00 x 14.25 mm  
W = 0.298 kg/m P = 113.5 mm  
 $I_x = 3343.06 \text{ mm}^4$   $I_y = 5843.6 \text{ mm}^4$   
POLAR MI = 91866.6 mm<sup>4</sup>



## UA6958 - NZ/AUS^

### GRIP STILE

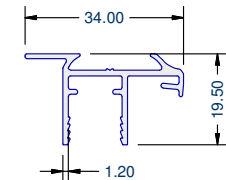
OAD = 34.00 x 21.20 mm  
W = 0.272 kg/m P = 183 mm  
 $I_x = 2965.53 \text{ mm}^4$   $I_y = 10941.54 \text{ mm}^4$   
POLAR MI = 139070.7 mm<sup>4</sup>



## UA6959 - NZ/AUS^

### LIPPED STILE

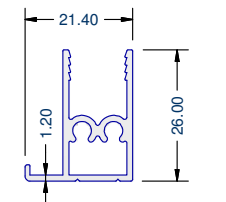
OAD = 34.00 x 19.50 mm  
W = 0.275 kg/m P = 172.4 mm  
 $I_x = 2712.68 \text{ mm}^4$   $I_y = 8572.44 \text{ mm}^4$   
POLAR MI = 112851.2 mm<sup>4</sup>



## UA6969 - NZ/AUS^

### LIPPED SASH RAIL

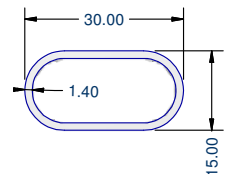
OAD = 21.40 x 26.00 mm  
W = 0.318 kg/m P = 130.3 mm  
 $I_x = 7030.43 \text{ mm}^4$   $I_y = 3922.57 \text{ mm}^4$   
POLAR MI = 109530 mm<sup>4</sup>



## UA6970 - NZ/AUS^

### OVAL HANGER RAIL

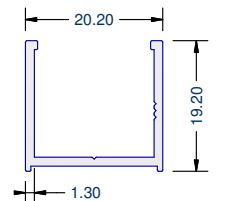
OAD = 30.00 x 15.00 mm  
W = 0.275 kg/m P = 77.1 mm  
 $I_x = 3346.54 \text{ mm}^4$   $I_y = 9447.62 \text{ mm}^4$   
POLAR MI = 127941.6 mm<sup>4</sup>



## UA6971 - NZ/AUS^

### TRIM CHANNEL

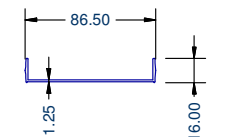
OAD = 20.20 x 19.20 mm  
W = 0.197 kg/m P = 116.7 mm  
 $I_x = 2698.33 \text{ mm}^4$   $I_y = 5055.91 \text{ mm}^4$   
POLAR MI = 77542.4 mm<sup>4</sup>



## UA8560 - AUS

### CHANNEL JAMB

OAD = 86.50 x 16.00 mm  
W = 0.417 kg/m P = 230.8 mm  
 $I_x = 2650.01 \text{ mm}^4$   $I_y = 149341.23 \text{ mm}^4$   
POLAR MI = 1519912.4 mm<sup>4</sup>



