

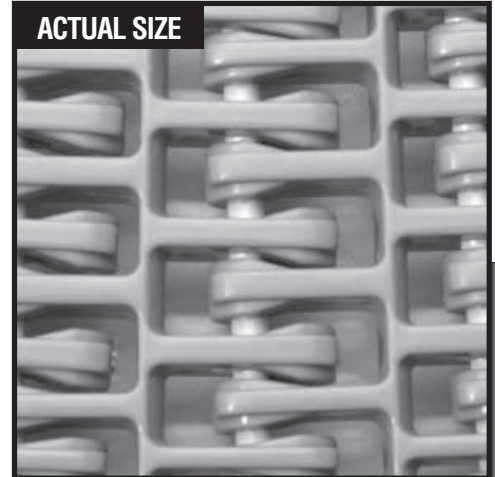
# Spiral 1-1/2" Pitch Belting



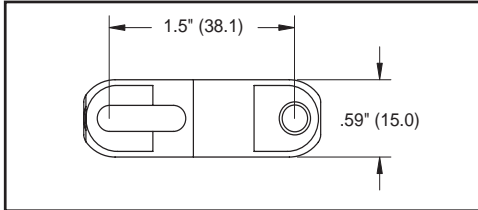
**ALL-IN-ONE (IS61500)**

## All-in-One (IS61500)

- 1-1/2 inch pitch
- Turning radius equals 2.2 times the nominal belt width up to 24". Turning radius equals 2.5 times the nominal belt width over 24".
- 75% open area
- Built to USDA & FDA standards
- Connecting rod diameter = 3/16 inch
- Double sided
- Standard belt width increments = 3 inch (76.2) nominal, starting from 7.25 inch (184.15). Non-standard widths available in 5/8 inch (15.9) increments starting at 5 inches upon request.
- Material selection may affect belt width - please consult factory for actual dimensions



Spiral Belting



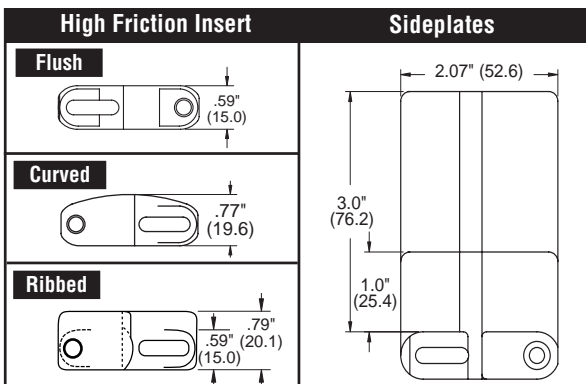
Certified dimensions of ordered material furnished upon request.

## BELT DATA

Belt Material	Color	Standard Rod Material	Maximum Belt Pull		Belt Weight		Continuous Temp. Range		Agency Standards	
			LBS	N	LB/FT <sup>2</sup>	kg/m <sup>2</sup>	F°	C°	FDA	USDA meat/poultry
Propylene	gray or blue	Nylon	250	1,111	1.19	5.81	+50 to +210	+10 to +99	✓	✓
Acetal	off-white or blue	Nylon	400	1,778	1.83	8.69	-40 to +200	-40 to +93	✓	✓
Nylon 2	dark gray	Nylon	400	1,778	1.53	7.37	-40 to +245	-40 to +118	✓	✓

Additional belt colors available, please consult factory. Consult factory for material recommendations for higher intermittent temperatures. Please refer to Engineering Data for the effect of operational conditions on belt pull.

## BELT ACCESSORIES



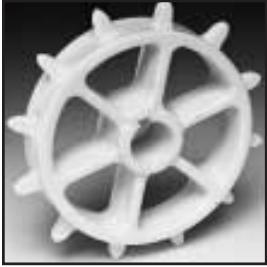
Note: High friction inserts may affect belt pull - please consult factory.

Note: Sideplates must be indented a minimum of 1-1/4" from outside edge of belt.

