FLATTOP NORTH AMERICA

REXNORD

INTRODUCTION

The Marbett component range enables Rexnord Industries, LLC to be the preferred global FlatTop solutions supplier for conveyors and machines by providing a complete package with chains to maximize end user and OEM productivity.

Rexnord chains reach their best performance by the use of low-friction/low-wear Marbett® chain guide-return solutions, resulting in higher productivity and cost savings for the end user:

- Reduced downtime, reduced maintenance and reduced replacement costs due to extended chain (and guide) life
- Reduced energy consumption and reduced conveyor costs (longer conveyor length = reduced number of drives)
- Limited or no lubrication possible
- Minimized noise due to material and design solutions.

The top quality of Rexnord chains along with the high performance Marbett guides for container and package handling achieve a high conveyor efficiency:

- Prevent product tippage, container damage/discards due to low friction materials, resulting in reduced downtimes and better container quality.

Conveyor construction becomes easy, quick and repeatable through the Marbett components modular concept:

- Clamps, brackets, joints, bearing heads, support bases and levellers are designed to easily connect to commercial tubes, rods and metal structures.
- Eliminates the need for welded parts and extensive labor to assemble conveyor systems, resulting in higher productivity, reduced conveyor construction costs and better quality

Parts are designed to meet sanitation requirements and are easily cleanable. They have high corrosion and chemical resistance and are the right solution in all applications where frequent washings are needed.

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Marbett® (Center) Roller Guide
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Marbett® Roller Transfer
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Marbett® Guide Flange
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Marbett® Leveler
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Marbett® Convex Guide Rail	Drawing

Photo shows Guide Rail with Round white UHMW profile and 14 gauge stainless steel sheath.

Overall Height 0.70 in

Base Width 0.67 in

Product Information		Additional Notes
Part Number	Stock Length (ft)	FDA Approved white UHMWPE profile
514-145-4	8	14 gauge stainless steel sheath
514-145-1	10	

Marbett® Round Guide Rail	Drawing

Photo shows Guide Rail with Convex white UHMW profile and 14 gauge stainless steel sheath.

Face Width 0.46 in

Overall Height 0.70 in

Base Width 0.67 in

Product Information		Additional Notes
Part Number	Stock Length (ft)	FDA Approved white UHMWPE profile
514-158-1	10	14 gauge stainless steel sheath

Marbett® Flat Guide Rail	Drawing
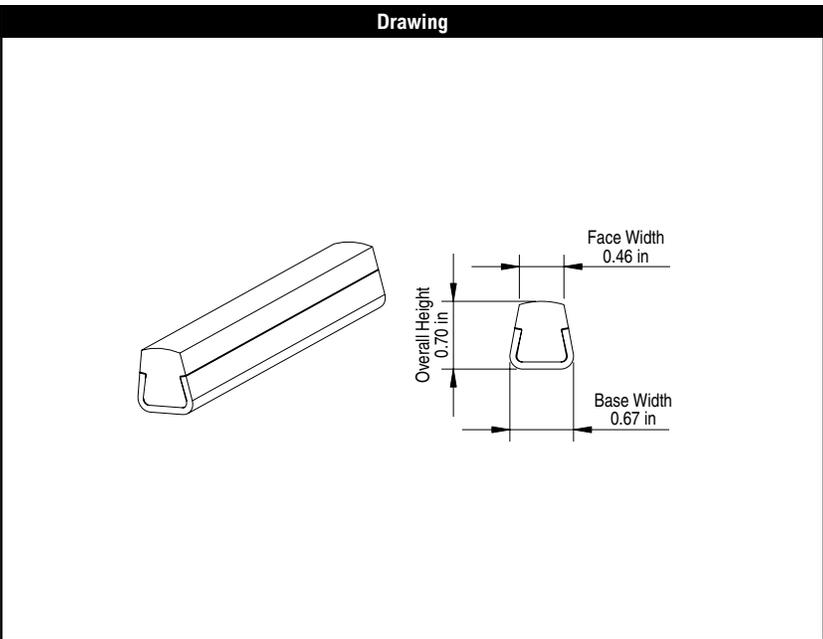
Photo shows Guide Rail with Flat white UHMW profile and 14 gauge stainless steel sheath.
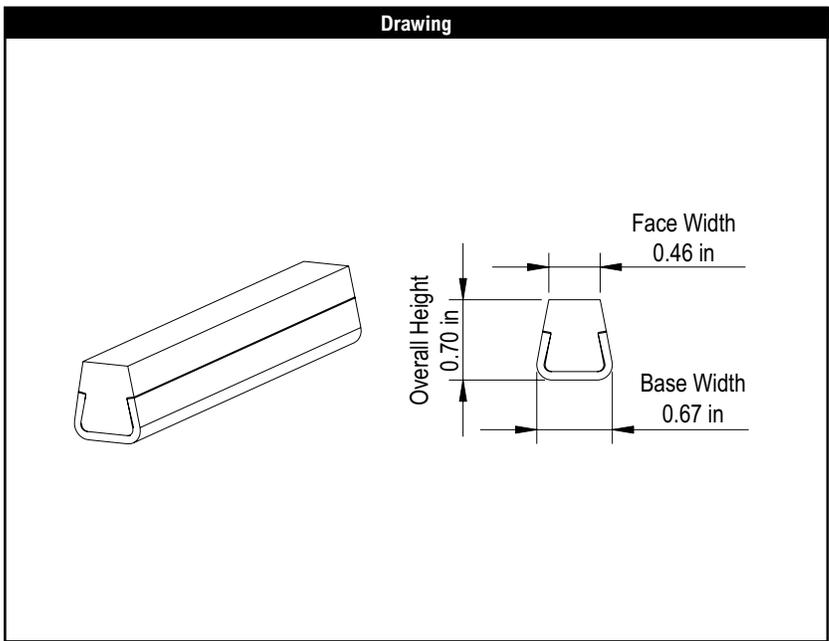
Face Width 0.46 in
Overall Height 0.70 in
Base Width 0.67 in

Product Information		Additional Notes
Part Number	Stock Length (ft)	FDA Approved white UHMWPE profile
514-146-4	8	14 gauge stainless steel sheath
514-146-1	10	

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Marbett® 1" Flat Guide Rail	Drawing

Photo shows 1" wide Flat Guide Rail with white UHMW profile and 14 gauge stainless steel sheath.
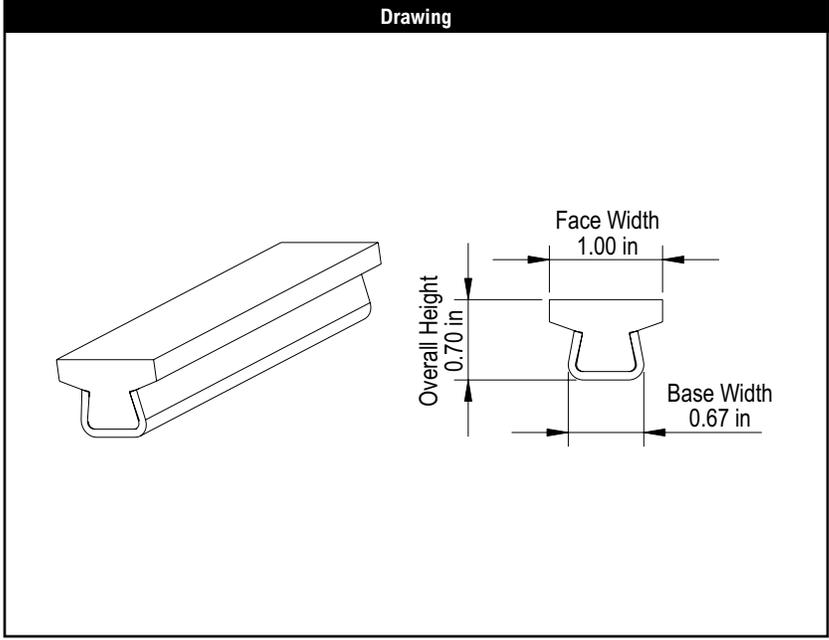
Face Width 1.00 in
Overall Height 0.70 in
Base Width 0.67 in

Product Information		Additional Notes
Part Number	Stock Length (ft)	FDA Approved white UHMWPE profile
514-210-4	8	14 gauge stainless steel sheath
514-210-1	10	

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PART 367 - Marbett® Flat Guide Rail	Drawing

Face Width
40.0 mm

Plastic Profile Height
10.0 mm

Metal Profile Inside Height
16.0 mm

Overall Height
23.0 mm

Metal Profile Width
1.5 mm

Gap
8.5 mm

Base Width
20.0 mm

Photo shows 40 mm wide Flat Guide Rail with UHMW Profile and standard steel profile

Product Information

Part Number	Stock Length (ft)
367-655712M	10

Additional Notes

Plastic profile in UHMWPE (black)
Metal profile in austenitic stainless steel

Marbett® 1" Tee Guide Rail	Drawing

Face Width
1.00 in

Overall Height
0.84 in

Base Width
0.67 in

Photo shows 1" wide Tee Guide Rail with white UHMW profile and 14 gauge stainless steel sheath.
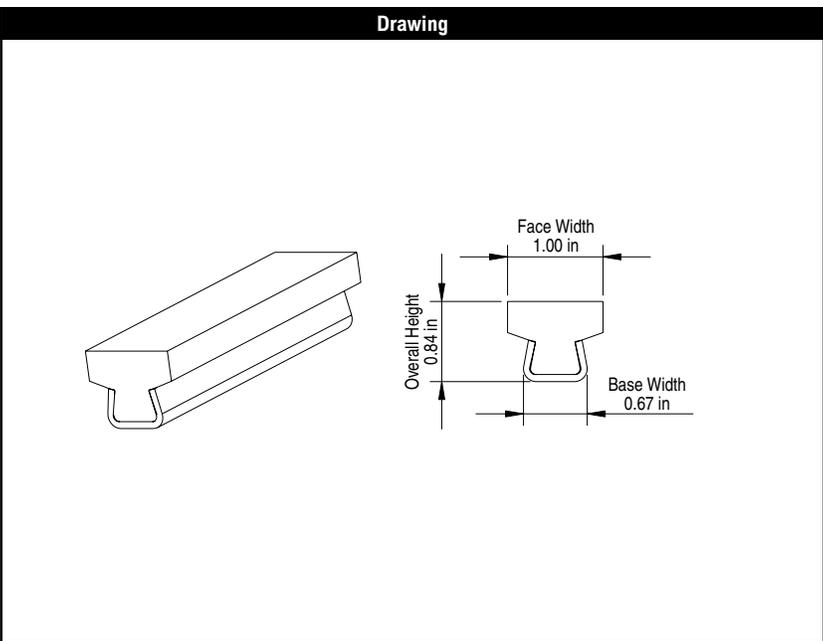
Product Information

Part Number	Stock Length (ft)
514-209-4	8
514-209-1	10

Additional Notes

FDA Approved white UHMWPE profile
14 gauge stainless steel sheath

Marbett® 1-1/4" Tee Guide Rail

| Drawing |

Photo shows 1-1/4" wide Tee Guide Rail with white UHMW profile and 14 gauge stainless steel sheath.

Face Width 1.25 in
Overall Height 0.84 in
Base Width 0.67 in
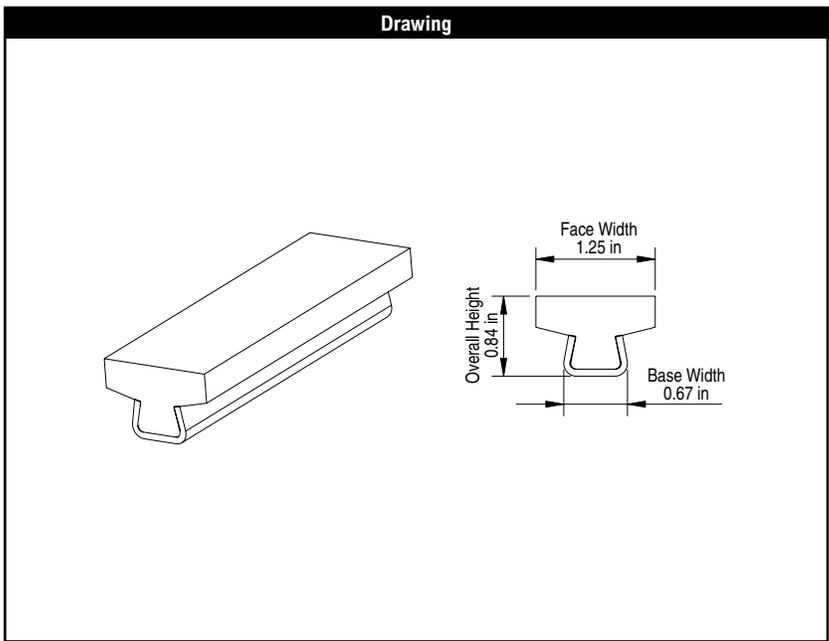
Product Information

| Part Number	Stock Length (ft)
514-147-4	8
514-147-1	10

Additional Notes

FDA Approved white UHMWPE profile
14 gauge stainless steel sheath

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Marbett® 1.6" Tee Guide Rail

| Drawing |

Photo shows 1.6" wide Tee Guide Rail with white UHMW profile and 14 gauge stainless steel sheath.

