



MICROTRAK

Smallest
plastic cable carrier system



KABELSCHLEPP

Key Features:

- Our smallest cable carriers for smooth and quiet operation in tight spaces
- End brackets with integral strain relief
- Light weight and rugged fiber-reinforced nylon material
- Simple snap-together links make assembly and modifications to chain length effortless
- Links are available with hinged-opening cavity lids for quick and simple installation of cables and hoses (0130/0180)
- Economical non-opening links are also available (0132/0182)
- Most sizes are available immediately from stock throughout the world



Toll Free: 1.888.822.2024
Email: info@ipandc.com

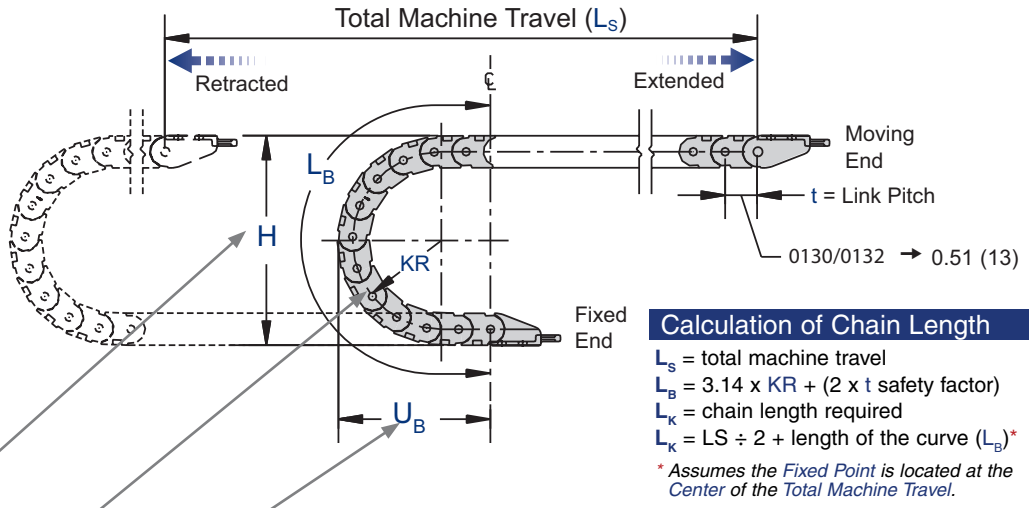
Fax: 1.519.822.2140
Web: www.ipandc.com



MICROTRAK 5

GENERAL DATA

E	CONOMIC
V	ALUE
A	DEED
4	
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: www.kabelschlepp.com/microtrak.htm	



Dimensions in inches (mm)

Technical Data

Series	Mounting Height H	Bend Radius KR	Depot U_B	Loop Length L_B
0130/0132				
Option A*	2.07 (52.5)	0.79 (20)	1.57 (40)	3.50 (89)
Option B	2.70 (68.5)	1.10 (28)	1.89 (48)	4.49 (114)
Option C	3.41 (86.5)	1.46 (37)	2.24 (57)	5.59 (142)



! * 0130.40 is only available in bend radius KR20.

Self-Supporting Lengths

Additional Load	lbs	kg
1.1	1.5	
0.7	1.0	
0.4	0.5	
0	0	

Unsupported Length

Unsupported Length	1.64 ft	3.28 ft
	0.5 m	1.0 m

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 2.27-2.36



Number of Systems Req.	x	Carrier Type	+	Cavity Width (B _i)	+	Bend Radius	x	# of Links Length	+	Type & Position Brackets	+	Dividers (#vert / #horz)
4	x	0132	+	06	+	KR 20	x	100 Links	+	F1/MA	+	not available for MICROTRAK

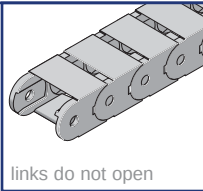
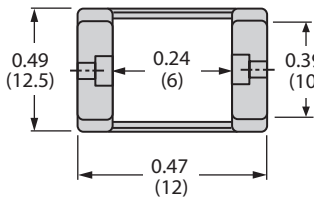
Specifications are subject to change without notice.
KS-1106-GC-A