## WARDROBE - CAVITY

Quality Aluminium Extruders

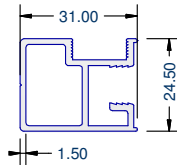
### UA1820 - NZ

DOOR STILE

OAD = 31.00 x 24.50 mm

W = 0.508 kg/m P = 175.6 mm

 $I_x = 13780.35 \text{ mm}^4$   $I_y = 19287.68 \text{ mm}^4$ 

POLAR MI = 330680.3 mm<sup>4</sup>


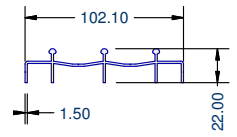
### UA2999 - NZ

TRIPLE TRACK

OAD = 102.10 x 22.00 mm

W = 0.816 kg/m P = 387.1 mm

 $I_x = 7288.88 \text{ mm}^4$   $I_y = 307024.24 \text{ mm}^4$ 

POLAR MI = 3143131.2 mm<sup>4</sup>


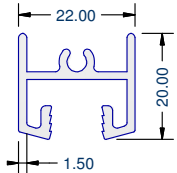
### UA1821 - NZ

DOOR TOP RAIL

OAD = 22.00 x 20.00 mm

W = 0.35 kg/m P = 166.2 mm

 $I_x = 3776.1 \text{ mm}^4$   $I_y = 8159.26 \text{ mm}^4$ 

POLAR MI = 119353.6 mm<sup>4</sup>


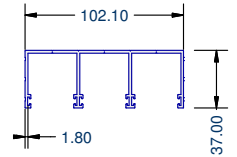
### UA3000 - NZ

TRIPLE HEAD

OAD = 102.10 x 37.00 mm

W = 1.296 kg/m P = 562.5 mm

 $I_x = 81204.67 \text{ mm}^4$   $I_y = 548726.3 \text{ mm}^4$ 

POLAR MI = 6299309.7 mm<sup>4</sup>


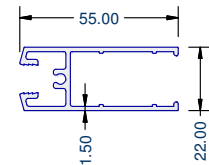
### UA1822 - NZ

DOOR BOTTOM RAIL

OAD = 55.00 x 22.00 mm

W = 0.661 kg/m P = 314.9 mm

 $I_x = 19925.16 \text{ mm}^4$   $I_y = 63294.72 \text{ mm}^4$ 

POLAR MI = 832198.8 mm<sup>4</sup>


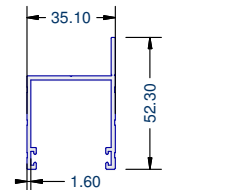
### UA3002 - NZ

SINGLE HEAD

OAD = 35.10 x 52.30 mm

W = 0.564 kg/m P = 271.7 mm

 $I_x = 35927.74 \text{ mm}^4$   $I_y = 52841.38 \text{ mm}^4$ 

POLAR MI = 887691.2 mm<sup>4</sup>


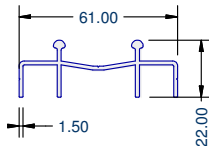
### UA1824 - NZ

DOUBLE TRACK

OAD = 61.00 x 22.00 mm

W = 0.547 kg/m P = 260.6 mm

 $I_x = 5387.87 \text{ mm}^4$   $I_y = 76845.02 \text{ mm}^4$ 

POLAR MI = 822328.9 mm<sup>4</sup>


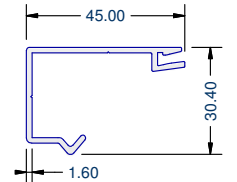
### UA3096 - NZ

SINGLE DOOR TRACK

OAD = 45.00 x 30.40 mm

W = 0.435 kg/m P = 202.9 mm

 $I_x = 12105.76 \text{ mm}^4$   $I_y = 42316.11 \text{ mm}^4$ 

POLAR MI = 544218.7 mm<sup>4</sup>


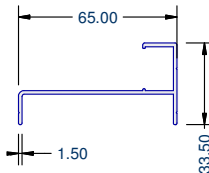
### UA1825 - NZ

DOOR JAMB

OAD = 65.00 x 33.50 mm

W = 0.493 kg/m P = 246.9 mm

 $I_x = 9997.04 \text{ mm}^4$   $I_y = 103164.94 \text{ mm}^4$ 

POLAR MI = 1131619.8 mm<sup>4</sup>


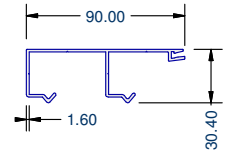
### UA3097 - NZ

DOUBLE DOOR TRACK

OAD = 90.00 x 30.40 mm

W = 0.818 kg/m P = 379.5 mm

 $I_x = 33013.47 \text{ mm}^4$   $I_y = 238565.17 \text{ mm}^4$ 

POLAR MI = 2715786.4 mm<sup>4</sup>


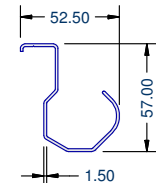
### UA1848 - NZ

COAT HANGER RAIL

OAD = 52.50 x 57.00 mm

W = 0.553 kg/m P = 276.2 mm

 $I_x = 94800.8 \text{ mm}^4$   $I_y = 29531.88 \text{ mm}^4$ 

POLAR MI = 1243326.8 mm<sup>4</sup>


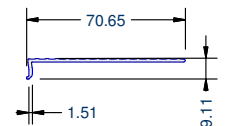
### UA3098 - NZ

PELMET

OAD = 70.65 x 9.11 mm

W = 0.278 kg/m P = 158.5 mm

 $I_x = 216.53 \text{ mm}^4$   $I_y = 48751.03 \text{ mm}^4$ 

POLAR MI = 489675.6 mm<sup>4</sup>


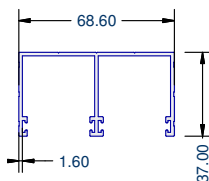
### UA2590 - NZ

DOUBLE HEAD

OAD = 68.60 x 37.00 mm

W = 0.843 kg/m P = 402.6 mm

 $I_x = 53926.96 \text{ mm}^4$   $I_y = 184780.39 \text{ mm}^4$ 

POLAR MI = 2387073.5 mm<sup>4</sup>


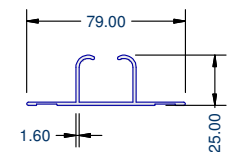
### UA5147 - NZ

DOOR TRACK

OAD = 79.00 x 25.00 mm

W = 0.556 kg/m P = 276 mm

 $I_x = 15448.75 \text{ mm}^4$   $I_y = 70136.85 \text{ mm}^4$ 