Face Width 1.60 in
Overall Height 0.84 in
Base Width 0.67 in
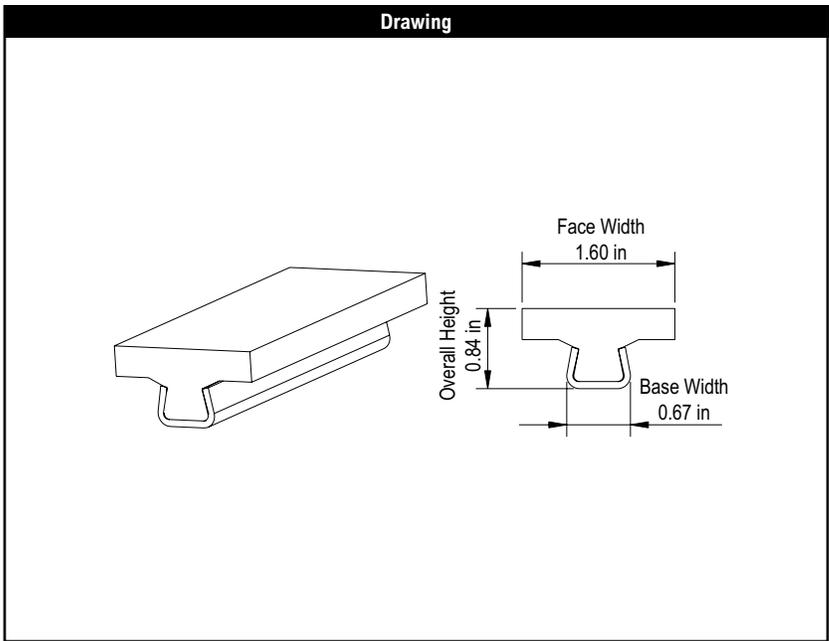
Product Information

| Part Number	Stock Length (ft)
514-175-1	10

Additional Notes

FDA Approved white UHMWPE profile
14 gauge stainless steel sheath

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Marbett® 2-1/4" Tee Guide Rail	Drawing

Photo shows 2-1/4" wide Tee Guide Rail with white UHMW profile and 14 gauge stainless steel sheath.

Face Width 2.25 in
Overall Height 0.84 in
Base Width 0.67 in

Product Information		Additional Notes
Part Number	Stock Length (ft)	FDA Approved white UHMWPE profile 14 gauge stainless steel sheath
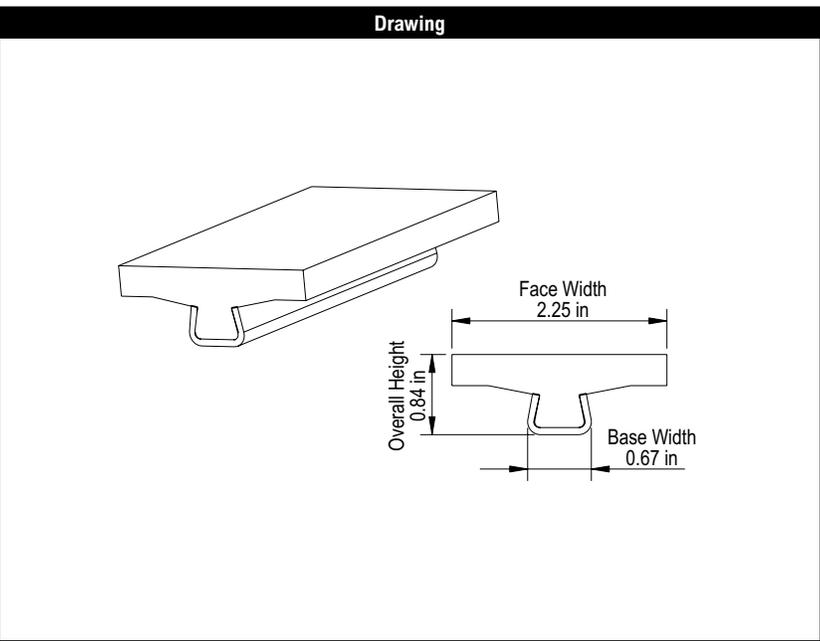
Part Number	Stock Length (ft)
514-176-4	8
514-176-1	10

Marbett® Neck Guide	Drawing

Photo shows Neck Guide Rail in white UHMW profile with 14 gauge stainless steel sheath.

Face Width 0.16 in
Shoulder Height 0.33 in
Overall Height 0.89 in
Base Height 0.67 in

Product Information		Additional Notes
Part Number	Stock Length (ft)	FDA Approved white UHMWPE profile 14 gauge stainless steel sheath

Part Number	Stock Length (ft)
514-148-1	10

Marbett® Conveying Components Product Portfolio

Marbett® Edge Guide Rail
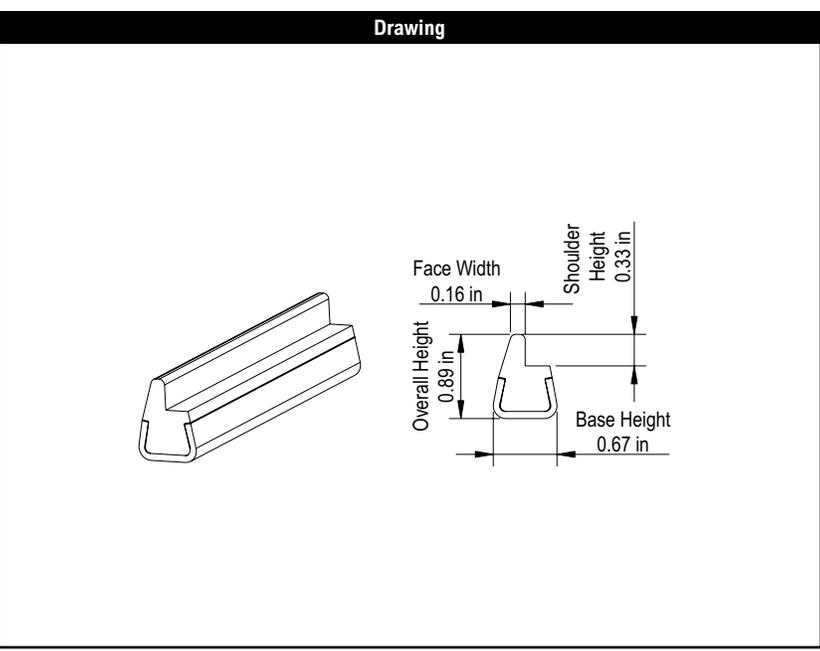
Photo shows Edge Guide Rail with white UHMW profile and 14 gauge stainless steel sheath.

Drawing

Overall Width 1.25 in
Face Width 0.25 in
Top of Edge to Bottm of Sheath 0.84 in
Shoulder Height 0.38 in
Base Width 0.67 in
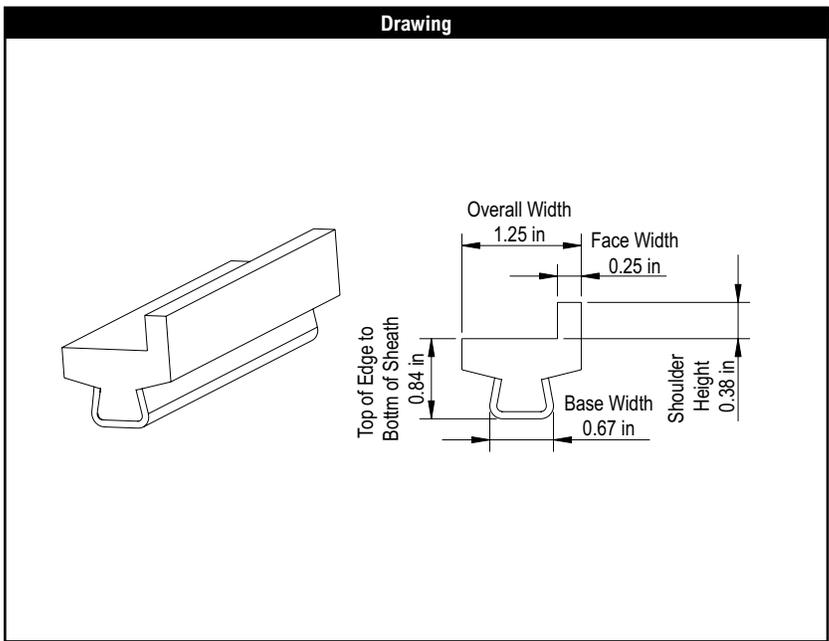
Product Information

Part Number	Stock Length (ft)
514-235-4	8
514-235-1	10

Additional Notes

FDA Approved white UHMWPE profile
14 gauge stainless steel sheath

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Marbett® Tab Guide Rail

Photo shows Tab Guide Rail with white UHMW profile and 14 gauge stainless steel sheath.

Drawing

Shoulder Height 0.60 in
Face Width 1.19 in
Overall Height 1.03 in
Base Width 0.67 in
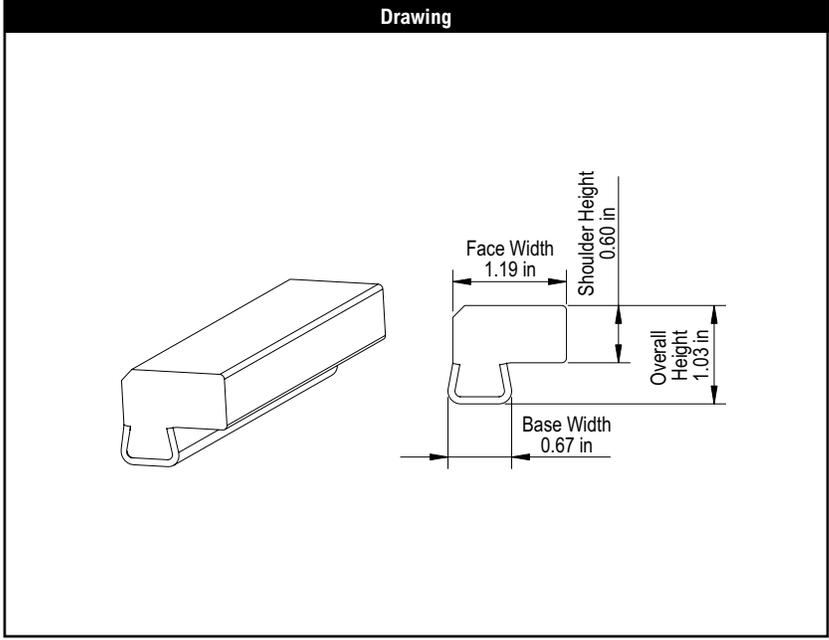
Product Information

Part Number	Stock Length (ft)
514-236-1	10

Additional Notes

FDA Approved white UHMWPE profile
14 gauge stainless steel sheath
For use with Rexnord 882 TableTop® chains

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PART 369 - Marbett® Guide Rail Connecting Bar	Drawing

Thread Size
M8

Height
13.0

22.5 | 45.0 | 45.0 | 45.0 | 22.5

Width
6.0

Hole Spacing
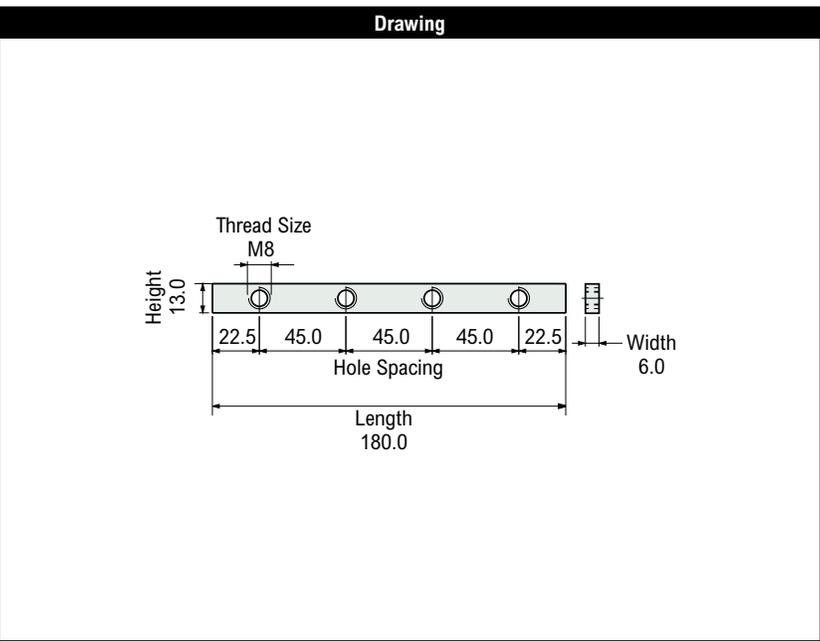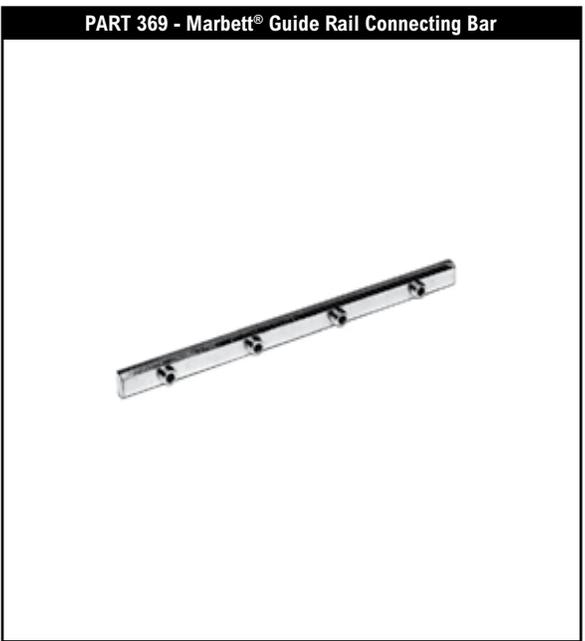
Length
180.0