Series 0132

Non-Opening Links - available widths

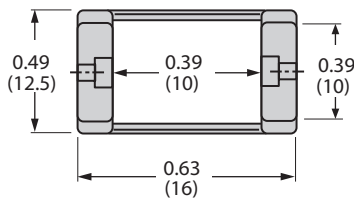
0132.06

Chain Weight:
0.09 lbs/ft
(0.13 kg/m)



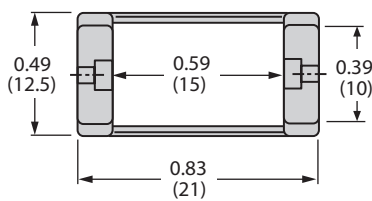
0132.10

Chain Weight:
0.09 lbs/ft
(0.14 kg/m)



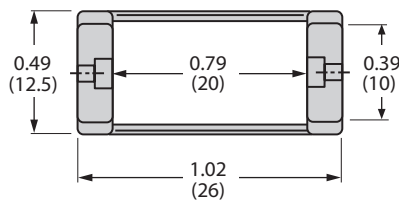
0132.15

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



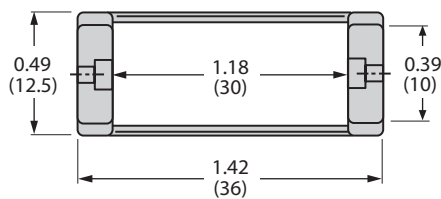
0132.20

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



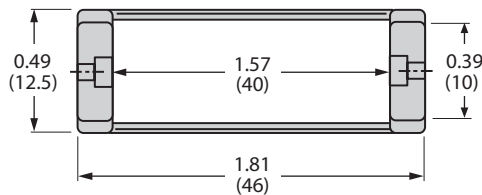
0132.30

Chain Weight:
0.12 lbs/ft
(0.18 kg/m)



0132.40

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

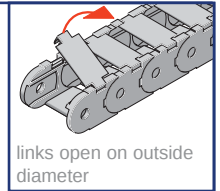
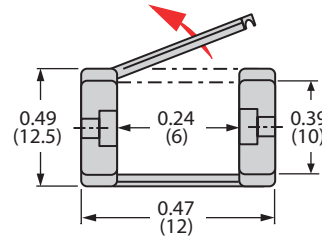


Series 0130

Snap-Opening Links - available widths

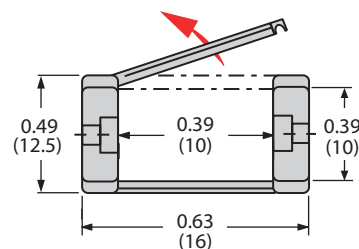
0130.06

Chain Weight:
0.09 lbs/ft
(0.13 kg/m)



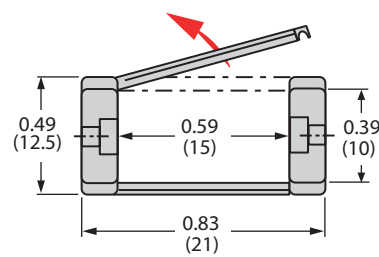
0130.10

Chain Weight:
0.09 lbs/ft
(0.14 kg/m)



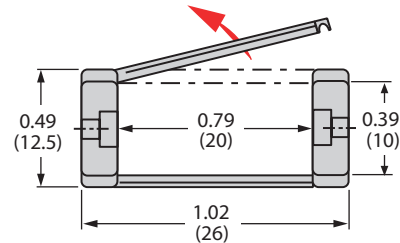
0130.15

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



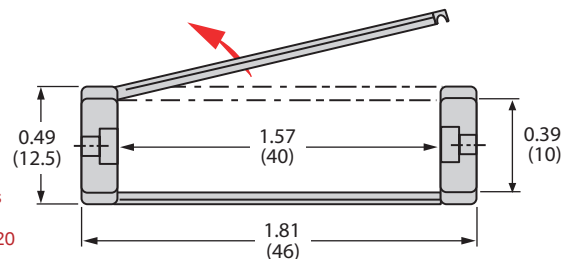
0130.20

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

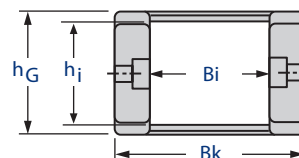


0130.40

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



Note: 0130.40 is only available in bend radius KR20



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

Note:

For drawings and dimensions of available Mounting Bracket options:
See page 5.4





Series

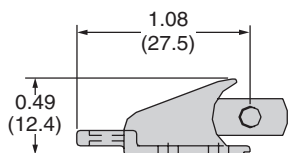
0130/0132 Strain Relief Mounting Brackets

MICROTRAK

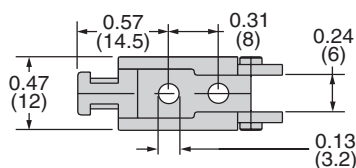
5

Fixed End Bracket - with pin

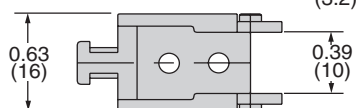
0130/0132
Fixed End



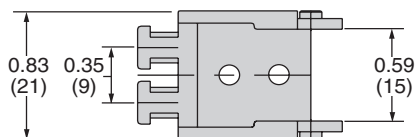
0130/32.06
PN: 52301



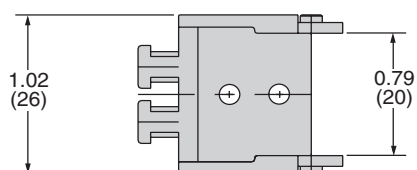
0130/32.10
PN: 52303



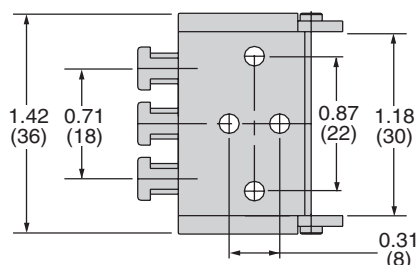
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PN: 52305



