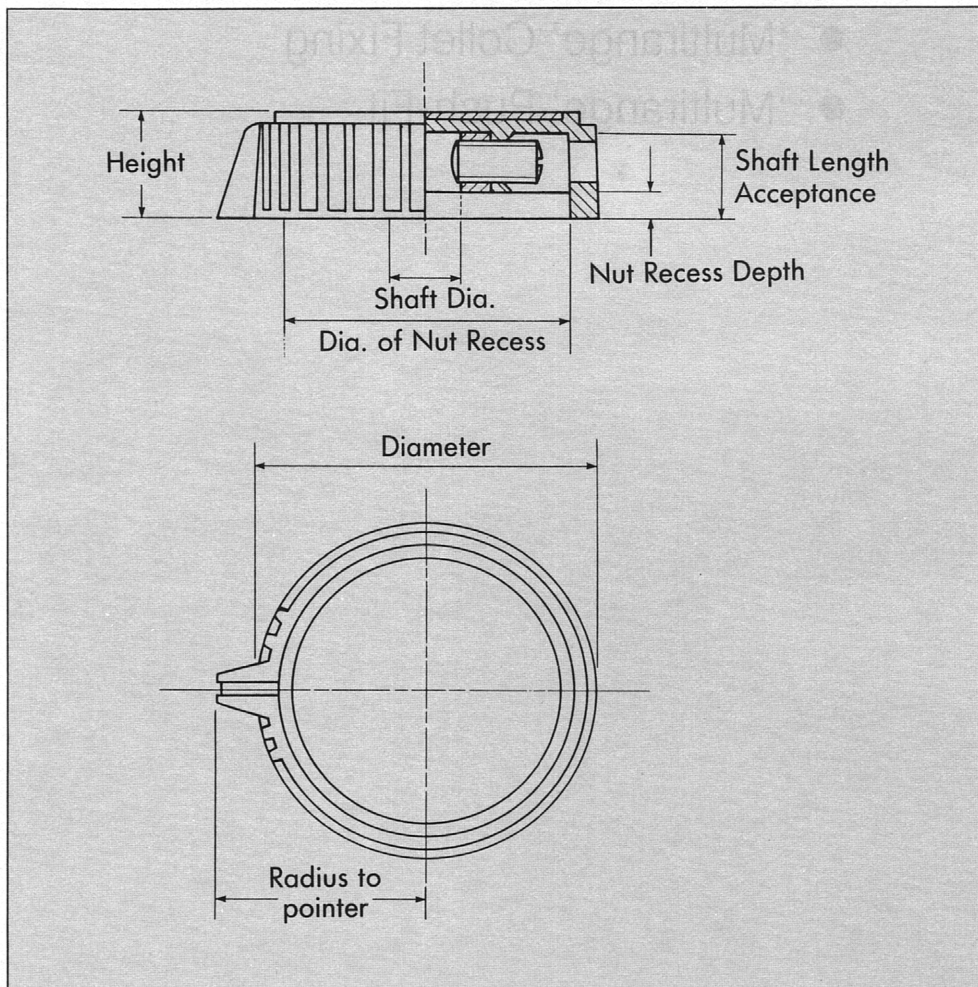


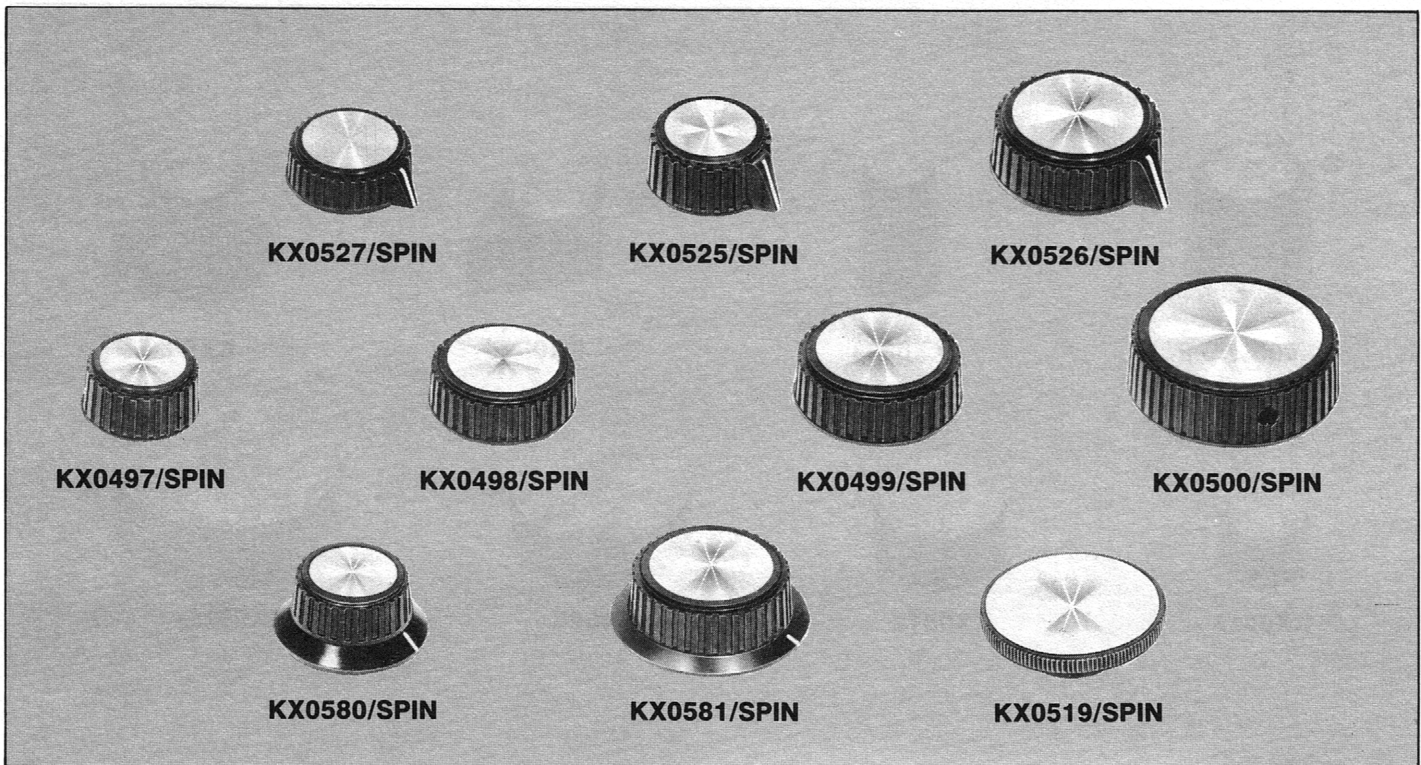
KNOBS

- Grub Screw Fixing
- Collet Fixing
- 'Multirange' Collet Fixing
- 'Multirange' Push-Fit



The diagram shown below, gives an explanation of the information boxes on pages 180-186.





Aluminium Decor Discs: /SPIN (polished finish) or /SATIN (matt finish) please state which.

• Other shaft sizes, colours & indicator lines (/IL) may be available, please enquire.

Materials:-

Mouldings: Phenolic.

Inserts: Brass nickel plated.

Grub Screws: Steel.

**KX0527/SPIN • KX0525/SPIN •
KX0526/SPIN • KX0497/SPIN •
KX0498/SPIN • KX0499/SPIN •
KX0500/SPIN • KX0580/SPIN •