Product Information

Part Number	Overall Length (in)	Thread Size
369-69995	7	M8

Additional Notes

Material: Zinc-plated steel

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PART 371 - Marbett® Guide Rail Connecting Link	Drawing

Width
16.8

Counterbore
13.2 Hex

Counterbore Depth
6.0

Part./Art./Réf.
366-367-368

20.0

Thickness
15.0

1.2

8.2

Thread Size
M8

Part./Art.
Réf. 371
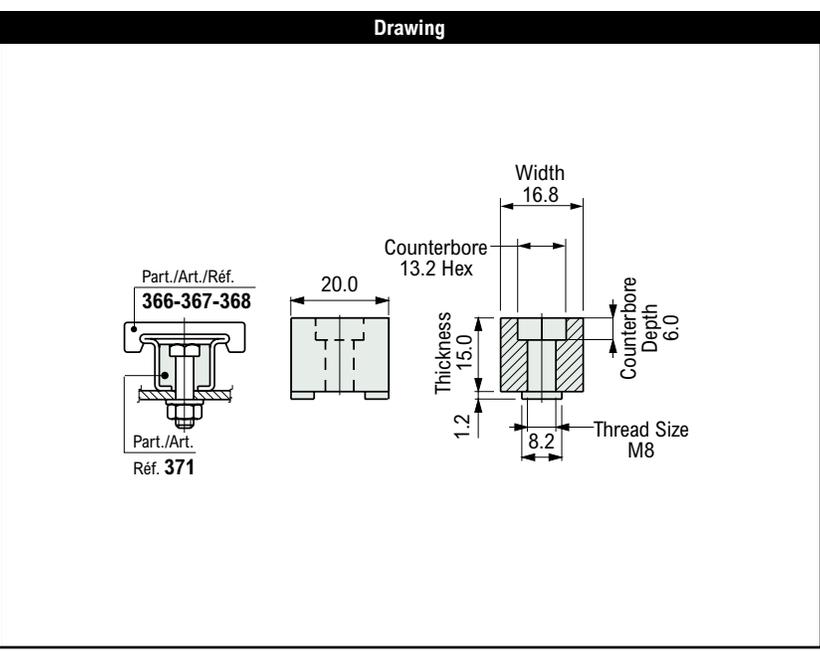
Product Information

Part Number	Thread Size
371-61056	M8

Additional Notes

Material: reinforced polyamide PA FV (black)
Use: Easy assembly of wearstrips on frame.
Assemble with M6 or M8 hexagon bolt

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PART 902 - Marbett® ViseSplice™ | Drawing

Overall Length
3.00 in

Overall Width
0.86 in

Clamp Height
0.60 in

Overall Height
1.03 in

Centerline of Stud
to Centerline of Stud
2.00 in

Lock Nut

5/16-18
Thread Size

Photo shows the ViseSplice™ clamp.
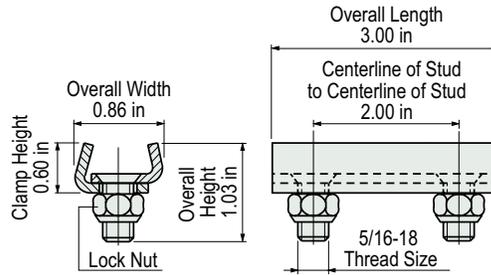
Product Information | Additional Notes

Part Number

902-652041

For use with all Marbett® guide rail profiles
All stainless steel construction rail profiles
Tired of opening hundreds of individual bags? Boxes of 100 pieces
are also available. Simply add "-100" to the end of the part number.
i.e. 902-652041-100 is a box of 100 bulk parts

US Patent #5896980

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PART 903 - Marbett® ViseClamp™ | Drawing

Overall Width
0.86 in

Overall Length
1.00 in

Clamp Height
0.60 in

Stud Length

Thread Size
5/16-18

Photo shows a ViseClamp™ with 3/4 inch stud without nut.
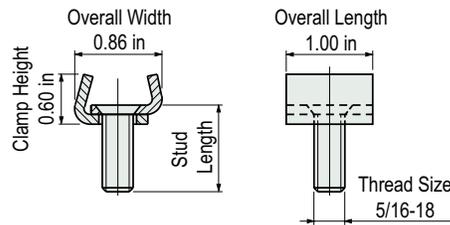
Product Information | Additional Notes

With Nut Part Number	Without Nut Part Number	Stud Length (in)
903-654741	903-654101	3/4
903-654751	903-654111	1

For use with all Marbett® guide rail profiles
All stainless steel construction rail profiles
Tired of opening hundreds of individual bags? Boxes of 100 pieces
are also available. Simply add "-100" to the end of the part number.
i.e. 903-654101-100 is a box of 100 bulk parts

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Upper Conveyor Bracket	Drawing

Photo Shows Conveyor Bracket

Drawing dimensions: 3.56 in, 0.38 in, 5.80 in, 0.38 in, 1.50 in, 0.43 in, 4.80 in, 1.80 in, 7/16 in x 1.00 in 2 Slots, 7/16 in x 2 1/4 in Slot, 0.38 in, 1.95 in

Product Information				Additional Notes
Part Number	Length (in)	Width (in)	Slot Width (in)	Bracket in Black Glass-Reinforced Nylon
114-398-1	5.81	3.56	$^7/_{16}$	

Lower Conveyor Bracket	Drawing

Photo Shows Conveyor Bracket

Drawing dimensions: 0.43 in, 1.95 in, 7/16 in x 2 1/4 in Slot, 0.38 in, 4.07 in, 1.57 in, 3.07 in, 7/16 in x 1.00 in 2 Slots, 0.38 in, 0.43 in, 3.57 in, 2.05 in

Product Information				Additional Notes
Part Number	Length (in)	Width (in)	Slot Width (in)	Bracket in Black Glass-Reinforced Nylon
114-399-1	4.08	3.56	$^7/_{16}$	

Marbett® *Conveying Components Product Portfolio*

Lower Conveyor Bracket Type 2 | Drawing

0.34 in
1.88 in
1/32 in x 2 1/4 in Slot
0.38 in
4.50 in
2.75 in
1/32 in x 2 3/4 in Slot
0.38 in
0.34 in
3.38 in
1.50 in

Photo Shows Conveyor Bracket

Product Information

Part Number	Length (in)	Width (in)	Slot Width (in)
114-671-1	4.50	3.38	$^{11}/_{32}$

Additional Notes

Bracket in Black Glass-Reinforced Nylon

Offset Upper Conveyor Bracket Type B | Drawing

3.00 in
1.50 in
0.38 in
0.34 in
0.13 in
1/32 in x 1 1/2 in Slot
4.75 in
0.38 in
3.63 in
1.38 in
1/32 in x 1 1/4 in Slot
0.34 in
1/32 in x 1 7/8 in Slot
1.69 in

Photo Shows Conveyor Bracket
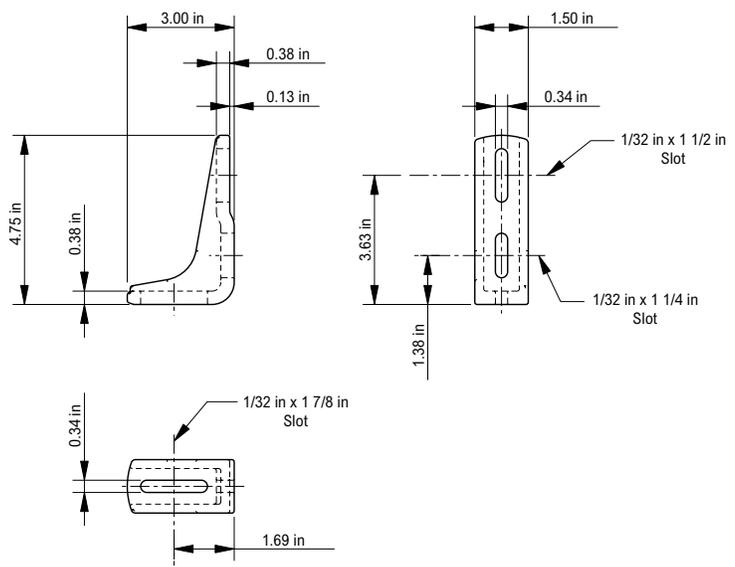
Product Information

Part Number	Length (in)	Width (in)	Slot Width (in)
114-672-1	4.75	3.00	$^{11}/_{32}$

Additional Notes

Bracket in Black Glass-Reinforced Nylon

Lower Conveyor Bracket Type 3	Drawing

Photo Shows Conveyor Bracket

1/32 in x 2 1/4 in Slot

0.34 in · 1.88 in · 0.38 in · 3.38 in · 1.88 in · 0.38 in · 3.38 in · 0.34 in · 1.50 in

Product Information				Additional Notes
Part Number	Length (in)	Width (in)	Slot Width (in)	Bracket in Black Glass-Reinforced Nylon
114-673-1	3.38	3.38	$^{11}/_{32}$	

Offset Upper Conveyor Bracket Type A	Drawing

Photo Shows Conveyor Bracket

3.00 in · 0.38 in · 0.13 in · 7.63 in · 0.38 in · 1.50 in · 0.34 in · 1/32 in x 3 3/8 in Slot · 1/32 in x 2 in Slot · 5.56 in · 1.75 in · 1/32 in x 1 7/8 in Slot · 0.34 in · 1.69 in

Product Information				Additional Notes
Part Number	Length (in)	Width (in)	Slot Width (in)	Bracket in Black Glass-Reinforced Nylon
114-674-1	7.63	3.00	$^{11}/_{32}$	

PART 210 - Marbett® Guide Rail Clamp

Photo shows Pre-assembled Laser Etched Rail Clamp.

Drawing

Clamp Width 1.06 in

Overall Length 1.46 in

Centerline of Nut to Clamp Base 0.88 in

Clamp Base Length ø0.75 in

Rod Channel Length 0.67 in

Step Length 0.12 in

M5-Thread Size

Clamp Height 1.06 in

Bottom of Clamp to Bottom of Rod Channel 1.12 in

Step Diameter
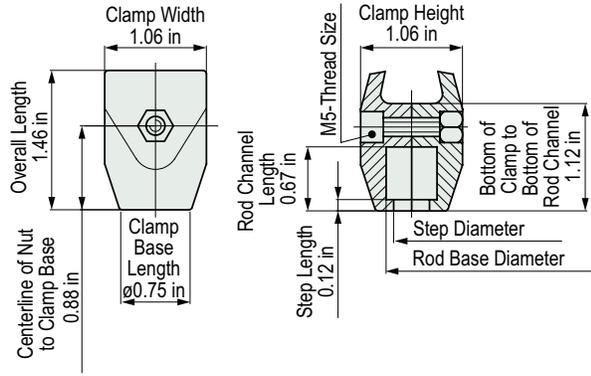
Rod Base Diameter

Product Information

Part Number	Rod Base Diameter (in)	Step Diameter (in)	Assembled Item
210-59941	0.53	0.45	No
210-654791	0.53	0.45	Yes

Additional Notes

Fits all Marbett® guide rail assemblies
Clamp in reinforced nylon (PA)

PART 210 - Marbett® Guide Rail Clamp Assembly	Drawing

Photo shows Pre-Assembled Rail Clamp with stainless steel Adjusting Rod.