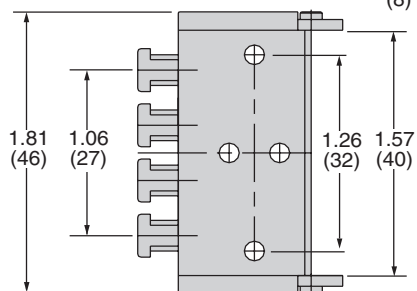
0130/32.20
PN: 52307



0132.30
PN: 53376

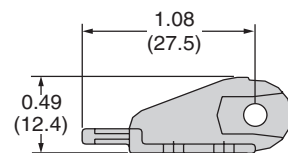


0130/32.40
PN: 53378

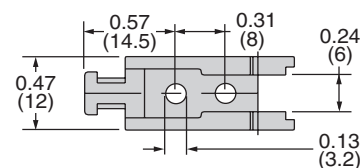


Moving End Bracket - with hole

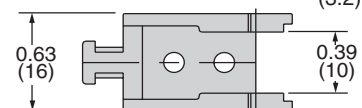
0130/0132
Moving End



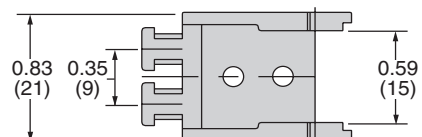
0130/32.06
PN: 52300



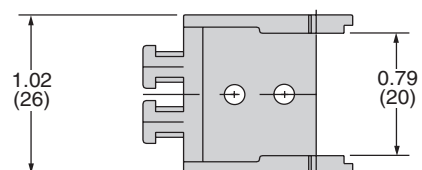
0130/32.10
PN: 52302



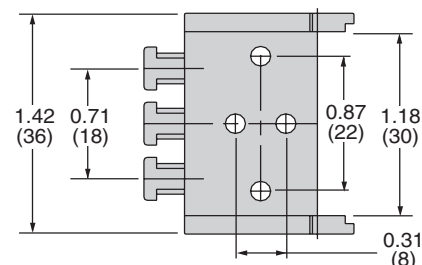
0130/32.15
PN: 52304



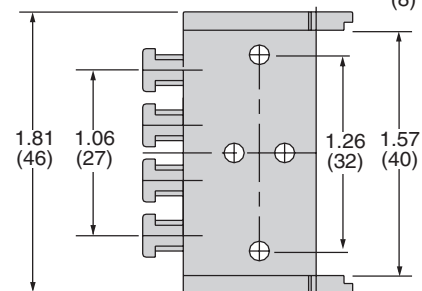
0130/32.20
PN: 52306



0132.30
PN: 53377



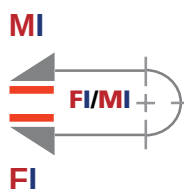
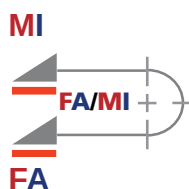
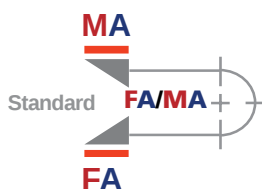
0130/32.40
PN: 53379



Fixed End Bracket



MALE



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

Moving End Bracket



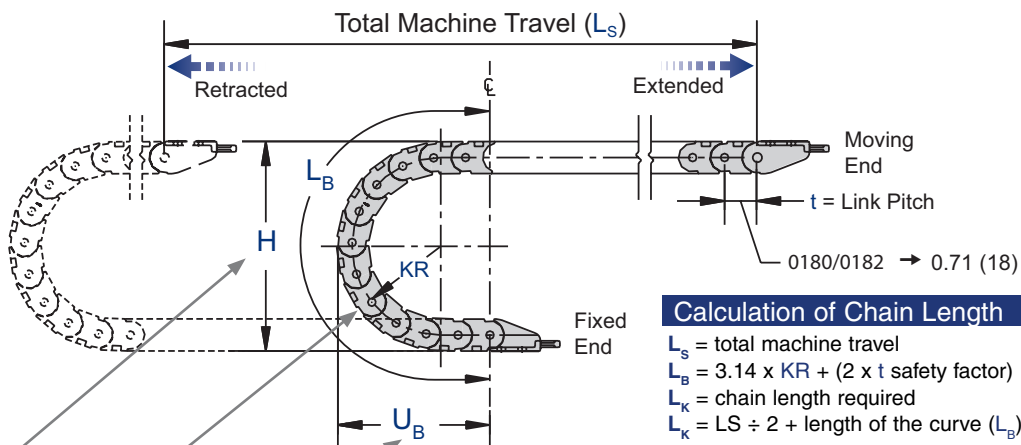
FEMALE

Specifications are subject to change without notice.
KS-1106-GC-A



GENERAL DATA

E	CONOMIC
V	ALUE
A	DDED
4	
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: www.kabelschlepp.com/microtrak.htm	



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

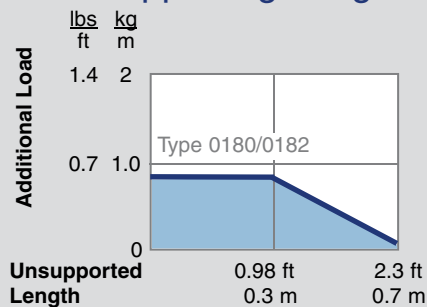
0180/0182

	Mounting Height H	Bend Radius KR	Depot U_B	Loop Length L_B
Option A	2.91 (74)	1.10 (28)	2.17 (55)	4.88 (124)
Option B*	3.62 (92)	1.46 (37)	2.52 (64)	6.02 (153)
Option C	4.65 (118)	1.97 (50)	3.03 (77)	7.64 (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 2.27-2.36



major credit
cards accepted

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

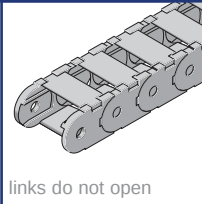
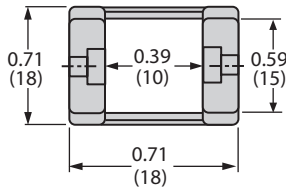
Specifications are subject to change without notice.
KS-1106-GC-A

