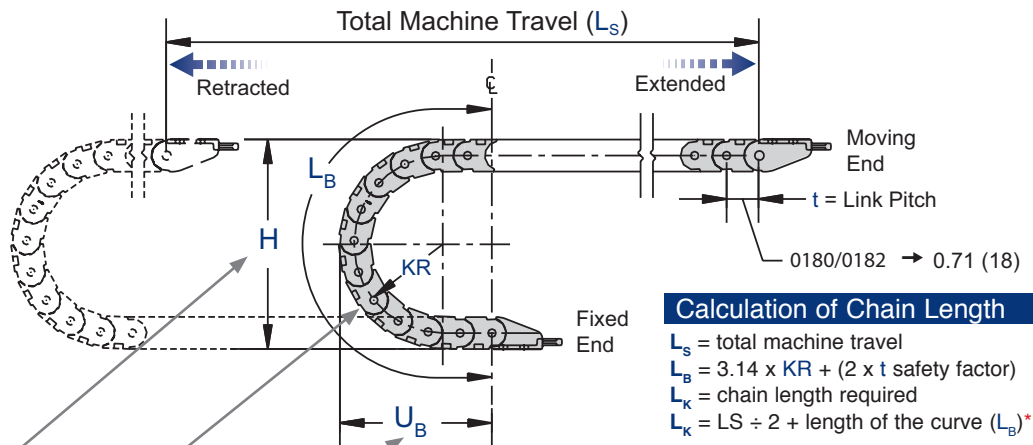




## GENERAL DATA

BASIC-LINE

|                                                                                                                                                                                                                                                  |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>E</b>                                                                                                                                                                                                                                         | <b>CONOMIC</b> |
| <b>V</b>                                                                                                                                                                                                                                         | <b>ALUE</b>    |
| <b>A</b>                                                                                                                                                                                                                                         | <b>DDED</b>    |
| <b>4</b>                                                                                                                                                                                                                                         |                |
| A product group's EVA score is a general indicator that allows a customer to quickly and easily compare a product group's basic price, features, capabilities and value relative to other comparably sized products within the KS product range. |                |
| Download 3D CAD files, videos, updated product info & much more at:<br><a href="http://www.kabelschlepp.com/microtrak.htm">www.kabelschlepp.com/microtrak.htm</a>                                                                                |                |



### Calculation of Chain Length

$L_s$  = total machine travel  
 $L_B = 3.14 \times KR + (2 \times t \text{ safety factor})$   
 $L_K$  = chain length required  
 $L_K = L_s \div 2 + \text{length of the curve } (L_B)^*$   
*\* Assumes the Fixed Point is located at the Center of the Total Machine Travel.*

Dimensions in  
inches (mm)

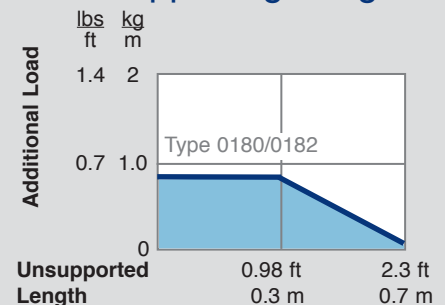
## Technical Data

| Series    | Mounting Height | Bend Radius  | Depot          | Loop Length    |
|-----------|-----------------|--------------|----------------|----------------|
| 0180/0182 | H               | KR           | U <sub>B</sub> | L <sub>B</sub> |
| Option A  | 2.91<br>(74)    | 1.10<br>(28) | 2.17<br>(55)   | 4.88<br>(124)  |
| Option B* | 3.62<br>(92)    | 1.46<br>(37) | 2.52<br>(64)   | 6.02<br>(153)  |
| Option C  | 4.65<br>(118)   | 1.97<br>(50) | 3.03<br>(77)   | 7.64<br>(194)  |

! \* 0180.10 is only available in bend radii KR 28 and KR 50



## Self-Supporting Lengths



### Extended Travel:

When application travel exceeds the self-supporting length of the carrier, MICROTRAK carrier systems are designed to glide on themselves in a guide channel.



For more information on extended travel systems, see pages 02.27 - 02.36.