Centerline of nut to Top of Step 0.67 in
Step Length 0.13 in
Rod Length
Clamp height 1.06 in
Adjusting Rod Diameter 0.50 in
Rail Channel Diameter 0.46 in

Product Information				Additional Notes
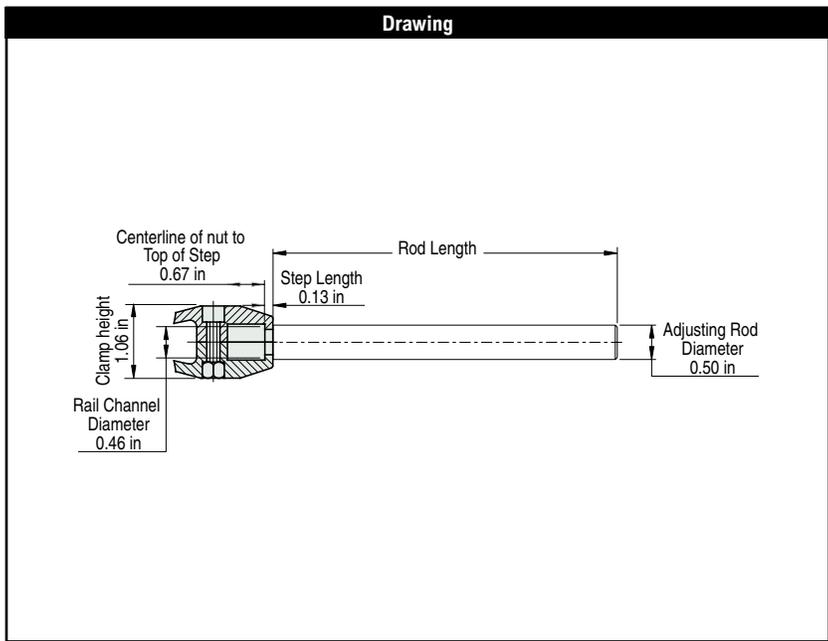
Part Number	Adjusting Rod		Guide Rail Clamp Part Number	Adjusting rod part number
	Rod Diameter (in)	Rod Length (in)		
210-654671	1/2	3.00	210-59941	114-2308-1
210-654681	1/2	5.00	210-59941	114-2308-2

Additional Notes

Fits all Marbett® guide rail assemblies
Clamp in reinforced nylon (PA)
Adjusting rod in stainless steel; Footplate in reinforced polyamide (nylon)
All assemblies supplied with stainless steel nut

PART 210 - Marbett® Etched Guide Rail Clamp Assembly	Drawing

Photo shows Pre-Assembled Laser Etched Rail Clamp with stainless steel Adjusting Rod.

Centerline of nut to Top of Step 0.67 in
Step Length 0.13 in
Rod Length
Clamp height 1.06 in
Adjusting Rod Diameter 0.50 in
Rail Channel Diameter 0.46 in
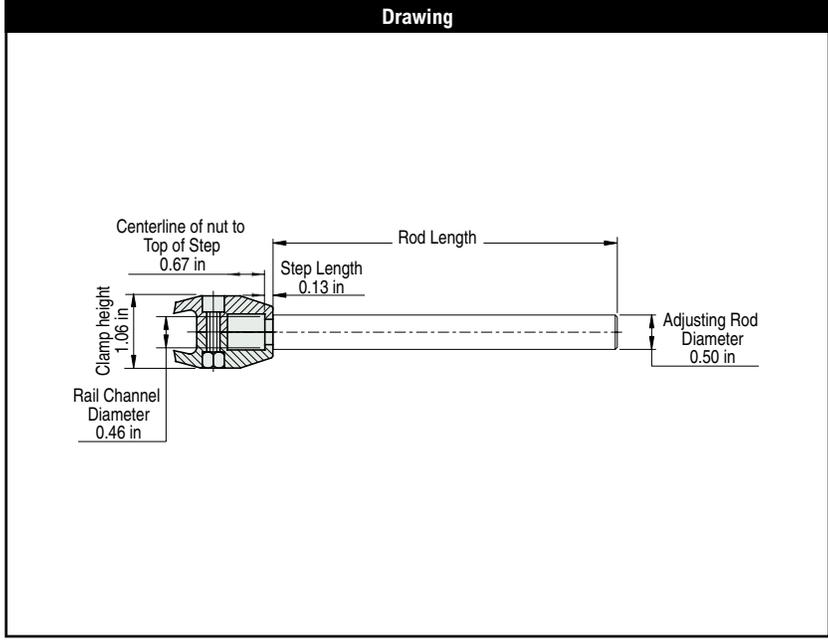
Product Information				Additional Notes

| Part Number	Adjusting Rod Diameter [Nom]	Rod Length [Nom]	Guide Rail Clamp Part Number	Adjusting Rod Part Number
210-655811	1/2 in	5.00 in	210-59941	114-2694-1 114-2695-2

Additional Notes

Fits all Marbett® guide rail assemblies
Clamp in reinforced nylon (PA)
Adjusting rod in stainless steel; Footplate in reinforced polyamide (nylon)
All assemblies supplied with stainless steel nut

PART 174 - Marbett® Cross Clamp

Photo shows Cross Clamp in reinforced nylon with stainless steel hardware.

Drawing

Overall Length 2.87 in
Distance Between Rod Centerlines 0.98 in
0.12 in Gap
Overall Width 1.16 in
Horizontal Rod Diameter
M6-Thread Size
Vertical Rod Diameter
Overall Height 1.16 in
Clamp Height 0.87 in
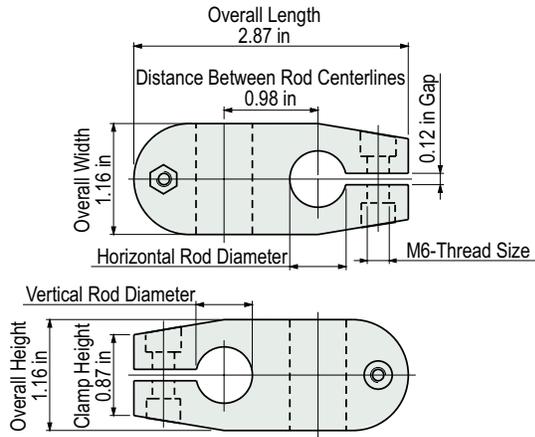
Product Information

Part Number	Round Bore		Hex Bore	Square Bore
	Vertical Rod Diameter (in)	Horizontal Rod Diameter (in)	Rod Diameter (in)	Rod Diameter (in)
174-646481	$1/2$	$1/2$	-	-
174-671861	-	$1/2$	$7/16$	$7/16$

Additional Notes

Cross clamp in reinforced nylon (PA)
All hardware in stainless steel

PART 174 - Marbett® Cross Clamp with setscrew

Photo shows Cross Clamp in reinforced nylon with stainless steel hardware.

Drawing

Overall Length 2.87 in
Distance Between Centerline Rod 0.98 in
0.12 in Gap
Overall Width 1.16 in
Horizontal Rod Diameter
M6-Thread Size
Vertical Rod Diameter
Overall Height 1.16 in
Clamp Height 0.87 in
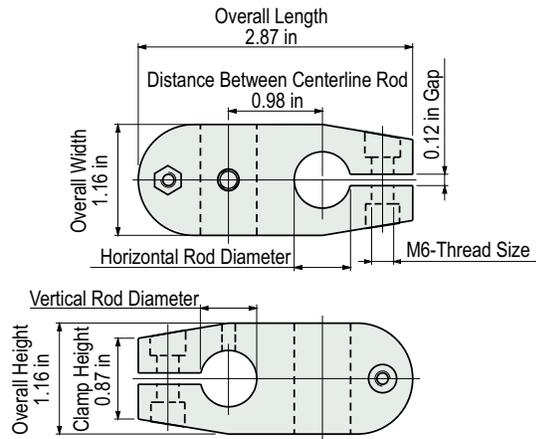
Product Information

Part Number	Round Bore		Hex Bore
	Vertical Rod Diameter (in)	Horizontal Rod Diameter (in)	Rod Diameter (in)
174-654661	$1/2$	$1/2$	-
174-655991	-	$1/2$	$7/16$

Additional Notes

Cross clamp in reinforced nylon (PA)
All hardware and setscrew in stainless steel
Setscrew is only supplied in one bore

PART 637 - Marbett® Guide Rail Bracket

Photo shows Guide Rail Bracket with bracket, rotating head, and knob in reinforced nylon.

Drawing

Knob Width 53.0 mm

Distance from Base Knob Centerline 64.0 mm

Wrench 19 mm

Top of Base to Rod centerline 68.0 mm

d Rod Diameter

Overall Height 248.5 mm

Rod Cenerline to Top of Slot 81.0 mm

Arms 23.0 mm

Shoulder Length 45.0 mm

Distance Between Slots 14.0 mm

33.0 mm

Distance Between Slot Centerline

Base Height 109.0 mm

33.0 mm

Bottom of Bracket to Cenerline of Bottom slot 16.0 mm

La Slot Width 10.5 mm

Overall Width 42.0 mm

Base Length 9.0 mm

Overall Length 83.0 mm

Product Information

Part Number	Rod Diameter (in)
637-648372	0.47
637-648392	0.63

Additional Notes

Bracket, rotating head & knob in reinforced nylon (PA)
Eyebolt, nut, bolt & washers in stainless steel
Hex insert in knob in nickel plated brass

PART 182 - Marbett® Knob

Photo shows Part #182-54911, Marbett Conveyor Component Knob in black reinforced nylon and nickle plated brass insert.

Drawing

Insert Length 1.57 in

Wrench Height 0.39 in

Neck Length 0.71 in

Base Diameter ⌀0.91 in

Thread Size M10

Overall Width 1.97 in

0.75 inch Wrench

Wrench Length 1.10 in

Overall Height 1.79 in
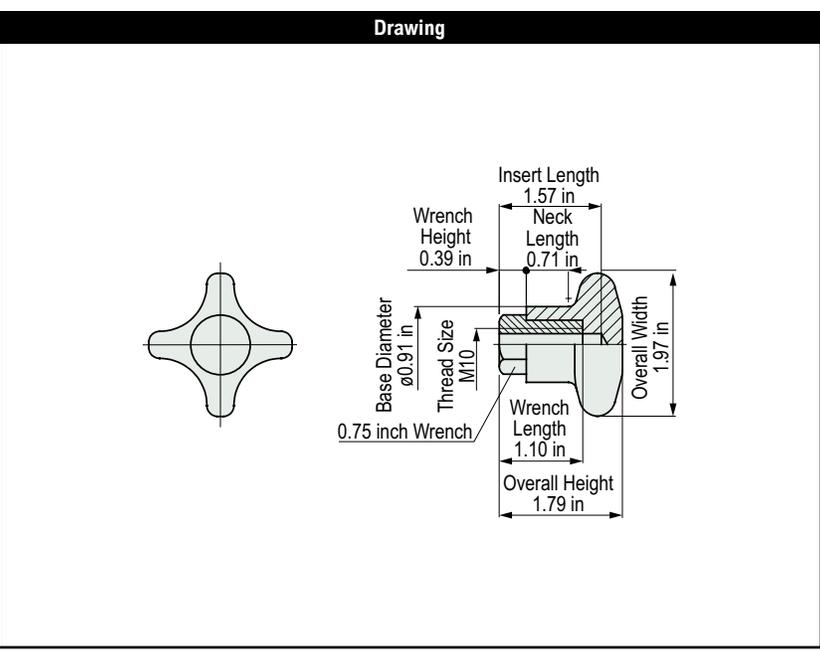
Product Information

Part Number	Thread Size
182-54911	M10

Additional Notes

Knob in reinforced nylon (PA)
Metal insert in nickel plated brass

PART 255 - Marbett® Swivel Head

Drawing

Photo shows a swivel head with 1/2 inch rod diameter.

Drawing labels:
- Bottom of Eyebolt to Center of Swivel Bore 1.38 in
- Top of Washer to Bottom of Swivel 0.50 in max
- Thread Size M10
- Rod Diameter
- Top of Step to Bore Centerline 0.79 in
- Swivel Height 1.83 in
- Step Height 0.10 in
- ø1.18 in Step Diameter
- ø1.42 in Swivel Diameter
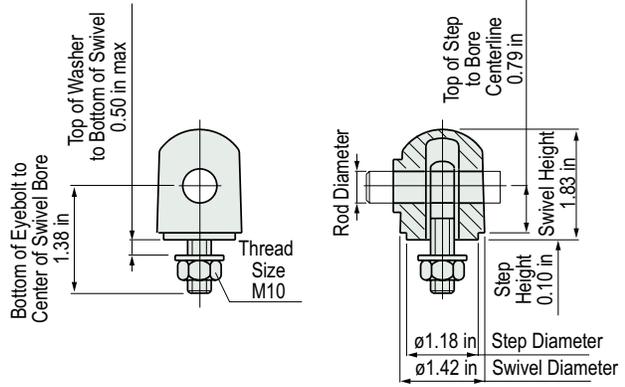
Product Information

Part Number	Rod Diameter (in)
255-685281	1/2

Additional Notes

Swivel in reinforced nylon (PA)
Eyebolt, washer, and nut in stainless steel

PART 256 - Marbett® Swivel

Drawing

Photo shows a swivel with 1/2 inch rod diameter.