KX0581/SPIN • KX0519/SPIN •**

Colour: Black.

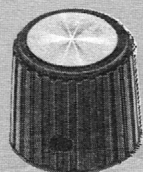
Fixing: Slotted head grub screws (allen key screws to order).

List No.	Ø	Height	Shaft		Nut Recess		Radius to Pointer
			Ø	Length	Ø	Depth	
KX0497	14.7	9.9	6.4	7.9	—	—	—
KX0498	20.6	9.9	6.4	7.9	16.3	1.6	—
KX0499	28.6	9.9	6.4	7.9	17.5	1.6	—
KX0500	36.5	11.1	6.4	8.7	25.0	2.4	—
KX0519	31.8	9.9	6.4	7.1	—	—	—
KX0525	28.6	9.9	6.4	7.9	24.2	1.6	18.3
KX0526	36.5	11.1	6.4	8.7	25.0	2.4	22.2
KX0527	20.6	9.9	6.4	7.9	12.7	1.6	14.3
KX0580	27.0	12.7	6.4	10.3	19.8	2.4	—
KX0581	34.9	12.3	6.4	11.1	17.5	1.6	—



KNOBS

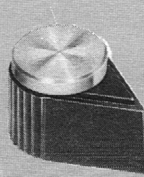
Grub Screw Fixing Cont.