Series 0182

Non-Opening - available widths

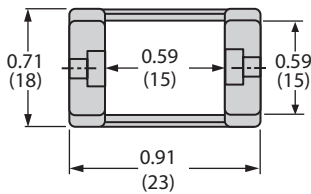
0182.10

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



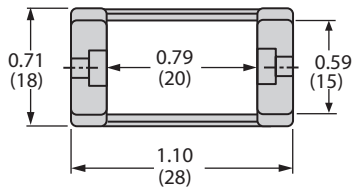
0182.15

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



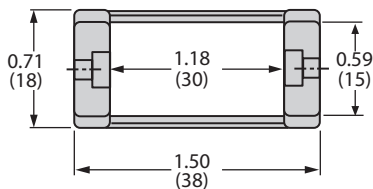
0182.20

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



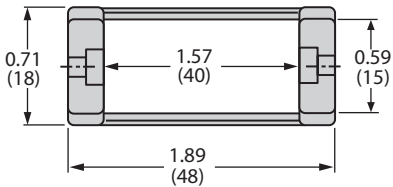
0182.30

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



0182.40

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



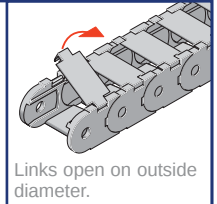
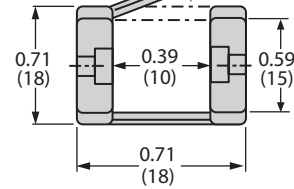
Series 0180

Snap-Opening Links - available widths

0180.10

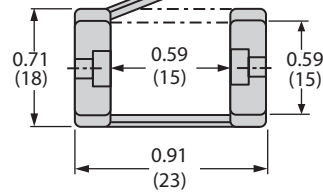
Chain Weight:
0.15 lbs/ft
(0.23 kg/m)

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



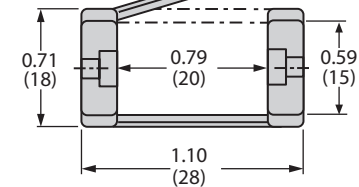
0180.15

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



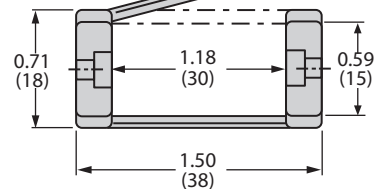
0180.20

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



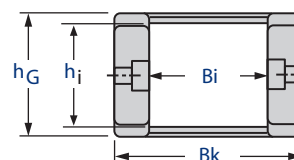
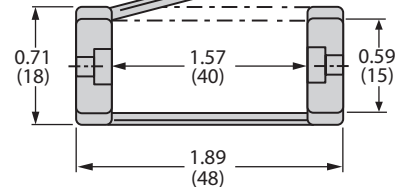
0180.30

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



0180.40

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



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

Note:

For drawings and dimensions of available Mounting Bracket options: See page 5.8





Series

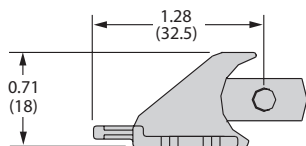
0180/0182 Strain Relief Mounting Brackets

MICROTRAK

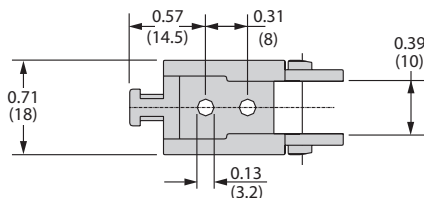
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Fixed End Bracket - with pin