## How To Order

1-800-443-4216

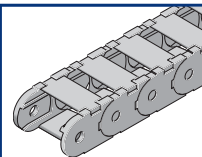
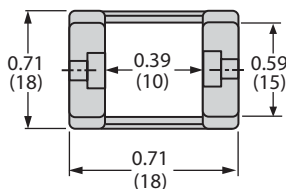
Number of Systems Req. x Carrier Type + Cavity Width + Bend Radius x # of Links + Type & Position Brackets + Dividers (#vert / #horz)  
 50 x 0180 + 30 KR 28 x 42 Links + FI/MA + not available for MICROTRAK

### Non-Opening - available widths

### Series 0182

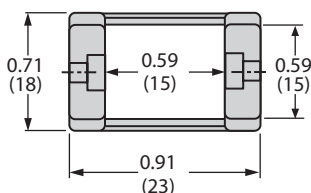
#### 0182.10

Chain Weight:  
0.15 lbs/ft  
(0.23 kg/m)



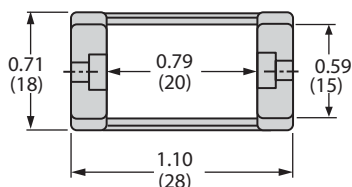
#### 0182.15

Chain Weight:  
0.16 lbs/ft  
(0.24 kg/m)



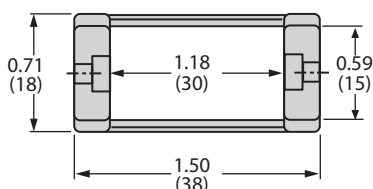
#### 0182.20

Chain Weight:  
0.17 lbs/ft  
(0.25 kg/m)



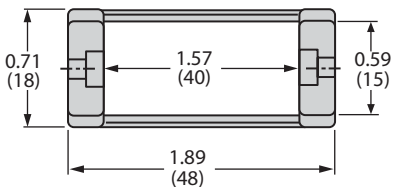
#### 0182.30

Chain Weight:  
0.19 lbs/ft  
(0.28 kg/m)



#### 0182.40

Chain Weight:  
0.20 lbs/ft  
(0.30 kg/m)



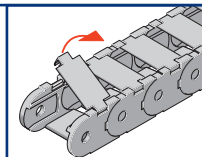
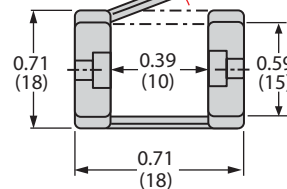
### Snap-Opening Links - available widths

### Series 0180

#### 0180.10

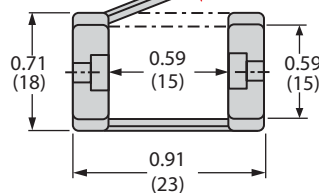
Chain Weight:  
0.15 lbs/ft  
(0.23 kg/m)

**Note: 0180.10 is only available in bend radii KR28 and KR50.**



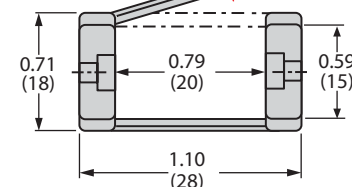
#### 0180.15

Chain Weight:  
0.16 lbs/ft  
(0.24 kg/m)



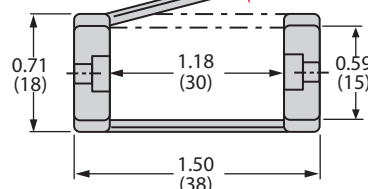
#### 0180.20

Chain Weight:  
0.17 lbs/ft  
(0.25 kg/m)



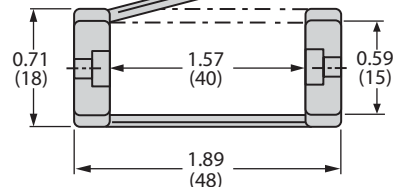
#### 0180.30

Chain Weight:  
0.19 lbs/ft  
(0.28 kg/m)

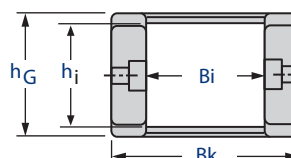


#### 0180.40

Chain Weight:  
0.20 lbs/ft  
(0.30 kg/m)



**Note:**  
For drawings and dimensions of available Mounting Bracket options:  
See page 05.08.



$B_k$  = Outer Width  
 $B_i$  = Inner Width  
 $h_G$  = Outer Height  
 $h_i$  = Inner Height



Series

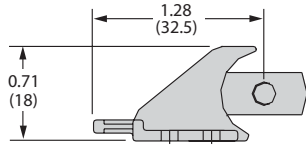
## 0180/0182 Strain Relief Mounting Brackets