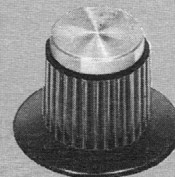
KX0600/SPIN



KX0521



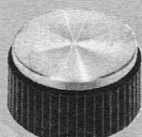
KX0515



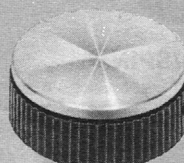
KX0516



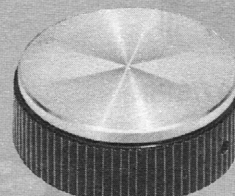
KX0513



KX0512



KX0528



KX0529

KX0600/SPIN • KX0521 • KX0515 • KX0516 • KX0513 • KX0512 • KX0528 • KX0529

Colour: Black.

Fixing: Slotted head grub screws (allen key screws to order).

Aluminium Decor Discs: /SPIN (polished finish). KX0600; choice of /SPIN or /SATIN (matt finish) please state which.

• Other shaft sizes, colours & indicator lines (/IL) may be available, please enquire.

Materials:-

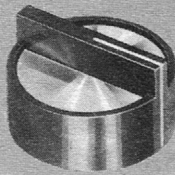
Mouldings: Phenolic.

Inserts: Brass nickel plated.

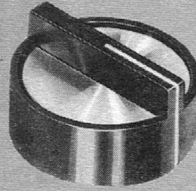
Grub Screws: Steel.

List No.	Ø	Height	Shaft		Nut Recess		Radius to Pointer
			Ø	Length	Ø	Depth	
KX0512	31.8	17.1	6.4	12.7	25.8	3.2	—
KX0513	18.3	16.3	6.4	11.1	15.1	0.79	—
KX0515	—	15.9	6.4	11.1	13.1	2.8	18.7
KX0516	28.6	20.2	6.4	15.5	17.5	1.6	—
KX0528	44.5	17.1	6.4	12.7	36.1	3.2	—
KX0529	56.4	20.2	6.4	11.9	47.2	2.4	—
KX0521	14.3	27.4	6.4	23.8	—	—	—
KX0600	21.4	19.1	6.4	16.7	16.3	2.4	—

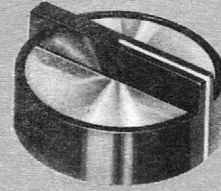
Grub Screw Fixing Cont.



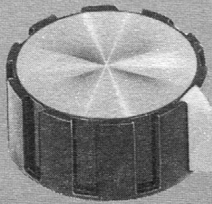
KX0491/SPIN



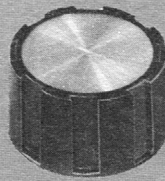
KX0493/SPIN



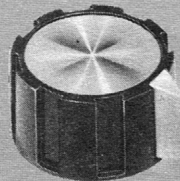
KX0492/SPIN



KX0605/SPIN
with PNo 11990/Col. fitted



KX0604/SPIN



KX0604/SPIN
with PNo 11990/Col. fitted



KX0603/SPIN
with PNo 11990/Col. fitted

Fixing: Slotted head grub screws (allen key screws to order).

Aluminium Decor Discs: /SPIN (polished finish) or /SATIN (matt finish) please state which.

• Other shafts, colours & indicator lines (/IL) may be available, please enquire.

Materials:-

Mouldings: Phenolic.

Inserts: Brass nickel plated.

Grub Screws: Steel.

**KX0491/SPIN • KX0493/SPIN •
KX0492/SPIN • KX0605/SPIN •
KX0604/SPIN • KX0603/SPIN •**

Colour: Black.

• **KX0603, KX0604, KX0605** may be fitted with optional pointer.
Order pointer separately as **PNo 11990/Colour**. Colours available, black (/BLK), white (/WH), green (/GN) & red (/RD) e.g. **PNo11990/RD**.

