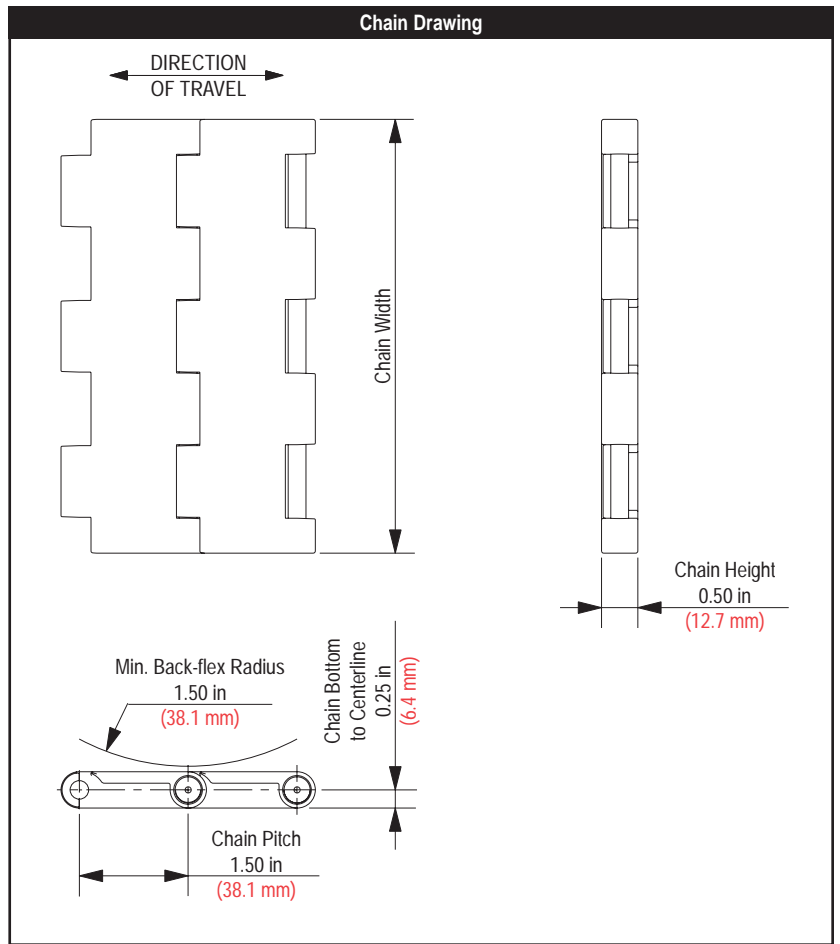




Chain is shown in Low Friction (LF) material.



Chain Information		
Chain Capacity	Number of Sprockets	
	per ft of width	per m of width
0% - 80%	2	7
80% - 100%	4	13

Available Materials													
Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight		FDA Approval
			Fahrenheit			Celsius							
			min	max		min	max		lbs/ft	N/m	lbs/ft²	kg/m²	
Standard Materials													
HT	High Temperature	Acetal	+40	+220	+212	+4	+104	+100	600	8,754	1.26	6.19	✓
WHT	White High Temperature	Acetal	+40	+220	+212	+4	+104	+100	600	8,754	1.26	6.19	✓
LF	Low Friction	Acetal	-40	+180	+150	-40	+82	+66	1,200	17,508	1.86	9.14	✓
WLT	White Low Temperature	Polyethylene	-100	+80	+80	-73	+27	+27	400	5,836	1.38	6.78	✓
BLT	Blue Low Temperature	Polyethylene	-100	+80	+80	-73	+27	+27	400	5,836	1.38	6.78	✓
MR	Melt Resistant	Acetal	-80	+220	NR	-62	+104	NR	1,200	17,508	1.86	9.14	-
Made-to-Order Materials													
AS	Anti-Static	Acetal	0	+180	+150	-18	+82	+66	720	10,505	1.86	9.14	-
RHT	Red High Temperature	Acetal	+40	+220	+212	+4	+104	+100	600	8,754	1.26	6.19	✓
FR	Flame Retardant	Acetal	0	+180	+140	-18	+82	+60	1,020	14,882	1.86	9.14	-
HS	Heat Stabilized	Acetal	-40	+220	+212	-40	+104	+100	1,200	17,508	1.86	9.14	-
WLF	White Low Friction	Acetal	-40	+180	+150	-40	+82	+66	1,200	17,508	1.86	9.14	✓
BSM	Black Cut Resistant	Acetal	-40	+180	+150	-40	+82	+66	1,200	17,508	1.86	9.14	✓
P	Chemical Resistant	Polypropylene	0	+180	+140	-18	+82	+60	1,020	14,882	1.86	9.14	✓
LUV	Low Temp. Ultraviolet Resistant	Polyethylene	-40	+80	+80	-40	+27	+27	400	5,836	1.38	6.78	-
HUV	High Temp. Ultraviolet Resistant	Acetal	+40	+220	+180	+4	+104	+82	600	8,754	1.26	6.19	-
BWR	Black Wear Resistant	Acetal	-40	+180	NR	-40	+82	NR	1,200	17,508	1.86	9.14	-
WX	Green Abrasion Resistant Polyamide	Acetal	-40	+220	NR	-40	+104	NR	1,200	17,508	1.86	9.14	-
TC	Tough Composite	Polypropylene	+40	+220	+212	+4	+104	+100	900	13,131	1.52	7.47	-