Drawing labels:
- Bottom of Stud to Bore Centerline 1.89 in
- Top of Stud of Bore Centerline 1.77 in
- Top of Washer to Bottom of Step 0.6 in max
- Thread Size M10
- Rod Diameter
- Top of Step to Bore Centerline 0.79 in
- Swivel Height 1.89 in
- Step Height 0.10 in
- ø1.18 in Step Diameter
- ø1.42 in Swivel Diameter
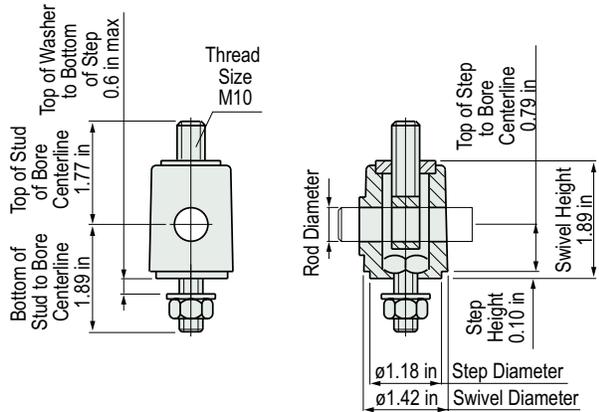
Product Information

Part Number	Rod Diameter (in)
256-64561	1/2

Additional Notes

Swivel in reinforced nylon (PA)
Eyebolt, nut, bolt, and washer in stainless steel
Can be used with Knob 182

Marbett® Conveying Components Product Portfolio

PART 567 - Marbett® Roller Transfer (Side)	Drawing

Photo shows a side module with nose roller transfer, 3.35 inches overall width, 2.06 inches overall length, with multiple small rollers.

Roller Diameter ø0.43 in
Roller Spacing 0.50 in
Roller Clearance 0.04 in
Centerline of Mounting Bolt to Blade Edge 1.66 in
Blade Length 1.23 in
Module Height 0.84 in
Standard 1/4-20 Bolt (Not Included)
Roller Width
Overall Width
Overall Length 2.06 in
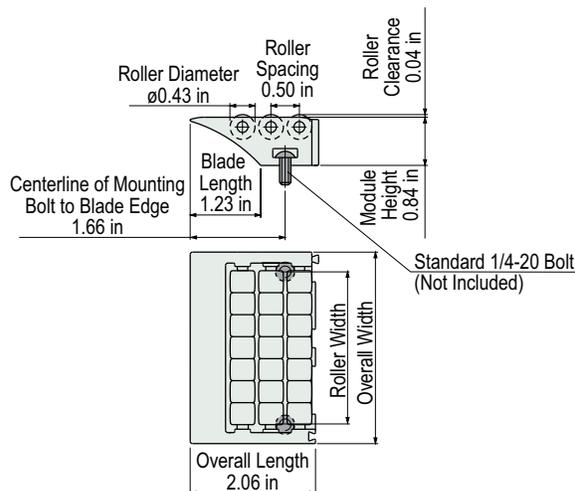
Product Information				Additional Notes

Part Number	Roller Type	Roller Width (in)	Overall Width (in)
567-688792	Multiple Small Rollers	2.66	3.35
567-687382		3.82	4.53
567-688822	Single Roller	2.66	3.35
567-699002		3.82	4.53

Additional Notes

Frame in Rexnord® HP™ material
Multiple roller version uses rollers in Rexnord® HP™ material
Single roller version uses rollers in white polyethylene
Roller shafts are stainless steel

US Patent #6164435

PART 568 - Marbett® Roller Transfer (Center)	Drawing

Photo shows a center module roller transfer, 3.35 inches overall width, with multiple small rollers.

Roller Spacing 0.50 in
Roller Clearance 0.04 in
Roller Diameter ø0.43 in
Standard 1/4-20 Bolt (Not Included)
Module Height 0.84 in
Centerline of Mounting Bolt to Front Edge 0.46 in
Centerline of Mounting Bolt to Back Edge 0.53 in
Roller Width
Overall Width
Module Width 1.0 in
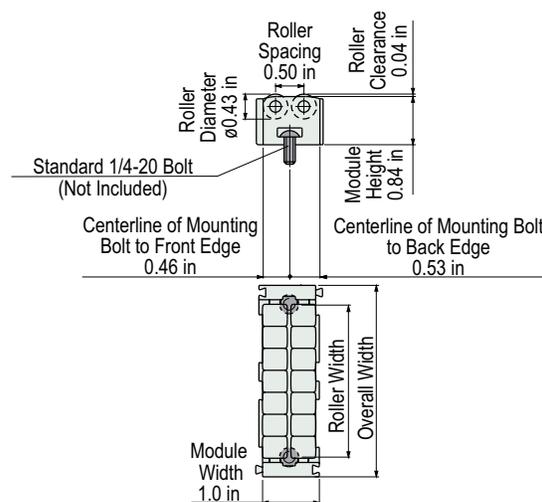
Product Information				Additional Notes

| Part Number	Roller Type	Roller Width (in)	Overall Width (in)
568-605912	Multiple Small Rollers	2.66	3.35
568-687402		3.82	4.53
568-603402	Single Roller	2.66	3.35
568-699022		3.82	4.53

Additional Notes

Frame in Rexnord® HP™ material
Multiple roller version uses rollers in Rexnord® HP™ material
Single roller version uses rollers in white polyethylene
Roller shafts are stainless steel

US Patent #6164436

PART 569 - Marbett® Roller Transfer (Side)

Photo shows a side module without nose roller transfer, 3.35 inches overall width, with single rollers.

Drawing

Roller Diameter ø0.43 in
Roller Spacing 0.50 in
Roller Clearance 0.04 in
Module Height 0.84 in
Standard 1/4-20 Bolt (Not Included)
Length from Bottom Edge to Edge 0.49 in
Centerline of Mounting Bolt to Back Edge 0.92 in
Overall Length 1.44 in
Roller Width
Overall Width
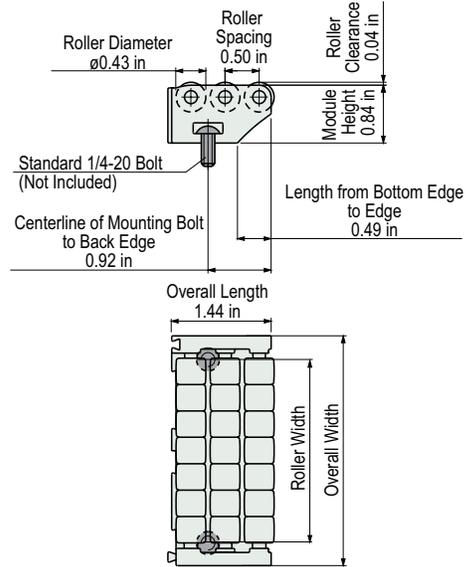
Product Information

| Part Number	Roller Type	Roller Width (in)	Overall Width (in)
569-605922	Multiple Small Rollers	2.66	3.35
569-687392		3.82	4.53
569-603412	Single Roller	2.66	3.35
569-699012		3.82	4.53

Additional Notes

Frame in Rexnord® HP™ material
Multiple roller version uses rollers in Rexnord® HP™ material
Single roller version uses rollers in white polyethylene
Roller shafts are stainless steel

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PART 672 - Marbett® Roller Transfer (Side)

Photo shows a side module with nose roller transfer, 3.35 inches overall width, 1.67 inches overall length, with multiple small rollers.

Drawing

Roller Diameter ø0.43 in
Roller Spacing 0.50 in
Roller Clearance 0.04 in
Module Height 0.84 in
Blade Length 0.83 in
Standard 1/4-20 Bolt (Not Included)
Centerline of Mounting Bolt to Blade Edge 1.19 in
Roller Width
Overall Width
Overall Length 1.67 in
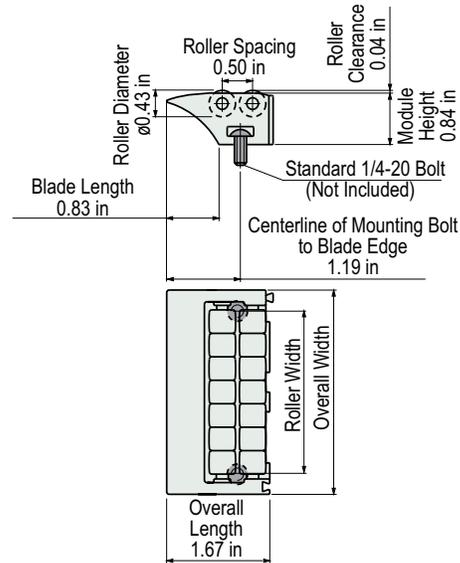
Product Information

| Part Number	Roller Type	Roller Width (in)	Overall Width (in)
672-687412	Multiple Small Rollers	2.66	3.35
672-687432		3.82	4.53
672-699032	Single Roller	2.66	3.35

Additional Notes

Frame in Rexnord® HP™ material
Multiple roller version uses rollers in Rexnord® HP™ material
Single roller version uses rollers in white polyethylene
Roller shafts are stainless steel

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PART 557 - Marbett® (Center) Roller Guide

Photo shows a roller guide consisting of (5) 3.93 inch modules, totaling 19.63 inches in overall length.

Drawing

Roller Diameter ø0.54 in
Bottom of Channel to Top of Mounting Plate 0.45 in
Mounting Plate Iner Spacing
Mounting Plate Length
Module Height 1.67 in
Roller Height 1.26 in
Roller Spacing Between Modules 0.59 in
Roller Spacing 0.47 in
Module Length 3.93 in
Overall Length 19.63 in
Roller Clearance 0.12 in
Module Width 1.30 in
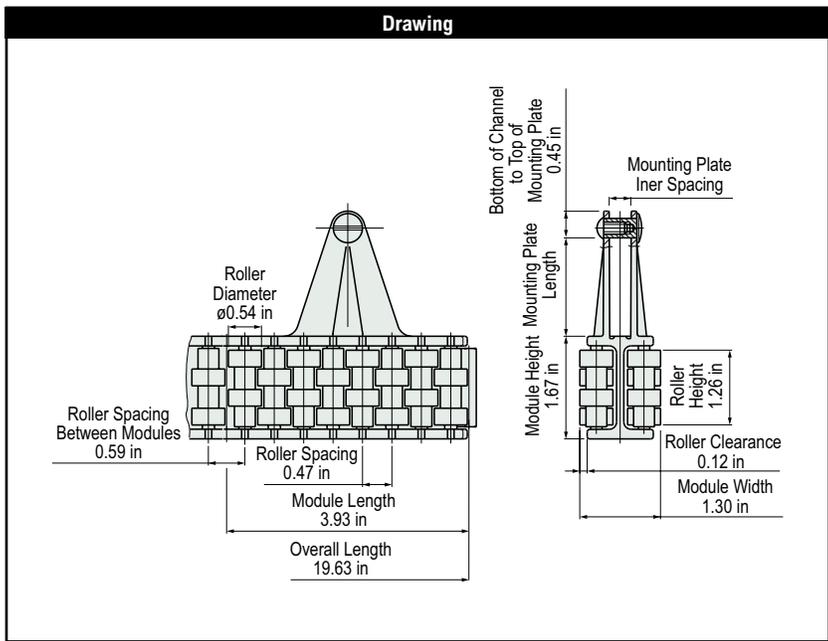
Product Information		
Part Number	Mounting Plate Length (in)	Mounting Plate Inner Spacing (in)
557-695991N	1.57	0.31

Additional Notes

Frame in Black Acetal (POM)
Rollers in White Acetal (POM)
Mounting screw in Stainless Steel
Each part number consists of (5) 3.93 in modules

PART 580 - Marbett® (Side) Roller Guide

Drawing

Roller Diameter ø13.6
Profile Depth 10 mm
Roller Clearance 18mm
Module Height 46 mm
Profile Width 40 mm
Roller Height 32 mm
Roller Spacing Between Modules 14 mm
Roller Spacing 12 mm
Module Length 74.3 mm
Overall Length 371.5 mm
Module Width 32 mm
Roller Clearance 3 mm
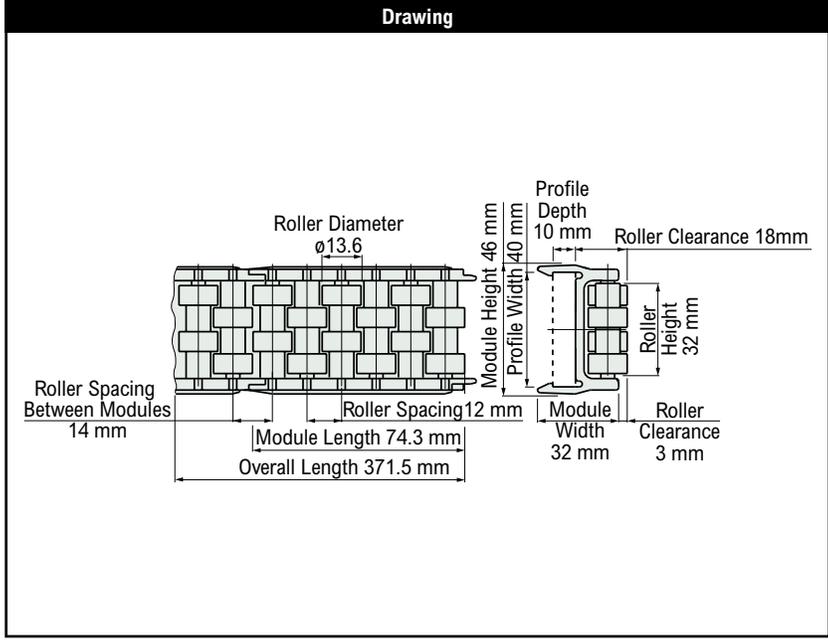
Product Information			
Part Number	Profile Width (in)	Profile Depth (in)	Module Height (in)
580-611772	1.57	0.39	1.81