**SPROCKET DATA** — For sprocket information, see page 12-10.

**CAGE BAR CAPS** — See page 12-15.

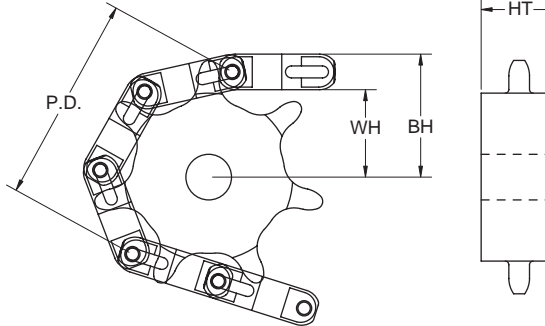
## Sprocket Information 1-1/2" Pitch All-in-One (IS61500)



Molded Sprocket



Machined Sprocket



Split Sprockets and other sizes are available - consult factory for non-standard sizes

Sprocket Part Number	No. of Teeth	(PD) Nominal Pitch Diameter		(WH) Shaft Center to Top of Wearstrip		(BH) Shaft Center to Top of Belt		(HT) HUB Thickness	
		in.	mm	in.	mm	in.	mm	in.	mm
SP71507	7	3.46	88	1.26	32	2.03	51.54	.74	19
71509M	9	4.39	112	1.77	45	2.49	63.22	1.5	38
71512M	12	5.80	147	2.51	64	3.2	81.25	1.5	38
SP71515	15	7.22	183	3.24	82	3.91	99.27	.75	19
SP71517	17	8.16	207	3.72	94	4.38	111.2	.75	19

**M** = Molded Sprocket **MS** = Molded Split Sprocket

Sprocket Part Number	Available Bore Size													
	25 mm	1"	1" sq.	30 mm	1-1/4"	1-7/16"	1-1/2"	1-1/2" sq.	40 mm	40 mm sq.	1-15/16"	50 mm	2"	2" sq.
SP71507	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	-	-	-
71509M	-	✓	-	✓	✓	✓	✓	✓	✓	-	✓	-	✓	-
71512M	-	✓	-	✓	✓	✓	✓	✓	✓	-	✓	-	✓	-
SP71515	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SP71517	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-

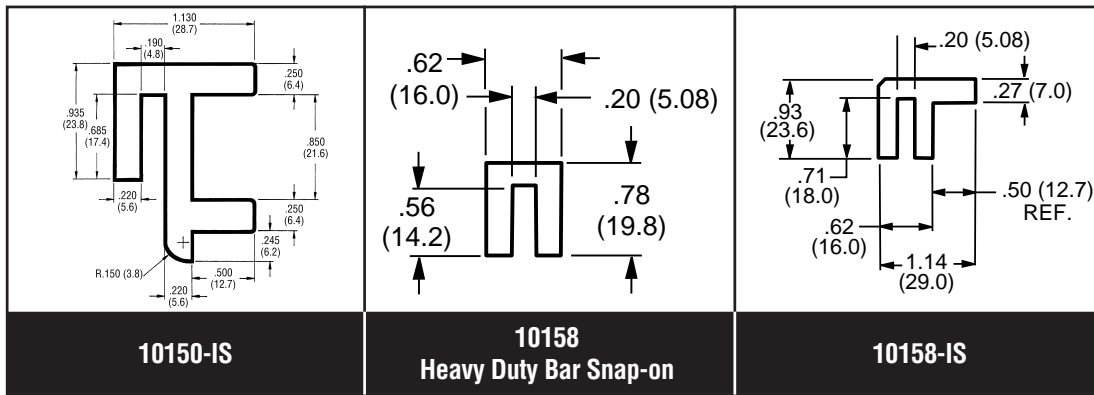
**M** = Molded Sprocket **MS** = Molded Split Sprocket. All bores are round unless designated square (sq.).

For Keyway Dimensions refer to KVP Engineering Guidelines, Pg. 40, Table 13.