List No.	Ø	Height	Shaft		Nut Recess		Radius to Pointer
			Ø	Length	Ø	Depth	
KX0491	29.0	17.5	6.4	9.5	25.4	2.4	—
KX0492	36.9	17.5	6.4	9.5	27.0	2.4	—
KX0493	32.5	17.5	6.4	9.5	20.2	2.4	—
KX0603	19.8	15.9	6.4	12.7	16.7	1.6	—
KX0603 with PNo11990	19.8	15.9	6.4	12.7	16.7	1.6	13.5
KX0604	26.2	15.9	6.4	12.7	20.2	1.6	—
KX0604 with PNo 11990	26.2	15.9	6.4	12.7	20.2	1.6	17.1
KX0605	33.7	15.9	6.4	12.7	27.8	1.6	—
KX0605 with PNo 11990	33.7	15.9	6.4	12.7	27.8	1.6	20.2



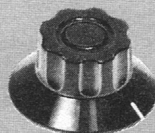
KX0606



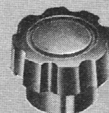
KX0607



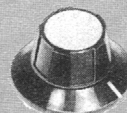
KX0608



KX0438

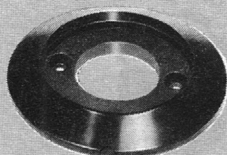


KX0111



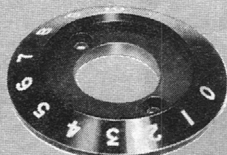
KX0610

Plain

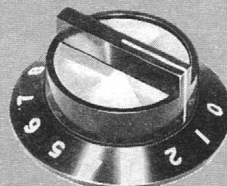


KX0371/1

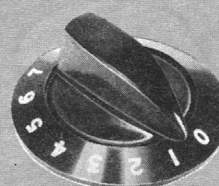
0-10 over 250°



KX0372



KX0493 & KX0372



KX0370 & KX0372

KX0606 • KX0607 • KX0608 •
KX0438 • KX0111 • KX0610 •
KX0371/1 Plain • KX0372 0-10 over 250° •
KX0493 & KX0372 • KX0370 • KX0372 •

Colour: Black.

Fixing: Slotted head grub screws (allen key screws to order).

Aluminium Decor Discs: KX0493/SPIN (polished finish) or /SATIN (matt finish) please state which.

KX0610/SATIN (matt finish) only.

• Other shafts, colours & indicator lines (/IL) may be available, please enquire.

Materials:-

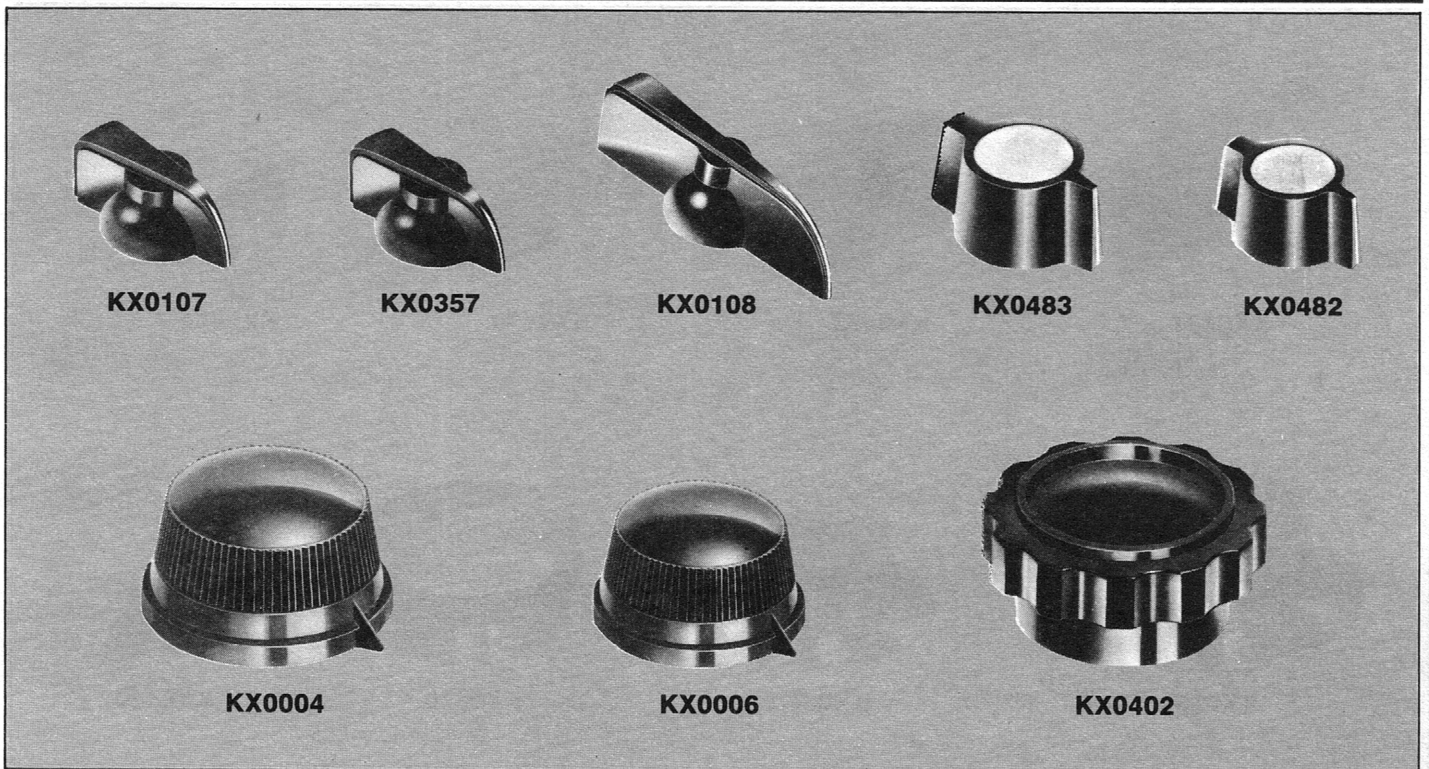
Mouldings: Phenolic except KX0606-KX0608 & KX0610 thermoplastic.