Additional Notes

Frame in Black Acetal (POM)
Rollers in White Acetal (POM)
Each part number consists of (5) 2.93 in modules

PART 570 - Marbett® Roller Guide	Drawing

Nose Length
1.22 in

Module Length
3.93 in

Photo shows a roller guide module with nose.
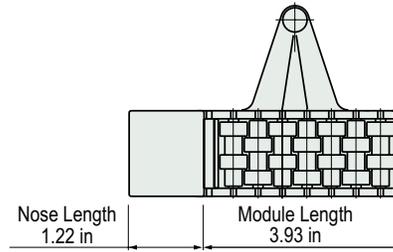
Product Information	Additional Notes
Part Number	Frame in black acetal (POM)

570-601162N

Frame in black acetal (POM)
Rollers in white acetal (POM)
Mounting screw in stainless steel
Threaded bushing in plated brass
For use with part 557-695991N

PART 518 - Marbett® Control Contact Lever	Drawing

Hole for magnetic insert
Arm Height 1.34 in
Shaft Fixing Hole
Centerline of Hole for Magnetic Insert to Arm End
Centerline of Shaft Fixing Hole to Top Edge 0.59 in
Centerline of Shaft Fixing Hole to Centerline of Hole for Magnetic Insert 2.36 in
1.38 in
Arm Height 1.34 in
1.38 in
Upper Arm Length
Centerline of Shaft Fixing Hole to Bottom Edge 0.75 in
2.36 in
6.56 in
Arm Angle 45
Lower Arm Length 7.19 in
Arm Flange Width 0.10 in
Arm Width 1.18 in

Photo shows a control contact lever with hole and metal insert.
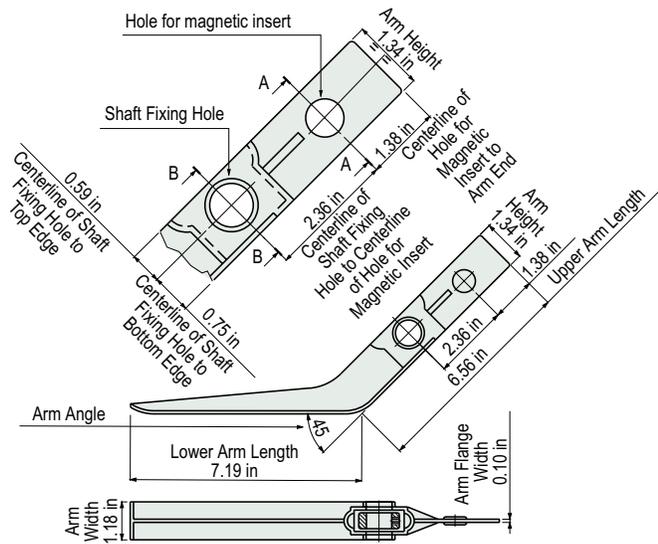
Product Information	Additional Notes
Part Number	Lever in black polypropylene

518-642951N

Lever in black polypropylene
Insert (for magnetic sensor) in stainless steel

Marbett® Conveying Components Product Portfolio

PART 595 - Marbett® T-Clamp	Drawing

Photo shows T-Clamp in reinforced nylon with stainless steel bolt.

Clamp Width 1.18 in
Thread Size M6
Overall Height 2.05 in
Centerline of Rod Hole to Clamp Bottom 1.06 in
Shoulder Height 0.57 in
Upper Mounting Hole Diameter ø 0.53 in
Bottom of Clamp to Bottom of Upper Mounting Hole 0.18 in
Square Bore Rod Diameter
Round Bore Rod Diameter
Lower Mounting Hole Diameter ø 0.33 in
Clamp Height 1.57 in
Hole Spacing 2.17 in
Overall Width 2.95 in
Assembly of round and square rods
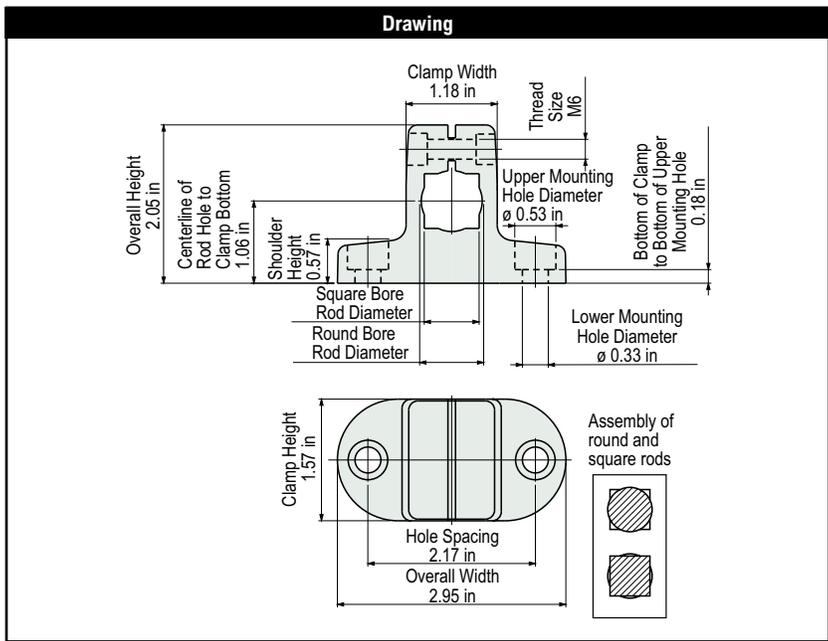
Product Information			Additional Notes
Part Number	Round Bore	Square Bore	Clamp in reinforced polyamide (nylon) Supplied with stainless steel bolt
	Rod Diameter (in)	Rod Diameter (in)	
595-610452	0.79	0.71	

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PART 763 - Marbett® T-Clamp	Drawing

Knob Width 50 mm
Knob Height 23.5 mm
Overall Clamp Height 48 mm
A
Shoulder Height 14.5 mm
Bottom of Clamp to bottom of upper mounting hole 4.5 mm
Upper Mounting Hole Diameter ø 8.5 mm
Lower Mounting Hole Diameter ø 13.5 mm
Rod Diameter
Clamp Height 25 mm
Hole Spacing 55 mm
Overall Width 75 mm
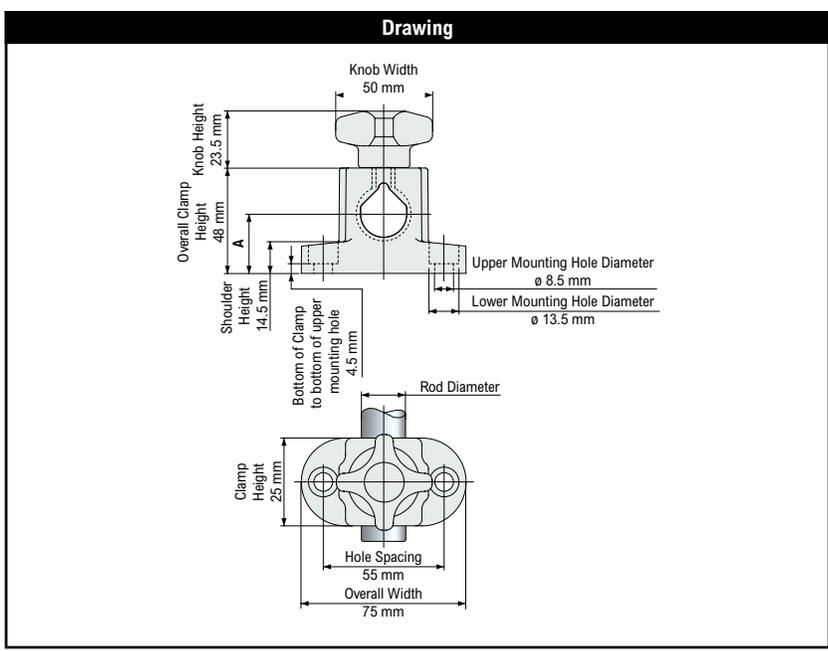
| Product Information		Additional Notes
Part Number	Rod Diameter (in)	Clamp and rod in reinforced polyamide PA FV (black) Threaded insert in nickel plated brass Nut, washer and eyebolt in austenitic stainless steel Max. recommended tightening torque: 4 Kgm (28.9 ft. lbs.)
763-610633	0.79	

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PART 612 - Marbett® Split Shaft Collar with Round Bore

Drawing

Photo shows part number a split shaft collar with
1 inch round bore, with keyway.

Thread Size

Keyway Width

Shaft Diameter

Overall Width

Bottom of Shaft Diameter to Top of Keyway
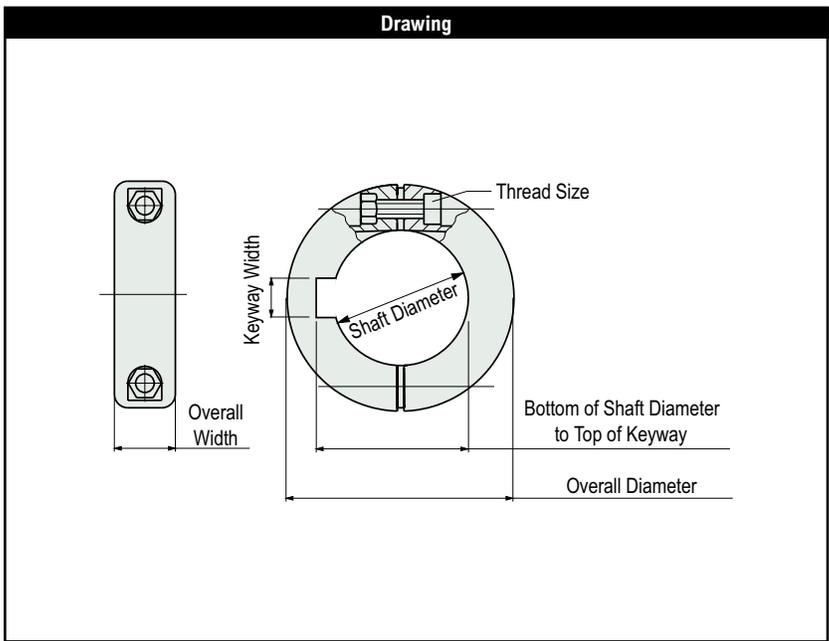
Overall Diameter

Product Information

| Part Number	Shaft Diameter (in)	Overall Diameter (in)	Overall Width (in)	Thread Size	Keyway Width (in)	Distance From Bottom of Shaft Diameter to Top of Keyway (in)
Without Keyway						
612-655072	1/2	1.18 in	0.46	M4	-	-
612-655092	5/8	1.38 in	0.46	M4	-	-
612-655102	3/4	1.57 in	0.55	M4	-	-
With Keyway						
612-655112	1	1.77 in	0.55	M4	0.25	1.13
612-655122	1 1/4	1.97 in	0.63	M4	0.25	1.38
612-655132	1 1/2	2.50 in	0.71	M5	0.38	1.68

Additional Notes

Collar in reinforced polyamide (PA)
Hardware in stainless steel
Maximum recommended torque: 26 in-lbs

PART 612 - Split Shaft Collar with Square Bore

Drawing

Photo shows a split shaft collar with 1 1/2 inch square bore.