POLAR MI = 855856 mm<sup>4</sup>


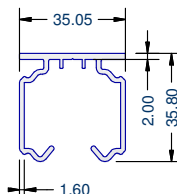
### UA2987 - NZ

SLIDING DOOR TRACK

OAD = 35.05 x 35.80 mm

W = 0.629 kg/m P = 278.8 mm

 $I_x = 37148.86 \text{ mm}^4$   $I_y = 39412.28 \text{ mm}^4$ 

POLAR MI = 765611.4 mm<sup>4</sup>


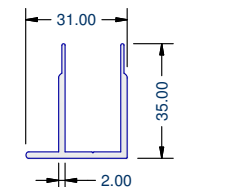
### UA5148 - NZ

HANDLE CAP

OAD = 31.00 x 35.00 mm

W = 0.471 kg/m P = 195.2 mm

 $I_x = 20351.35 \text{ mm}^4$   $I_y = 13823.35 \text{ mm}^4$ 

POLAR MI = 341747 mm<sup>4</sup>


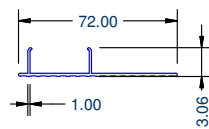
### UA2988 - NZ

SLIDING DOOR PELMET

OAD = 72.00 x 13.06 mm

W = 0.317 kg/m P = 193.8 mm

 $I_x = 1010.56 \text{ mm}^4$   $I_y = 50381.69 \text{ mm}^4$ 

POLAR MI = 513922.5 mm<sup>4</sup>


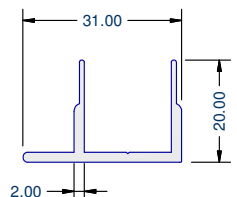
### UA5149 - NZ

HANDLE CAP

OAD = 31.00 x 20.00 mm

W = 0.312 kg/m P = 135.2 mm

 $I_x = 3191.89 \text{ mm}^4$   $I_y = 10464.14 \text{ mm}^4$ 

POLAR MI = 136560.3 mm<sup>4</sup>


## WARDROBE - CAVITY

Quality Aluminium Extruders

### UA5150 - NZ

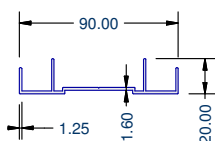
CAVITY JAMB

OAD = 90.00 x 20.00 mm

W = 0.615 kg/m P = 315.7 mm

$I_x = 5347.87 \text{ mm}^4$   $I_y = 195550.17 \text{ mm}^4$

POLAR MI = 2008980.4 mm<sup>4</sup>



### UA8767 - AUS

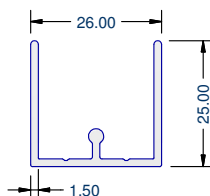
WARDROBE TRACK

OAD = 26.00 x 25.00 mm

W = 0.325 kg/m P = 160 mm

$I_x = 7217.81 \text{ mm}^4$   $I_y = 12694.9 \text{ mm}^4$

POLAR MI = 199127.1 mm<sup>4</sup>



### UA8958 - AUS^

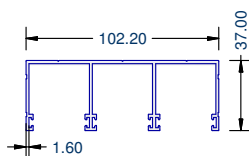
WARDROBE HEAD

OAD = 102.20 x 37.00 mm

W = 1.189 kg/m P = 567.5 mm

$I_x = 77548.5 \text{ mm}^4$   $I_y = 501783.71 \text{ mm}^4$

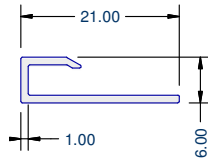
POLAR MI = 5793322.1 mm<sup>4</sup>



## WALLBOARD CAPPING

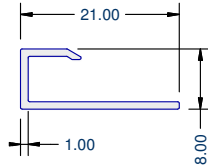
### UA1451 - NZ/AUS<sup>^</sup>

3MM CAPPING  
OAD = 21.00 x 6.00 mm  
W = 0.088 kg/m P = 67.1 mm  
 $I_x = 107.28 \text{ mm}^4$   $I_y = 1333.71 \text{ mm}^4$   
POLAR MI = 14409.9 mm<sup>4</sup>



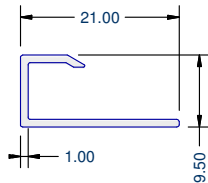
### UA1455 - NZ/AUS<sup>^</sup>

5MM CAPPING  
OAD = 21.00 x 8.00 mm  
W = 0.093 kg/m P = 71.1 mm  
 $I_x = 210.47 \text{ mm}^4$   $I_y = 1481.93 \text{ mm}^4$   
POLAR MI = 16924 mm<sup>4</sup>



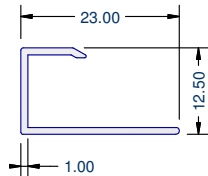
### UA1461 - NZ/AUS<sup>^</sup>

6.5MM CAPPING  
OAD = 21.00 x 9.50 mm  
W = 0.099 kg/m P = 74.9 mm  
 $I_x = 324.26 \text{ mm}^4$   $I_y = 1603.42 \text{ mm}^4$   
POLAR MI = 19276.8 mm<sup>4</sup>



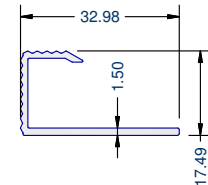
### UA1465 - NZ/AUS<sup>^</sup>

9.5MM CAPPING  
OAD = 23.00 x 12.50 mm  
W = 0.115 kg/m P = 86.9 mm  
 $I_x = 650.81 \text{ mm}^4$   $I_y = 2362.16 \text{ mm}^4$   
POLAR MI = 30129.7 mm<sup>4</sup>



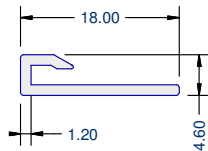
### UA1469 - NZ

12.5MM SERRATED CAP  
OAD = 32.98 x 17.49 mm  
W = 0.223 kg/m P = 123.9 mm  
 $I_x = 2293.94 \text{ mm}^4$   $I_y = 9474.83 \text{ mm}^4$   
POLAR MI = 117687.7 mm<sup>4</sup>



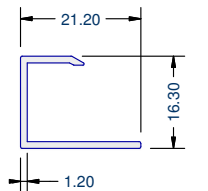
### UA1623 - NZ/AUS<sup>^</sup>

1.6MM CAPPING  
OAD = 18.00 x 4.60 mm  
W = 0.083 kg/m P = 53.8 mm  
 $I_x = 43.83 \text{ mm}^4$   $I_y = 924.55 \text{ mm}^4$   
POLAR MI = 9683.8 mm<sup>4</sup>