Inserts: Brass nickel plated.

Grub Screws: Steel.

List No.	Ø	Height	Shaft		Nut Recess		Radius to Pointer
			Ø	Length	Ø	Depth	
KX0111	19.1	12.7	6.4	11.1	—	—	—
KX0438	25.4	11.9	6.4	10.7	17.5	2.4	—
KX0371/1	47.6	6.0	—	—	—	—	—
KX0372	47.6	6.0	—	—	—	—	—
KX0370 & KX0372 Order as separate items	47.6	17.5	6.4	12.8	18.3	3.2	—
KX0493 & KX0372 Order as separate items	47.6	20.8	6.4	13.1	18.3	5.6	—
KX0610	22.6	11.5	6.4	9.5	15.9	2.0	—
KX0606	14.0	16.5	6.4	8.9	11.0	2.4	—
KX0607	21.0	20.3	6.4	9.3	17.5	2.8	—
KX0608	28.1	24.1	6.4	22.6	24.5	2.8	—

Grub Screw Fixing Cont.



Colour: Black.

Fixing: Slotted head grub screws (allen key screws to order).

Aluminium Decor Discs: KX0483 & KX0482/SATIN (matt finish) only.

• Other shaft sizes & colours may be available, please enquire.

Materials:-

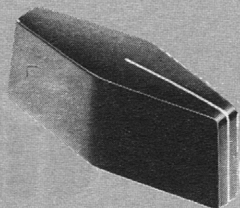
Mouldings: Phenolic.

Inserts: Brass nickel plated.

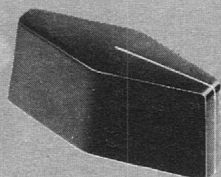
Grub Screws: Steel.

KX0107 • KX0357 • KX0108 •
KX0483 • KX0482 • KX0004 •
KX0006 • KX0402

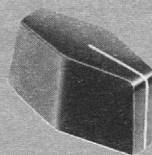
List No.	Ø	Height	Shaft		Nut Recess		Radius to Pointer
			Ø	Length	Ø	Depth	
KX0107	—	12.7	6.4	9.5	14.3	1.6	15.9
KX0357	—	15.9	6.4	11.9	15.9	2.4	15.9
KX0108	—	15.9	6.4	12.3	15.9	2.4	28.6
KX0483	—	19.1	6.4	14.7	23.1	2.4	20.6
KX0482	—	15.9	6.4	11.9	17.1	2.4	15.9
KX0004	38.1	20.6	6.4	17.1	30.1	4.3	22.2
KX0006	28.6	15.9	6.4	12.7	20.6	3.2	17.5
KX0402	41.3	19.8	6.4	16.7	17.5	2.4	—



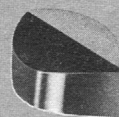
KX0431



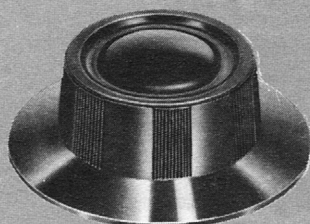
KX0432



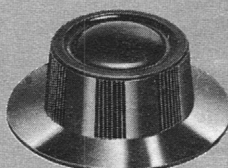
KX0430



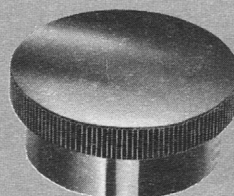
KX0444



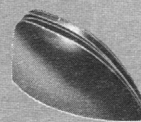
KX0361



KX0360



KX0070



KX0420

KX0431 • KX0432 • KX0430 •
KX0444 • KX0361 • KX0360 •
KX0070 • KX0420

Colour: Black.