Chain strength is listed at room temperature. NR = Not Recommended.

Regulatory Information
<p>The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.</p> <p>Rexnord and MatTop are trademarks of Rexnord Industries, LLC. All rights reserved.</p>

Additional Notes
<ol style="list-style-type: none"> <li>For chain width information see page MT - WIDTH - 1 at end of MatTop® section.</li> <li>Open area = 2.1%.</li> </ol>

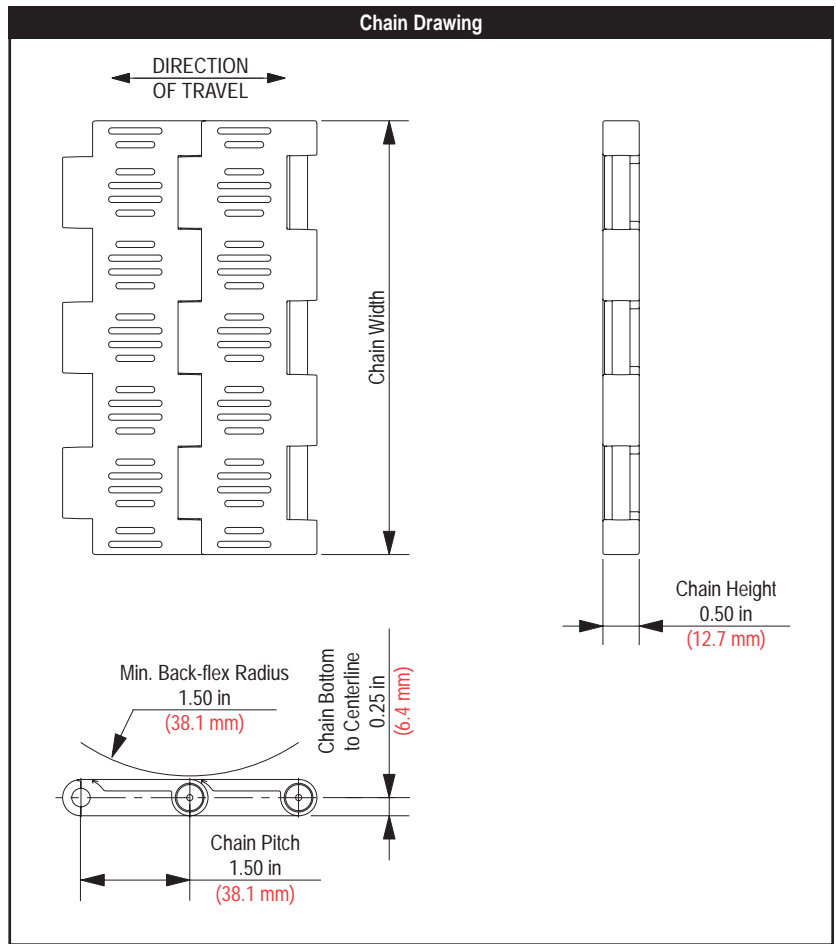








Chain is shown in Low Friction (LF) material.