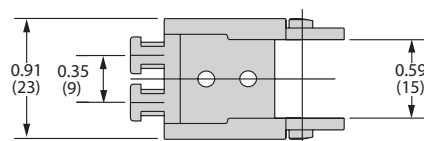
0180/82
Fixed End



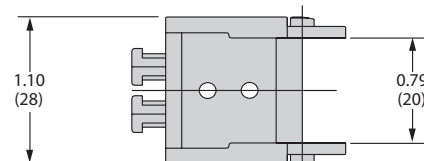
0180/82.10
PN: 52309



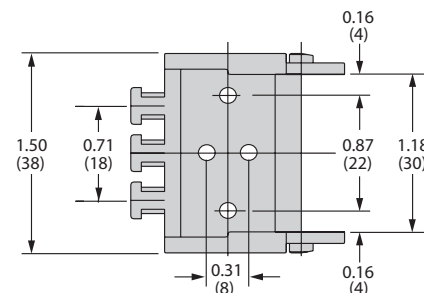
0180/82.15
PN: 52311



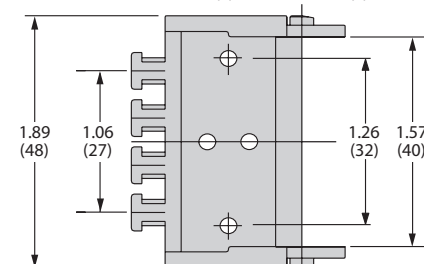
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PN: 52313



0180/82.30
PN: 52315

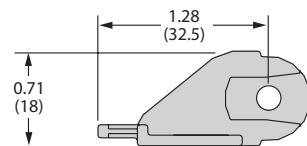


0180/82.40
PN: 52317

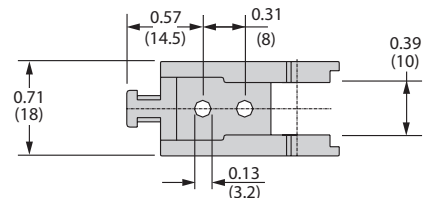


Moving End Bracket - with hole

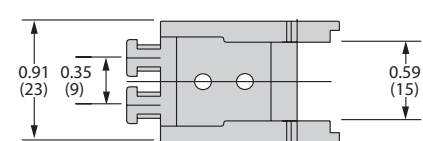
0180/0182
Moving End



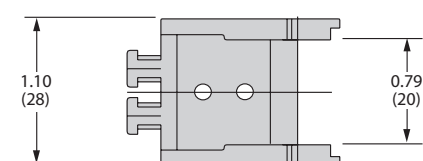
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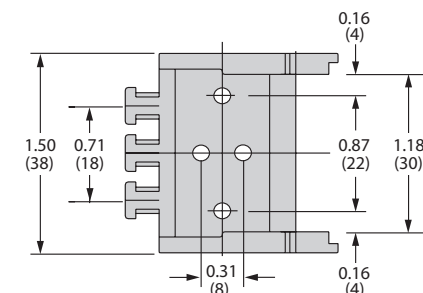
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PN: 52310



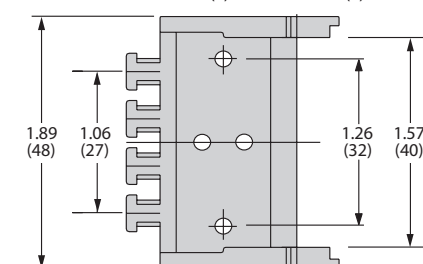
0180/82.20
PN: 52312



0180/82.30
PN: 52314



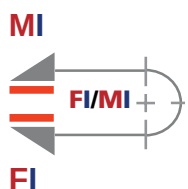
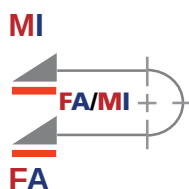
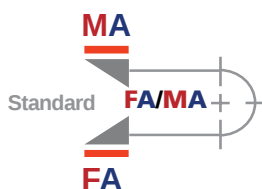
0180/82.40
PN: 52316



Fixed End Bracket



MALE



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

Moving End Bracket



FEMALE

Specifications are subject to change without notice.
KS-1106-GC-A