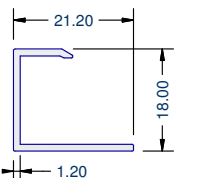
### UA1625 - NZ

12.5MM CAPPING  
OAD = 21.20 x 16.30 mm  
W = 0.148 kg/m P = 93.9 mm  
 $I_x = 3099.85 \text{ mm}^4$   $I_y = 1265.1 \text{ mm}^4$   
POLAR MI = 43649.5 mm<sup>4</sup>



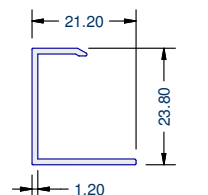
### UA1627 - NZ

14.5MM CAPPING  
OAD = 21.20 x 18.00 mm  
W = 0.152 kg/m P = 96 mm  
 $I_x = 3589.13 \text{ mm}^4$   $I_y = 1359.12 \text{ mm}^4$   
POLAR MI = 49482.5 mm<sup>4</sup>



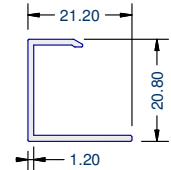
### UA1922 - NZ

20MM CAPPING  
OAD = 21.20 x 23.80 mm  
W = 0.173 kg/m P = 109 mm  
 $I_x = 6136.87 \text{ mm}^4$   $I_y = 1785.35 \text{ mm}^4$   
POLAR MI = 79222.2 mm<sup>4</sup>



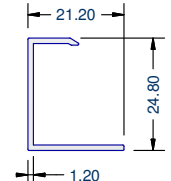
### UA3403 - NZ

18MM CAPPING  
OAD = 21.20 x 20.80 mm  
W = 0.163 kg/m P = 103 mm  
 $I_x = 4688.06 \text{ mm}^4$   $I_y = 1630.6 \text{ mm}^4$   
POLAR MI = 63186.6 mm<sup>4</sup>



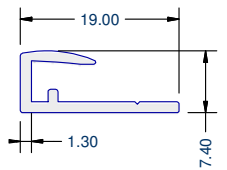
### UA3404 - NZ

22MM CAPPING  
OAD = 21.20 x 24.80 mm  
W = 0.176 kg/m P = 111 mm  
 $I_x = 6688.19 \text{ mm}^4$   $I_y = 1828.63 \text{ mm}^4$   
POLAR MI = 85168.2 mm<sup>4</sup>



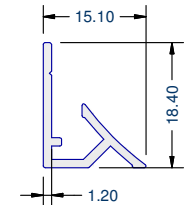
### UA3871 - NZ/AUS<sup>^</sup>

4.5MM AQUAPANEL CAP  
OAD = 19.00 x 7.40 mm  
W = 0.115 kg/m P = 69.7 mm  
 $I_x = 207.35 \text{ mm}^4$   $I_y = 1354.36 \text{ mm}^4$   
POLAR MI = 15617.1 mm<sup>4</sup>



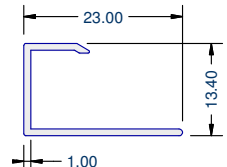
### UA3875 - NZ

4.5MM AQUAPANEL SCOTIA  
OAD = 15.10 x 18.40 mm  
W = 0.138 kg/m P = 86 mm  
 $I_x = 1693.93 \text{ mm}^4$   $I_y = 555.17 \text{ mm}^4$   
POLAR MI = 22491 mm<sup>4</sup>



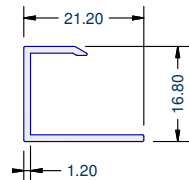
### UA4405 - NZ/AUS<sup>^</sup>

10MM CAPPING  
OAD = 23.00 x 13.40 mm  
W = 0.117 kg/m P = 88.7 mm  
 $I_x = 742.21 \text{ mm}^4$   $I_y = 2489.67 \text{ mm}^4$   
POLAR MI = 32318.8 mm<sup>4</sup>



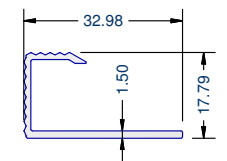
### UA4412 - NZ

13MM CAPPING  
OAD = 21.20 x 16.80 mm  
W = 0.15 kg/m P = 94.9 mm  
 $I_x = 3239.1 \text{ mm}^4$   $I_y = 1312.6 \text{ mm}^4$   
POLAR MI = 45517 mm<sup>4</sup>



### UA4414 - NZ

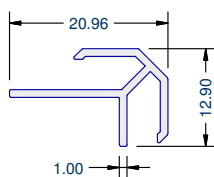
13MM SERRATED CAP  
OAD = 32.98 x 17.78 mm  
W = 0.224 kg/m P = 124.5 mm  
 $I_x = 2373.95 \text{ mm}^4$   $I_y = 9581.8 \text{ mm}^4$   
POLAR MI = 119557.5 mm<sup>4</sup>



## WALLBOARD EXTERNAL CORNERS

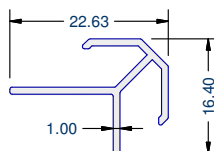
### UA1454 - NZ/AUS<sup>A</sup>

3MM EXT CORNER  
 OAD = 20.96 x 12.90 mm  
 W = 0.129 kg/m P = 97.1 mm  
 $I_x = 505.91 \text{ mm}^4$   $I_y = 1475.48 \text{ mm}^4$   
 POLAR MI = 19813.9 mm<sup>4</sup>