Thread Size
M6

Overall Width

Shaft Diameter
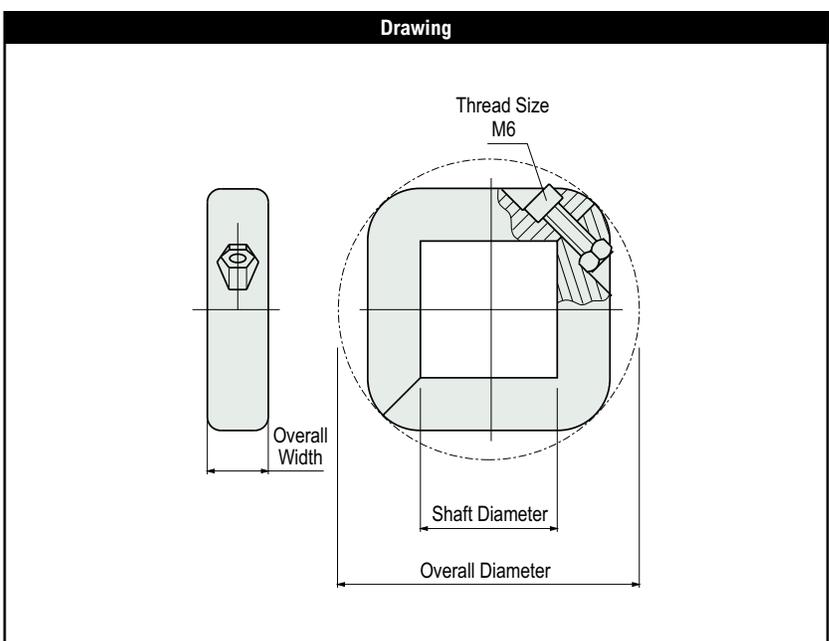
Overall Diameter

Product Information

Part Number	Shaft Diameter (in)	Overall Width (in)	Overall Diameter (in)
612-692942	1 1/2	0.71	3.46
612-692972	2 1/2	0.71	4.57

Additional Notes

Collar in reinforced polyamide (PA)
Hardware in stainless steel
Maximum recommended torque: 26 in-lbs

PART 613 - Marbett® Bi-material Return Roller	Drawing

Photo shows a bi-material return roller with 1/2 inch shaft diameter, 1.61 inches length through bore, without flange.

Roller Diameter ø 2.36 in
Bore Diameter
Length Through Bore 1.61 in
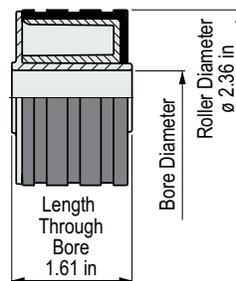
Product Information			Additional Notes

Part Number	Shaft Diameter (in)	Bore Diameter (in)
613-632472	1/2	0.52
613-615352	5/8	0.65
613-635142	3/4	0.77

Roller and bushing in white acetal (POM)
Outer surface in grey rubber

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PART 614 - Marbett® Bi-material Return Roller	Drawing

Photo shows a bi-material return roller with 1/2 inch shaft diameter, 1.69 inches length through bore, with flange.

Roller Diameter ø 2.36 in
Flange Diameter ø 2.76 in
Bore Diameter
Flange Clearance 0.14 in
1.56 in Bore Edge to Flange
1.69 in Length Through Bore
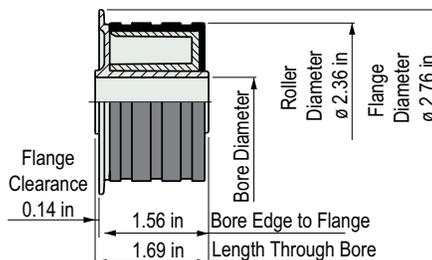
Product Information			Additional Notes

Part Number	Shaft Diameter (in)	Bore Diameter (in)
614-632482	1/2	0.52
614-615392	5/8	0.65
614-635152	3/4	0.77

Roller and bushing in white acetal (POM)
Outer surface in grey rubber

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PART 657 - Marbett® Bi-material Return Roller

Drawing

Roller Diameter Ø 2.36 in
Insert Diameter Ø 0.93 in
Bore Diameter
Roller Length 2.99 in
Length Through Bore 3.23 in

Photo shows a bi-material return roller with 1/2 inch shaft diameter, 3.23 inches length through bore, without flange.
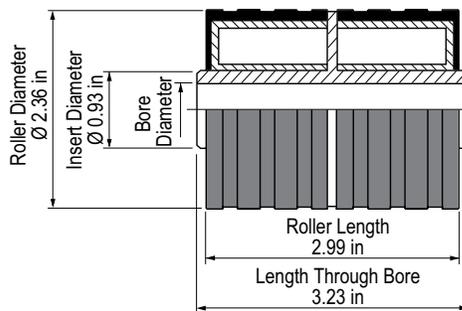
Product Information

Part Number	Shaft Diameter (in)	Bore Diameter (in)
657-656982	$^1/_2$	0.52
657-657002	$^5/_8$	0.65
657-656692	$^3/_4$	0.77

Additional Notes

Roller and bushing in white acetal (POM)
Outer surface in grey rubber

PART 555 - Marbett® Guide Flange

Drawing

Flange Diameter Ø 2.78 in
Bore Diameter
Flange Thickness 0.08 in

Photo shows Guide Flange internally lubricated black nylon.
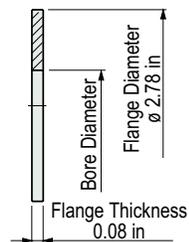
Product Information

Part Number	Shaft Diameter (in)	Bore Diameter (in)
555-632702	$^1/_2$	0.51

Additional Notes

Internally lubricated black nylon (PA)
Can be applied to rollers (Part 613)

Marbett® Conveying Components Product Portfolio

PART 302 - Marbett® Ratchet Handle
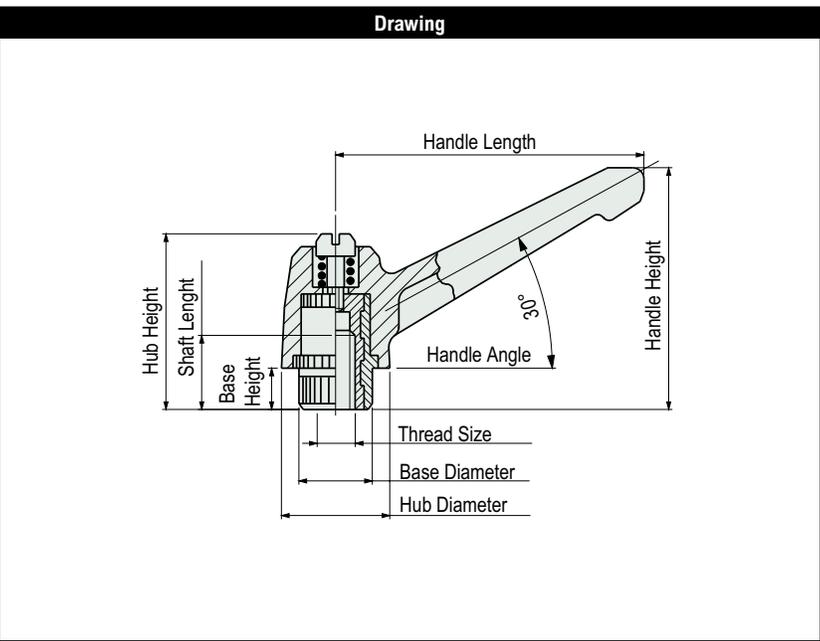
Photo shows a ratchet handle with 5/16-18 threaded insert.

Drawing

Handle Length
Hub Height
Shaft Lenght
Base Height
Handle Angle
30°
Handle Height
Thread Size
Base Diameter
Hub Diameter

Product Information

Part Number	Thread Size	Handle Length (in)	Height				Diameter	
			Handle (in)	Base (in)	Shaft (in)	Hub (in)	Base (in)	Hub (in)
302-60852	5/16-18	2.17	2.01	0.39	0.5500	1.46	0.59	0.79
302-60952	3/8-16	3.11	2.64	0.43	0.7900	1.89	0.79	1.10

Additional Notes

Handle in reinforced nylon (PA)
Threaded insert in nickel plated brass

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PART 303 - Marbett® Ratchet Handle
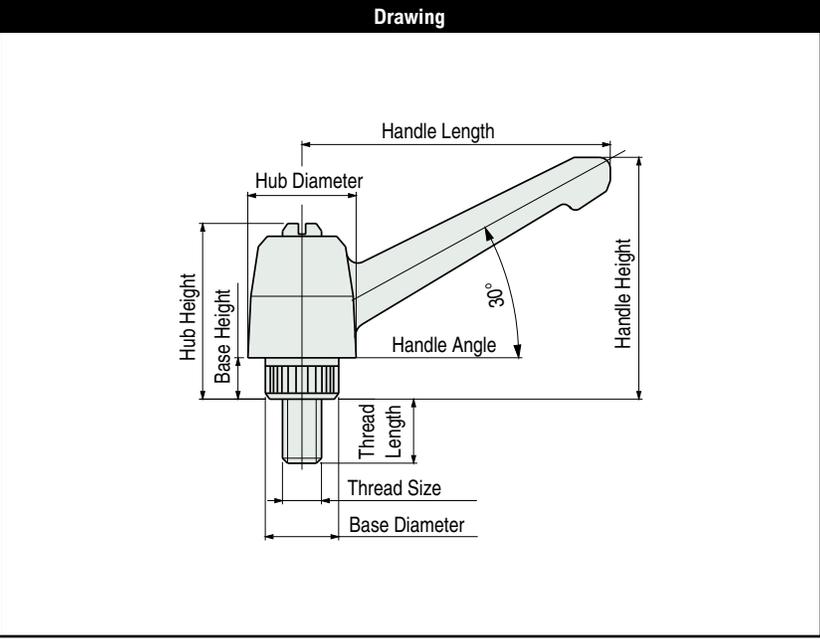
Photo shows a ratchet handle with an M6 threaded spindle.

Drawing

Handle Length
Hub Diameter
Hub Height
Base Height
Handle Angle
30°
Handle Height
Thread Length
Thread Size
Base Diameter

Product Information

| Part Number	Thread Size	Handle Length	Height				Diameter	
			Handle	Base	Shaft	Hub	Base	Hub
303-60912	1/4"-20	1.57 in	1.57 in	0.28 in	-	1.26 in	0.45 in	0.63 in
303-60922	M6	1.57 in	1.57 in	0.28 in	-	1.26 in	0.45 in	0.63 in

Additional Notes

Handle in reinforced nylon (PA)
Spindle in stainless steel

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PART 905 - Marbett® Modular Nose-Over Bar (Standard)

Drawing

Hole Spacing (Length)
1.50 in

1.50 in

Hole Spacing (Width)
0.75 in

Mounting Hole to Front of Nose-over
1.13 in

Hole diameter Ø 0.33 in 4 PLCS

Overall Length
6.00 in

Module Thickness
0.75 in

Module Width
2.62 in

Photo shows a standard profile nose-over bar without hardware.
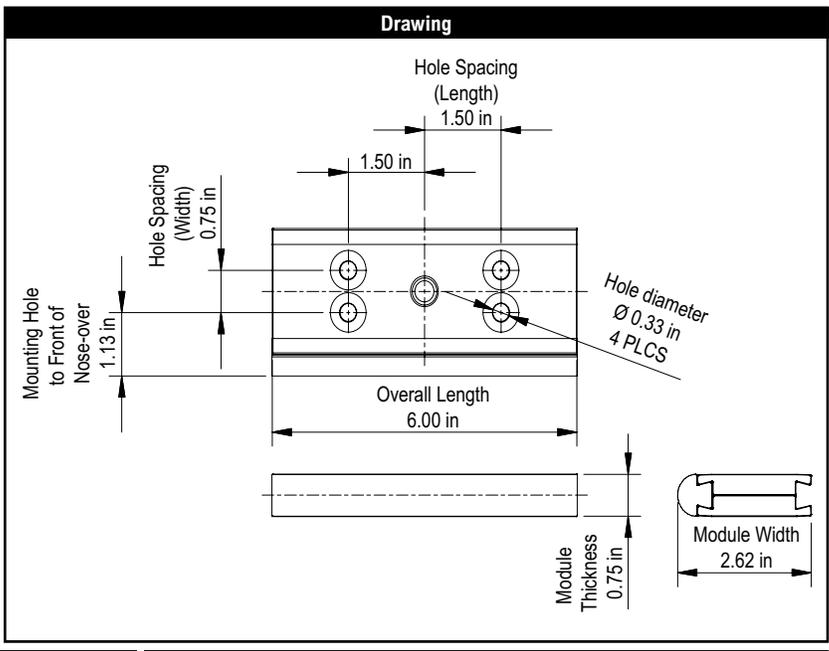
Product Information

Part Number	Module	
	Width	Thickness
905-655711	2.62 in	0.75 in

Additional Notes

Base in reinforced nylon (PA)
Nosebar in moly filled nylon
Uses standard 5/16 in (M8) flat head screws (not included)

PART 905 - Marbett® Modular Nose-Over Bar (Low Profile)

Drawing

Hole Spacing (Length)
1.50 in

1.50 in

Hole Spacing (Width)
0.75 in

Mounting Hole to Front of Nose-over
1.13 in

Overall Length
6.00 in

Module Thickness
0.75 in

Hole Diameter Ø 0.50 in 4 PLCS

Mounting Plate Thickness

Module Width
2.62 in

Photo shows, a low profile nose-over bar, 1/4 inch mounting plate thickness, 1/4-20 hardware.