Fixing: Slotted head grub screws (allen key screws to order).

• Other shaft sizes, colours & indicator lines (**IL**) may be available, please enquire.

Materials:-

Mouldings: Phenolic.

Inserts: Brass nickel plated.

Grub Screws: Steel.

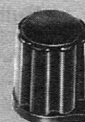
List No.	Ø	Height	Shaft		Nut Recess		Radius to Pointer
			Ø	Length	Ø	Depth	
KX0431	—	19.1	6.4	16.7	—	—	25.4
KX0432	—	19.1	6.4	16.7	—	—	22.2
KX0430	—	15.9	6.4	11.1	—	—	15.9
KX0444	20.6	11.1	6.4	8.7	17.8	1.6	15.9
KX0361	52.4	19.1	6.4	15.9	18.8	3.2	—
KX0360	38.1	15.1	6.4	12.7	21.8	3.2	—
KX0070	38.1	15.9	6.4	11.8	29.4	2.8	—
KX0420	—	14.3	6.4	9.5	10.7	0.8	15.9



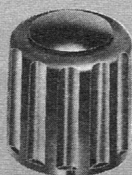
KX0522



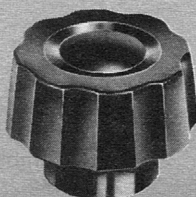
KX0522/Arrow



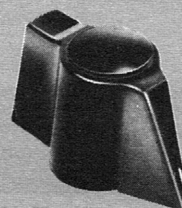
KX0523



KX0463



KX0460



KX0464

Colour: Black.

Fixing: Collet, cap removes for access to slotted head screw.

• Other shaft sizes, colours & indicator lines (/IL) may be available, please enquire.

Materials:-

Mouldings: Thermoplastic.

Collet: Aluminium-black anodised.

Insert: Brass-unplated.

**KX0522 • KX0522/Arrow • KX0523 •
KX0463 • KX0460 • KX0464 •**

List No.	Ø	Height	Shaft		Nut Recess		Radius to Pointer
			Ø	Length	Ø	Depth	
KX0522 KX0522/Arrow	13.5	16.7	6.4	6.8	—	—	—
KX0523	13.5	16.7	6.4	6.8	—	—	8.7
KX0463	22.2	24.6	6.4	10.8	19.1	1.8	—
KX0460	32.9	24.6	6.4	7.9	—	—	—
KX0464	—	24.2	6.4	10.8	17.1	1.6	20.0



All Knobs are supplied without caps. Caps and all other accessories should be ordered separately

Materials:—

Gloss/Matt Finish: Polyamide

Metallic: ABS galvanically.
Nickel plated.

Transparent Dials: SAN

Collets, Sleeves & Nuts: Brass 58

- Surface of screws & washers protected against corrosion.

Temperature:

For normal mechanical stress:

–20° to +70°C.

Multirange

Knobs have preloaded collets! No screws have to be loosened before fitting, push on and tighten only.

• Free-drive screws

Multirange knobs are mounted with free-drive screws. These screws are a combination of ordinary one-slot screws and Philips cross-slot screws.

Torque Collet Ø	Knob Ø	Assembly torque cm/kg	Operation torque cm/kg
3, 3.2, 4	8-10	3	3
3, 3.2, 4	15-45	8	6
6, 6.3	15-45	18	16
8	28-45	30	20
10	28-45	35	25

Part No.	Ø	Height	Ø	Length	Ø	Radius to Foot for
KX0822	13.5	16.5	6.4	6.5	—	—
KX0823	13.5	16.5	6.4	9.5	—	8.5
KX0827	22.5	24.5	6.4	10.5	18.1	—
KX0830	32.5	24.5	6.4	7.5	—	—
KX0834	—	24.5	6.4	10.5	17.1	20.0