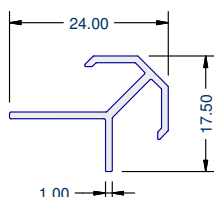
### UA1458 - NZ

5MM EXT CORNER  
 OAD = 22.63 x 16.40 mm  
 W = 0.14 kg/m P = 104.9 mm  
 $I_x = 799.04 \text{ mm}^4$   $I_y = 1796.81 \text{ mm}^4$   
 POLAR MI = 25958.5 mm<sup>4</sup>



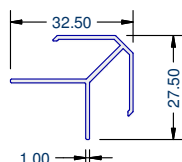
### UA1459 - NZ

6.5MM EXT CORNER  
 OAD = 24.00 x 17.50 mm  
 W = 0.148 kg/m P = 107.6 mm  
 $I_x = 880.75 \text{ mm}^4$   $I_y = 2189.1 \text{ mm}^4$   
 POLAR MI = 30698.5 mm<sup>4</sup>



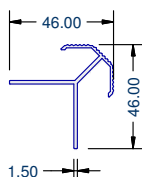
### UA1462 - NZ

9.5MM EXT CORNER  
 OAD = 32.50 x 27.50 mm  
 W = 0.242 kg/m P = 175.2 mm  
 $I_x = 4289.39 \text{ mm}^4$   $I_y = 6341.16 \text{ mm}^4$   
 POLAR MI = 106305.5 mm<sup>4</sup>



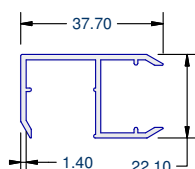
### UA1466 - NZ

12.5MM EXT SERRATED  
 OAD = 46.00 x 46.00 mm  
 W = 0.438 kg/m P = 232.3 mm  
 $I_x = 16964.51 \text{ mm}^4$   $I_y = 23272.8 \text{ mm}^4$   
 POLAR MI = 402373.1 mm<sup>4</sup>



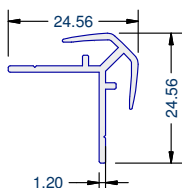
### UA2668 - NZ

16MM CORNER  
 OAD = 37.70 x 22.10 mm  
 W = 0.37 kg/m P = 201.6 mm  
 $I_x = 9140.59 \text{ mm}^4$   $I_y = 18938.11 \text{ mm}^4$   
 POLAR MI = 280787 mm<sup>4</sup>



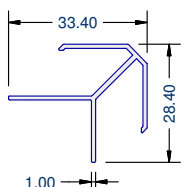
### UA3873 - NZ

4.5MM EXT AQUAPANEL  
 OAD = 24.56 x 24.56 mm  
 W = 0.216 kg/m P = 137.5 mm  
 $I_x = 2362.08 \text{ mm}^4$   $I_y = 3009.61 \text{ mm}^4$   
 POLAR MI = 53716.9 mm<sup>4</sup>



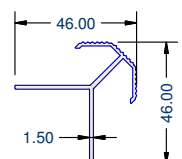
### UA4407 - NZ

10MM EXT CORNER  
 OAD = 33.40 x 28.40 mm  
 W = 0.246 kg/m P = 177.8 mm  
 $I_x = 4446.87 \text{ mm}^4$   $I_y = 7008.4 \text{ mm}^4$   
 POLAR MI = 114552.7 mm<sup>4</sup>



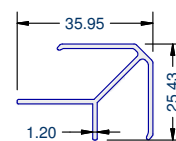
### UA4410 - NZ

13MM EXT SERRATED  
 OAD = 46.00 x 46.00 mm  
 W = 0.437 kg/m P = 231.8 mm  
 $I_x = 16584.21 \text{ mm}^4$   $I_y = 23643.47 \text{ mm}^4$   
 POLAR MI = 402276.8 mm<sup>4</sup>



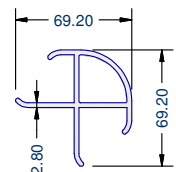
### UA5942 - NZ

12.5MM EXT CORNER  
 OAD = 35.95 x 25.43 mm  
 W = 0.306 kg/m P = 189 mm  
 $I_x = 6190.87 \text{ mm}^4$   $I_y = 11046.73 \text{ mm}^4$   
 POLAR MI = 172376 mm<sup>4</sup>



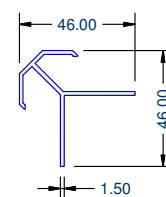
### UA6887 - NZ

23MM EXT CORNER  
 OAD = 69.20 x 69.20 mm  
 W = 1.641 kg/m P = 328.7 mm  
 $I_x = 178140.2 \text{ mm}^4$   $I_y = 178609.7 \text{ mm}^4$   
 POLAR MI = 3567499 mm<sup>4</sup>



### UA7828 - NZ

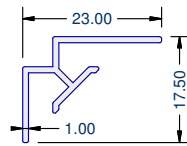
13MM EXTERNAL  
 OAD = 46.00 x 46.00 mm  
 W = 0.465 kg/m P = 228.1 mm  
 $I_x = 17412.94 \text{ mm}^4$   $I_y = 25863.63 \text{ mm}^4$   
 POLAR MI = 432765.7 mm<sup>4</sup>