Product Information

Part Number	Mounting Plate Thickness (in)	Hardware Size
905-655721	0.31	M6
905-655731	0.25	1/4-20

Additional Notes

Base in reinforced nylon (PA)
Nosebar in moly filled nylon
Screws in stainless steel; Threaded insert in brass

PART 905 - Marbett® Modular Nose-Over Bar (Dynamic)	Drawing

Photo shows Marbett Dynamic Nose-over Bar.
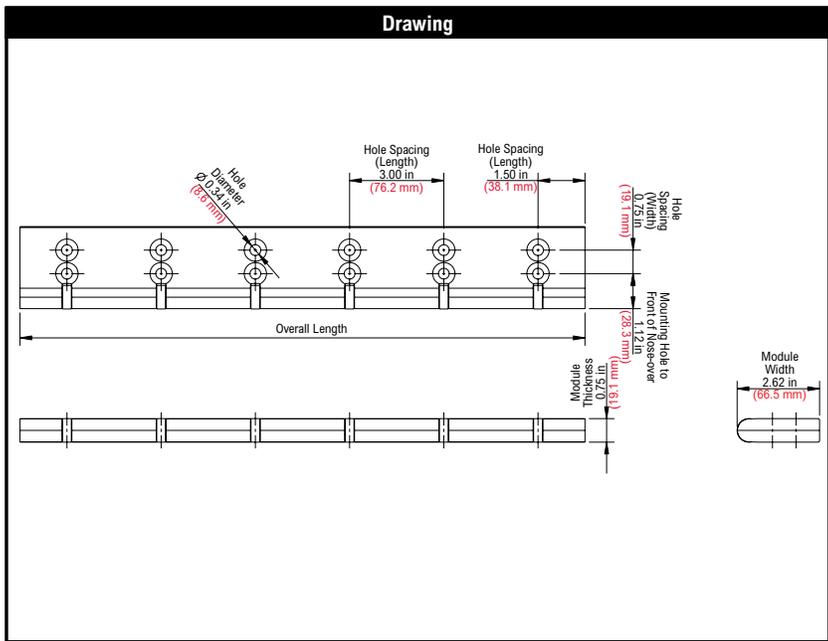
Product Information			
Part Number	Module		
	Thickness (in)	Width (in)	Length (in)
905-656231	0.75	2.62	18
905-656241	0.75	2.62	24

Additional Notes

Base is UHMWPEE
Uses standard 5/16 in (M8) flat head screws (not included)

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PART 180 - Marbett® Tube End

Photo shows a tube end for round 2 inch tubing,
3/4-10 threaded insert.

Drawing
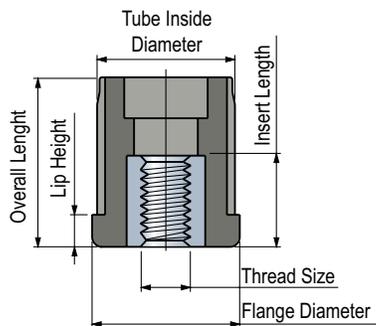
Tube Inside Diameter

Overall Lenght

Lip Height

Insert Length

Thread Size

Flange Diameter

Product Information

| Part Number	Tube		Pipe Wall Thickness (in)	Thread Size	Flange Diameter (in)	Height			Maximum Static Load (lb)
	OD (in)	ID (in)				Lip (in)	Overall	Insert	
180-655741	2.00	1.72	0.109	³/₄-10	1.97	0.35	2.20 in	1.18 in	1,800

Additional Notes

Bushing in reinforced nylon (PA)
Threaded insert in nickel plated brass

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PART 224 - Marbett® Tube End

Photo shows a tube end for square 2 inch tubing,
5/8-11 threaded insert.

Drawing
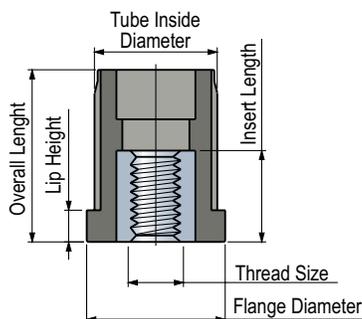
Tube Inside Diameter

Overall Lenght

Lip Height

Insert Length

Thread Size

Flange Diameter

Product Information

Part Number	Tube		Pipe Wall Thickness (in)	Thread Size	Flange Diameter (in)	Height			Maximum Static Load (lb)
	OD (in)	ID (in)				Lip (in)	Overall (in)	Insert (in)	
224-59241	2.00	1.80	0.109	³/₄-10	1.91	0.39	2.17	1.18	1,800
224-59261	2.00	1.80	0.109	⁵/₈-11	1.91	0.39	2.17	0.94	1,125

Additional Notes

Bushing in reinforced nylon (PA)
Threaded insert in nickel plated brass

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PART 94 - Marbett® Teardrop Leveler	Drawing

Photo shows Teardrop Leveler with stainless steel nut and footplate in reinforced nylon.
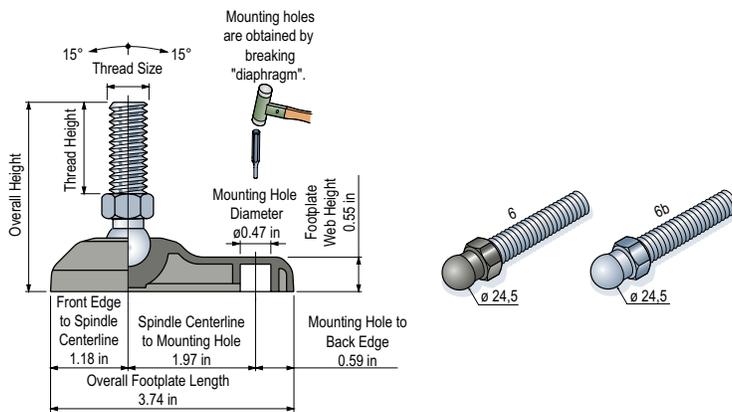
Product Information				
Part Number	Thread Size	Overall Height (in)	Thread Height (in)	Spindle Type
94-655081	³/₄-10	7.70	5.91	6b
94-655101	³/₄-10	7.70	5.91	6
94-655121	³/₄-10	10.70	9.02	6
94-656071	M20	7.41	6.06	6b

Additional Notes

Footplate in reinforced nylon (PA)
All assemblies supplied with stainless steel nut
Anti-slip pad also avaiable. Code no: 0-696171
Material: Rubber (black), 70 shore

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PART 133 - Marbett® Leveler	Drawing

Photo shows Leveler with stainless steel nut and footplate in reinforced nylon.
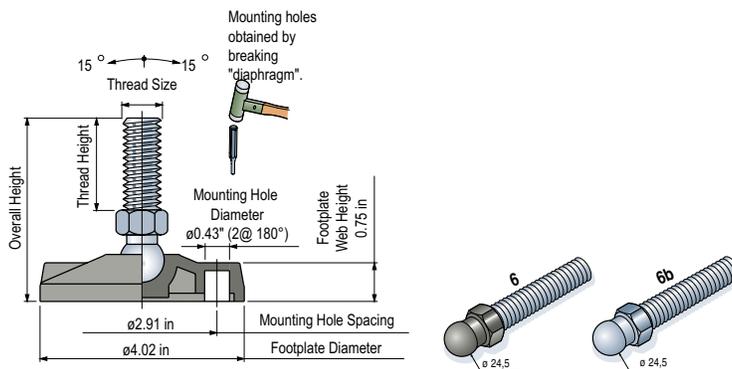
Product Information				
Part Number	Thread Size	Overall Height (in)	Thread Height (in)	Spindle Type
133-636882	³/₄-10	7.72	7.33	6b
133-64795	³/₄-10	10.72	9.02	6
133-656081	M20	7.41	6.06	6b
133-67972	⁵/₈-11	7.72	5.91	6
133-67982	³/₄-10	7.72	5.91	6

Additional Notes

Footplate in reinforced nylon (PA)
All assemblies supplied with stainless steel nut
Anti-slip pad also avaiable. Code no: 0-630052
Material: Rubber (black), 70 shore

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PART 323 - Marbett® Leveler

Photo shows Leveler with stainless steel nut and footplate in reinforced nylon.

Drawing

15° 15°
Thread Size
Overall Height
Thread Height
Mounting holes obtained by breaking "diaphragm".
Mounting Hole Diameter ø0.35" (2@ 180°)
Footplate Web Height 0.63 in
ø2.13 in
Mounting Hole Spacing
ø3.15 in
Footplate Diameter
1a
ø 14,2
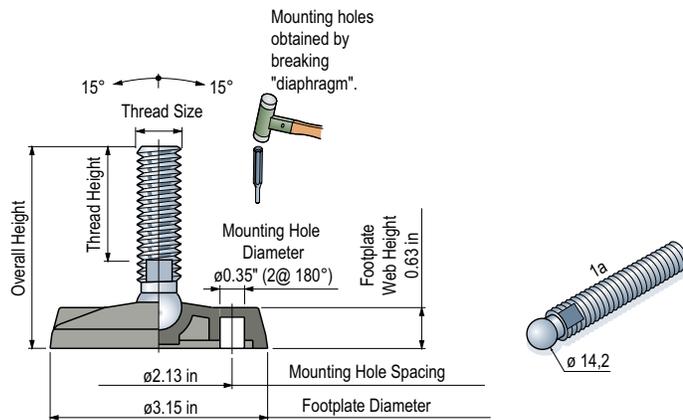
Product Information

| Part Number	Thread Size	Overall Height (in)	Thread Height (in)	Spindle Type
323-650161	³/₄-10	6.89	5.67	1a
323-655761	³/₄-10	4.14	2.88	1a

Additional Notes

Footplate in reinforced nylon (PA)
All assemblies supplied with stainless steel nut
Anti-Slip pad also available Code no.: 0-61632
Material: Rubber (black), 70 Shore

PART 479 - Marbett® Leveler

Photo shows Leveler with stainless steel nut and footplate in reinforced nylon.

Drawing

15° 15°
Thread Size
Overall Height
Thread Height
Mounting holes obtainable by breaking "diaphragm".
Mounting Hole Diameter ø0.43" (2@ 180°)
Footplate Web Height 0.63 in
ø3.27 in
Mounting Hole Spacing
ø4.33 in
Footplate Diameter
6
ø 24,5
6b
ø 24,5
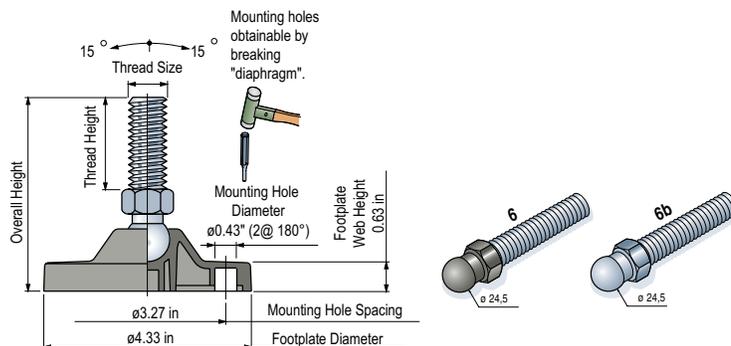
Product Information

Part Number	Thread Size	Overall Height (in)	Thread Height (in)	Spindle Type
479-651331	³/₄-10	8.18	5.90	6
479-653131	⁵/₈-11	8.18	5.90	6
479-653691	³/₄-10	11.19	9.02	6
479-655941	³/₄-10	8.18	5.90	6b

Additional Notes

Footplate in reinforced nylon (PA)
All assemblies supplied with stainless steel nut

PART 169 - Marbett® Leveler	Drawing

Photo shows Leveler with footplate in reinforced nylon.

2° ⟋⟍ 2°
Thread Size
Mounting holes are obtained by breaking "diaphragm".
Overall Height
Thread Height
Mounting Hole Diameter
ø0.49" (2 @ 180°)
Footplate Web Height 0.79 in
ø3.88 in
ø4.84 in
Mounting Hole Spacing
Footplate Diameter

21
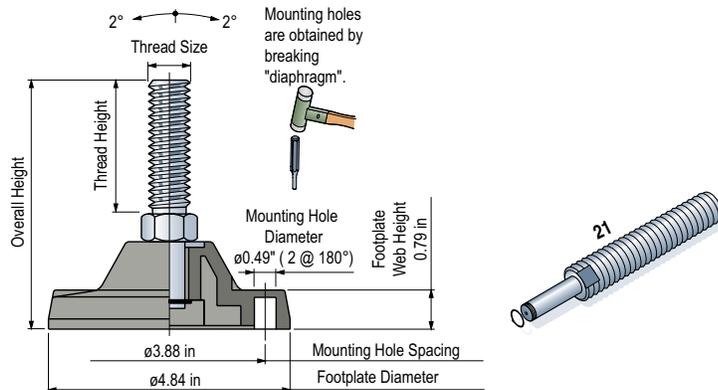
Product Information

Spindle Material	Part Number	Height		Thread Size	Spindle Type
		Overall (in)	Thread (in)		
Stainless Steel	169-651741	7.60	5.44	1-8	21
Zinc Plated	169-651821	7.60	5.44	1-8	21

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Additional Notes

Footplate in reinforced nylon (PA)
All assemblies supplied with stainless steel nut
Anti-slip pad also avaiable. Code no: 0-61653
Material: Rubber (black), 70 shore

MARBETT® PRODUCT PORTFOLIO INDEX

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