BASIC-LINE

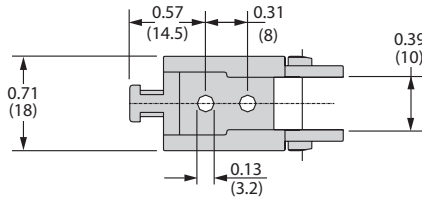
05 MONO - MICROTRAK

### Fixed End Bracket - with pin

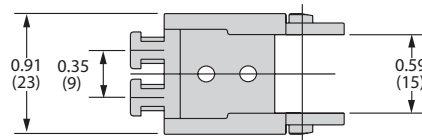
**0180/82**  
Fixed End



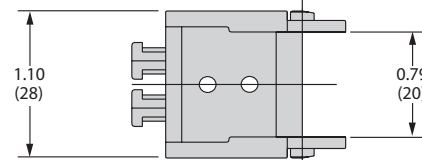
**0180/82.10**  
PN: 52309



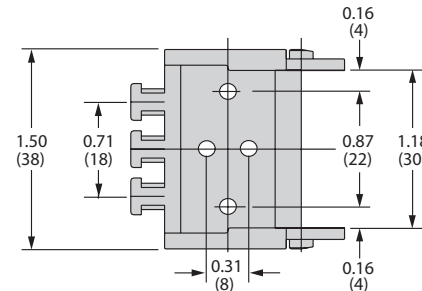
**0180/82.15**  
PN: 52311



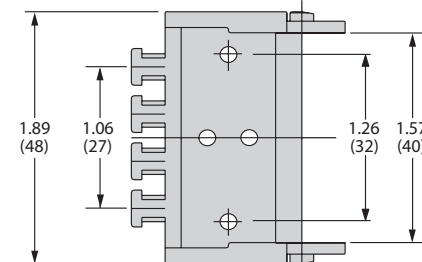
**0180/82.20**  
PN: 52313



**0180/82.30**  
PN: 52315

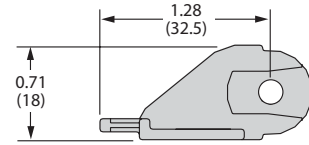


**0180/82.40**  
PN: 52317

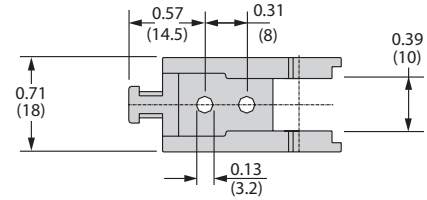


### Moving End Bracket - with hole

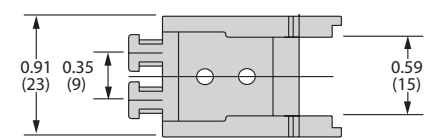
**0180/0182**  
Moving End



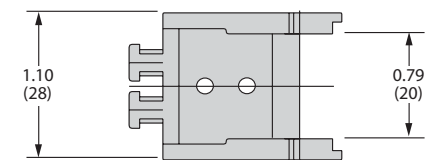
**0180/82.10**  
PN: 52308



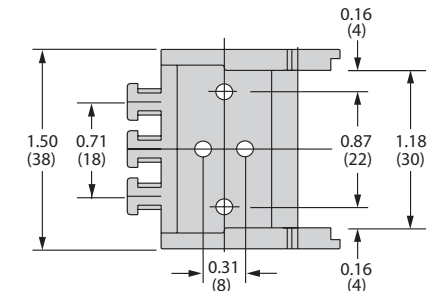
**0180/82.15**  
PN: 52310



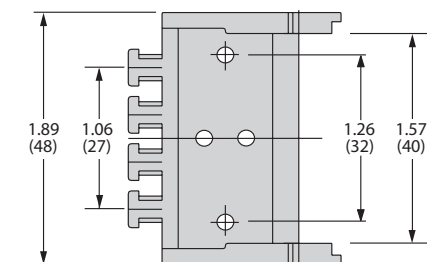
**0180/82.20**  
PN: 52312



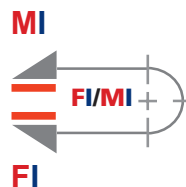
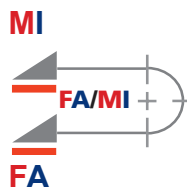
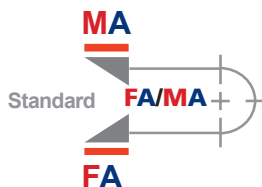
**0180/82.30**  
PN: 52314



**0180/82.40**  
PN: 52316



#### Fixed End Bracket



**M** = Moving End  
**F** = Fixed End  
**A** = O.D. Mount  
**I** = I.D. Mount  
**—** = Mounting Surface

#### Moving End Bracket



A full-page view of a blank sheet of graph paper. The grid consists of thin, light gray horizontal and vertical lines forming small squares across the entire page. There are no margins, text, or other markings on the paper.