## WALLBOARD INTERNAL CORNERS

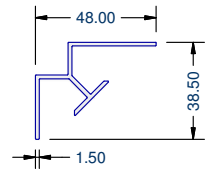
### UA1453 - NZ

3MM INT CORNER  
 OAD = 23.00 x 17.50 mm  
 W = 0.143 kg/m P = 107.4 mm  
 $I_x = 445.42 \text{ mm}^4$   $I_y = 2763.32 \text{ mm}^4$   
 POLAR MI = 32087.4 mm<sup>4</sup>



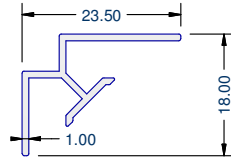
### UA7827 - NZ

13MM INTERNAL  
 OAD = 48.00 x 38.50 mm  
 W = 0.464 kg/m P = 227.9 mm  
 $I_x = 8015.1 \text{ mm}^4$   $I_y = 39976.99 \text{ mm}^4$   
 POLAR MI = 479920.9 mm<sup>4</sup>



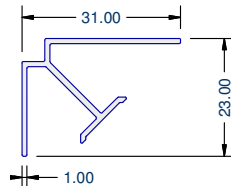
### UA1457 - NZ

5MM INT CORNER  
 OAD = 23.50 x 18.00 mm  
 W = 0.147 kg/m P = 110.2 mm  
 $I_x = 543.82 \text{ mm}^4$   $I_y = 2936.76 \text{ mm}^4$   
 POLAR MI = 34805.8 mm<sup>4</sup>



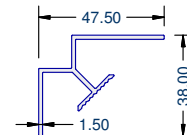
### UA1463 - NZ

9.5MM INT CORNER  
 OAD = 31.00 x 23.00 mm  
 W = 0.221 kg/m P = 158.6 mm  
 $I_x = 2681 \text{ mm}^4$   $I_y = 6719.01 \text{ mm}^4$   
 POLAR MI = 94000.1 mm<sup>4</sup>



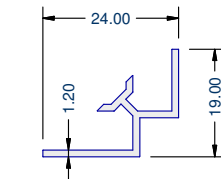
### UA1467 - NZ

12.5MM INT SERRATED  
 OAD = 47.50 x 38.00 mm  
 W = 0.449 kg/m P = 227.6 mm  
 $I_x = 7366.11 \text{ mm}^4$   $I_y = 38564.94 \text{ mm}^4$   
 POLAR MI = 459310.5 mm<sup>4</sup>



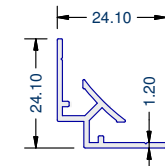
### UA1622 - NZ

6.5MM INT CORNER  
 OAD = 24.00 x 19.00 mm  
 W = 0.172 kg/m P = 109.1 mm  
 $I_x = 600.62 \text{ mm}^4$   $I_y = 3801.08 \text{ mm}^4$   
 POLAR MI = 44017 mm<sup>4</sup>



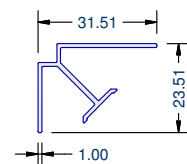
### UA3874 - NZ

4.5MM INT AQUAPANEL  
 OAD = 24.10 x 24.10 mm  
 W = 0.215 kg/m P = 134 mm  
 $I_x = 962.48 \text{ mm}^4$   $I_y = 5446.42 \text{ mm}^4$   
 POLAR MI = 64089 mm<sup>4</sup>



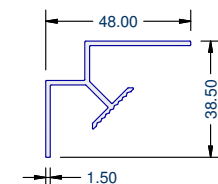
### UA4408 - NZ

10MM INT CORNER  
 OAD = 31.51 x 23.51 mm  
 W = 0.224 kg/m P = 160.7 mm  
 $I_x = 2822.74 \text{ mm}^4$   $I_y = 7078.52 \text{ mm}^4$   
 POLAR MI = 99012.6 mm<sup>4</sup>



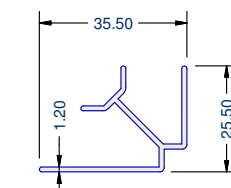
### UA4411 - NZ

13MM INT SERRATED  
 OAD = 48.00 x 38.50 mm  
 W = 0.453 kg/m P = 229.6 mm  
 $I_x = 7585.69 \text{ mm}^4$   $I_y = 39888.34 \text{ mm}^4$   
 POLAR MI = 474740.3 mm<sup>4</sup>



### UA5941 - NZ/AUS^

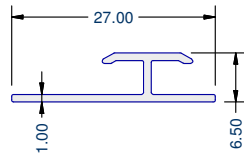
12.5MM INT CORNER  
 OAD = 35.50 x 25.50 mm  
 W = 0.297 kg/m P = 184.6 mm  
 $I_x = 5274.52 \text{ mm}^4$   $I_y = 11706.26 \text{ mm}^4$   
 POLAR MI = 169807.8 mm<sup>4</sup>



## WALLBOARD JOINTERS

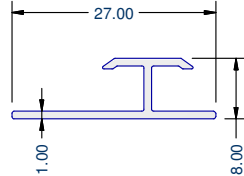
### UA1452 - NZ/AUS<sup>^</sup>

3MM JOINTER  
OAD = 27.00 x 6.50 mm  
W = 0.117 kg/m P = 87.3 mm  
 $I_x = 228.78 \text{ mm}^4$   $I_y = 1989.24 \text{ mm}^4$   
POLAR MI = 22180.2 mm<sup>4</sup>