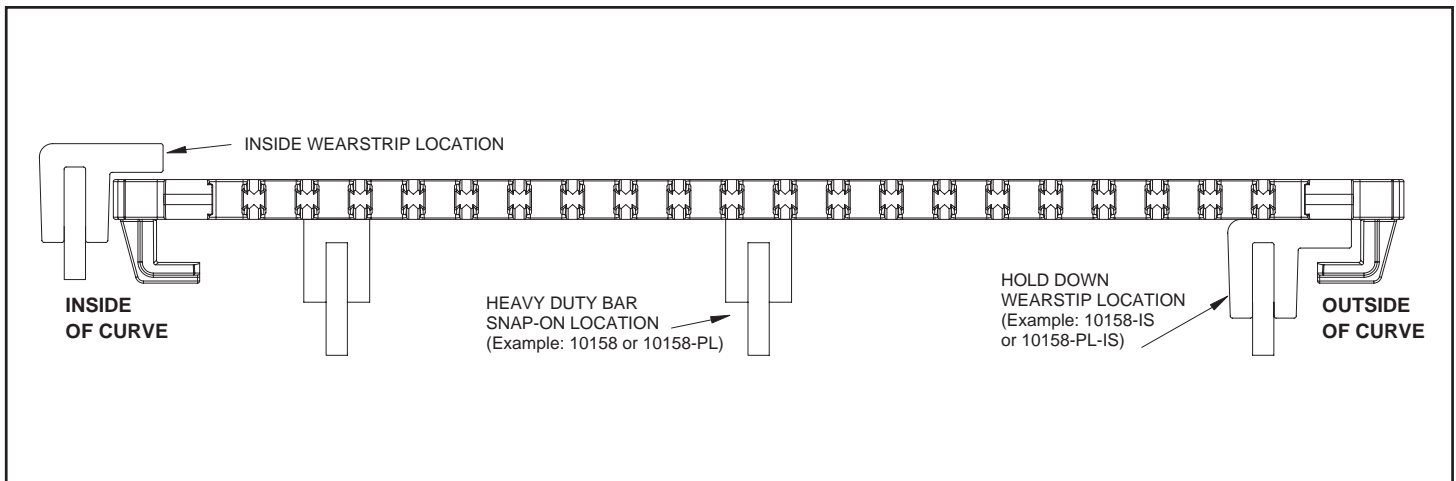
# Wearstrip and Cage Bar

## ANGLE AND SNAP-ON WEARSTRIP

KVP offers the wearstrip shown below for easy conveyor construction. All wearstrips are sold in 20' lengths. All wearstrips are designed to snap onto 3/16 inch support frames. Wearstrip is available in UHMW polyethylene or a prelubricated material to further reduce friction.

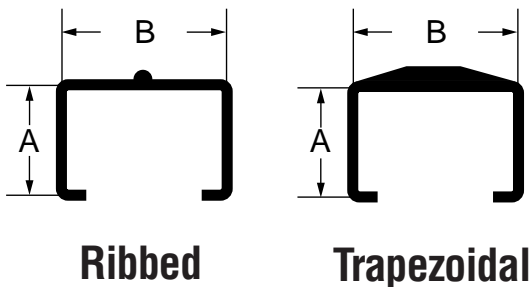


Spiral Belting



## CAGE BAR CAPS (For Spiral Conveyors)

Cage bar caps are available in a ribbed or trapezoid design. Contact our customer service department for assistance in choosing the proper shape.



Cage Bar Style	Part #	A	B
Ribbed	CB-1/2 x 1	.5	1.03
Trapezoid	CB-TP-1/2 x 1	.5	1.03
Ribbed	CB-1 x 1	1.03	1.03
Trapezoid	CB-TP-1 x 1	1.03	1.03
Ribbed	CB-1.5 x 2	1.53	2.03
Trapezoid	CB-TP-1.5 x 2	1.53	2.03