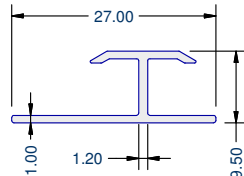
### UA1456 - NZ/AUS<sup>^</sup>

5MM JOINTER  
OAD = 27.00 x 8.00 mm  
W = 0.12 kg/m P = 90.3 mm  
 $I_x = 370.37 \text{ mm}^4$   $I_y = 2015.03 \text{ mm}^4$   
POLAR MI = 23854 mm<sup>4</sup>



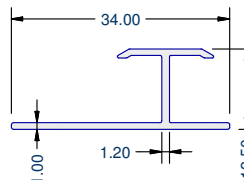
### UA1460 - NZ

6.5MM JOINTER  
OAD = 27.00 x 9.50 mm  
W = 0.134 kg/m P = 97 mm  
 $I_x = 616.36 \text{ mm}^4$   $I_y = 2088.42 \text{ mm}^4$   
POLAR MI = 27047.8 mm<sup>4</sup>



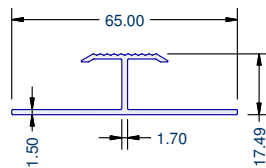
### UA1464 - NZ

9.5MM JOINTER  
OAD = 34.00 x 12.50 mm  
W = 0.165 kg/m P = 118.8 mm  
 $I_x = 1211.82 \text{ mm}^4$   $I_y = 4519.92 \text{ mm}^4$   
POLAR MI = 57317.4 mm<sup>4</sup>



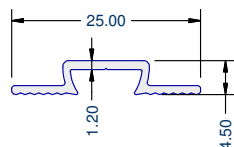
### UA1468 - NZ

12.5MM SERRATED JOINTER  
OAD = 65.00 x 17.49 mm  
W = 0.413 kg/m P = 211.3 mm  
 $I_x = 6627.26 \text{ mm}^4$   $I_y = 35772.06 \text{ mm}^4$   
POLAR MI = 423993.2 mm<sup>4</sup>



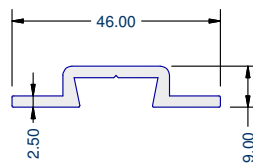
### UA1472 - NZ/AUS<sup>^</sup>

VARIABLE JOINTER  
OAD = 25.00 x 4.50 mm  
W = 0.098 kg/m P = 67.4 mm  
 $I_x = 88.03 \text{ mm}^4$   $I_y = 1623.33 \text{ mm}^4$   
POLAR MI = 17113.6 mm<sup>4</sup>



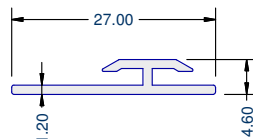
### UA1473 - NZ

PARTITION JOINTER  
OAD = 46.00 x 9.00 mm  
W = 0.416 kg/m P = 123.7 mm  
 $I_x = 1451.79 \text{ mm}^4$   $I_y = 24279.58 \text{ mm}^4$   
POLAR MI = 257313.7 mm<sup>4</sup>



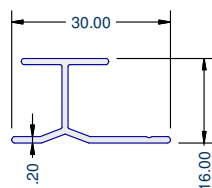
### UA1624 - NZ/AUS<sup>^</sup>

1.6MM JOINTER  
OAD = 27.00 x 4.60 mm  
W = 0.13 kg/m P = 83.2 mm  
 $I_x = 99.17 \text{ mm}^4$   $I_y = 2315.1 \text{ mm}^4$   
POLAR MI = 24142.7 mm<sup>4</sup>



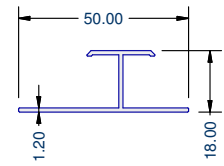
### UA1626 - NZ

12.5MM PINEX JOINTER  
OAD = 30.00 x 16.00 mm  
W = 0.19 kg/m P = 118.5 mm  
 $I_x = 2159.28 \text{ mm}^4$   $I_y = 4280.94 \text{ mm}^4$   
POLAR MI = 64402.2 mm<sup>4</sup>



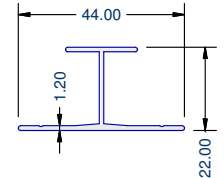
### UA1628 - NZ

14.5MM JOINTER  
OAD = 50.00 x 18.00 mm  
W = 0.276 kg/m P = 172.6 mm  
 $I_x = 5054.7 \text{ mm}^4$   $I_y = 14181.41 \text{ mm}^4$   
POLAR MI = 192361.1 mm<sup>4</sup>



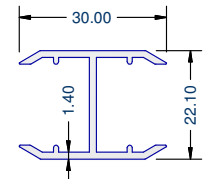
### UA1629 - NZ

18.5MM JOINTER  
OAD = 44.00 x 22.00 mm  
W = 0.274 kg/m P = 165 mm  
 $I_x = 8012.78 \text{ mm}^4$   $I_y = 9016.91 \text{ mm}^4$   
POLAR MI = 170296.9 mm<sup>4</sup>



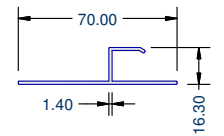
### UA2669 - NZ

16MM JOINTER  
OAD = 30.00 x 22.10 mm  
W = 0.308 kg/m P = 170.2 mm  
 $I_x = 9611.49 \text{ mm}^4$   $I_y = 6032.51 \text{ mm}^4$   
POLAR MI = 156440 mm<sup>4</sup>



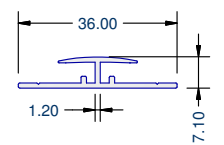
### UA3467 - NZ

12MM JOINTER OFFSET  
OAD = 70.00 x 16.30 mm  
W = 0.376 kg/m P = 201.1 mm  
 $I_x = 4320.62 \text{ mm}^4$   $I_y = 44056.1 \text{ mm}^4$   
POLAR MI = 483767.2 mm<sup>4</sup>



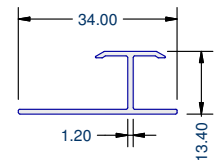
### UA3872 - NZ

4.5MM AQUAPANEL JOINTER  
OAD = 36.00 x 7.10 mm  
W = 0.187 kg/m P = 123.6 mm  
 $I_x = 432.82 \text{ mm}^4$   $I_y = 5019.49 \text{ mm}^4$   
POLAR MI = 54523.1 mm<sup>4</sup>



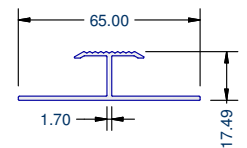
### UA4406 - NZ

10MM JOINTER  
OAD = 34.00 x 13.40 mm  
W = 0.168 kg/m P = 120.6 mm  
 $I_x = 1401.67 \text{ mm}^4$   $I_y = 4607.9 \text{ mm}^4$   
POLAR MI = 60095.7 mm<sup>4</sup>



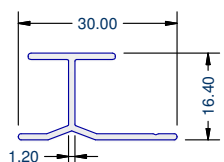
### UA4409 - NZ

13MM SERRATED JOINTER  
OAD = 65.00 x 17.49 mm  
W = 0.413 kg/m P = 211.3 mm  
 $I_x = 6627.26 \text{ mm}^4$   $I_y = 35772.06 \text{ mm}^4$   
POLAR MI = 423993.2 mm<sup>4</sup>



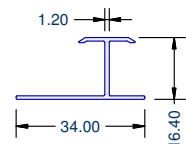
### UA4413 - NZ

13MM JOINTER  
OAD = 30.00 x 16.40 mm  
W = 0.191 kg/m P = 119.3 mm  
 $I_x = 2236.65 \text{ mm}^4$   $I_y = 4380.6 \text{ mm}^4$   
POLAR MI = 66172.5 mm<sup>4</sup>



### UA7829 - NZ

13MM JOINTER  
OAD = 34.00 x 16.40 mm  
W = 0.177 kg/m P = 126.6 mm  
 $I_x = 2068.68 \text{ mm}^4$   $I_y = 5037.23 \text{ mm}^4$   
POLAR MI = 71059.1 mm<sup>4</sup>



## WEATHER SEAL

### UA1310 - NZ

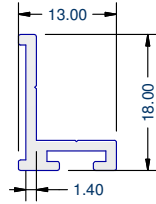
DRAFT EXCLUDER

OAD = 13.00 x 18.00 mm

W = 0.145 kg/m P = 74.7 mm

$I_x = 1809.48 \text{ mm}^4$   $I_y = 532.3 \text{ mm}^4$

POLAR MI = 23417.8 mm<sup>4</sup>



### UA1349 - NZ/AUS^

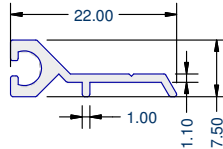
DRAFT EXCLUDER

OAD = 22.00 x 7.50 mm

W = 0.123 kg/m P = 72 mm

$I_x = 147.29 \text{ mm}^4$   $I_y = 1861.69 \text{ mm}^4$

POLAR MI = 20089.8 mm<sup>4</sup>



### UA1438 - NZ

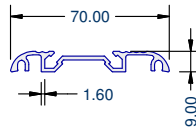
THRESHOLD

OAD = 70.00 x 9.00 mm

W = 0.528 kg/m P = 238.6 mm

$I_x = 1317.9 \text{ mm}^4$   $I_y = 91030.46 \text{ mm}^4$

POLAR MI = 923483.6 mm<sup>4</sup>



### UA1521 - NZ

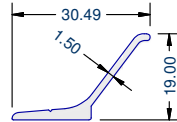
DOOR SEAL TOP

OAD = 30.49 x 19.00 mm

W = 0.196 kg/m P = 80.4 mm

$I_x = 395.1 \text{ mm}^4$   $I_y = 6615.65 \text{ mm}^4$

POLAR MI = 70107.5 mm<sup>4</sup>



### UA1522 - NZ

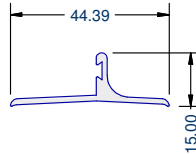
DOOR SEAL BOTTOM

OAD = 44.39 x 15.00 mm

W = 0.288 kg/m P = 116.9 mm

$I_x = 1345.23 \text{ mm}^4$   $I_y = 11811.35 \text{ mm}^4$

POLAR MI = 131565.8 mm<sup>4</sup>



### UA2399 - NZ

THRESHOLD

OAD = 80.04 x 19.00 mm

W = 0.589 kg/m P = 328.5 mm

$I_x = 6828.62 \text{ mm}^4$   $I_y = 135720.9 \text{ mm}^4$

POLAR MI = 1425495.2 mm<sup>4</sup>