Chain Information		
Chain Capacity	Number of Sprockets	
	per ft of width	per m of width
0% - 80%	2	7
80% - 100%	4	13

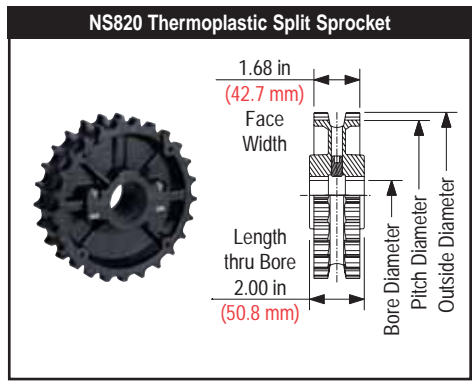
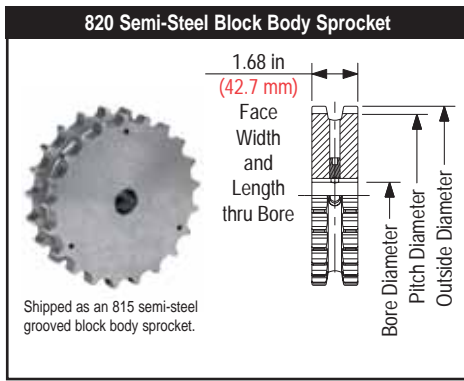
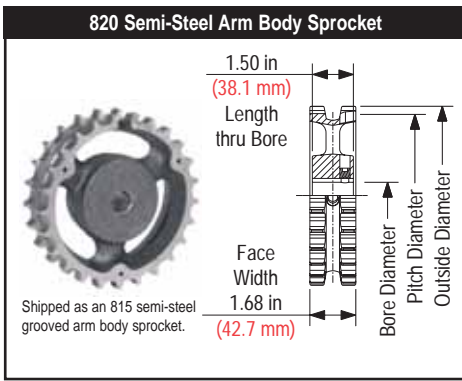
Available Materials													
Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight		FDA Approval
			Fahrenheit			Celsius							
			min	max		min	max		lbs/ft	N/m	lbs/ft <sup>2</sup>	kg/m <sup>2</sup>	
Standard Materials													
HT	High Temperature	Acetal	+40	+220	+212	+4	+104	+100	600	8,754	1.12	5.47	✓
LF	Low Friction	Acetal	-40	+180	+150	-40	+82	+66	1,200	17,508	1.62	7.91	✓
Made-to-Order Materials													
AS	Anti-Static	Acetal	0	+180	+150	-18	+82	+66	720	10,505	1.62	7.91	-
FR	Flame Retardant	Acetal	0	+180	+140	-18	+82	+60	1,020	14,882	1.62	7.91	-
WHT	White High Temperature	Acetal	+40	+220	+212	+4	+104	+100	600	8,754	1.12	5.47	✓
RHT	Red High Temperature	Acetal	+40	+220	+212	+4	+104	+100	600	8,754	1.12	5.47	✓
WLF	White Low Friction	Acetal	-40	+180	+150	-40	+82	+66	1,200	17,508	1.62	7.91	✓
WLT	White Low Temperature	Polyethylene	-100	+80	+80	-73	+27	+27	400	5,836	1.23	6.01	✓
BLT	Blue Low Temperature	Polyethylene	-100	+80	+80	-73	+27	+27	400	5,836	1.23	6.01	✓
MR	Melt Resistant	Acetal	-80	+220	NR	-62	+104	NR	1,200	17,508	1.62	7.91	-
DUV	Ultraviolet Resistant	Acetal	0	+180	+150	-18	+82	+66	1,200	17,508	1.62	7.91	-
LUV	Low Temp. Ultraviolet Resistant	Polyethylene	-40	+80	+80	-40	+27	+27	400	5,836	1.23	6.01	-
HUV	High Temp. Ultraviolet Resistant	Acetal	+40	+220	+180	+4	+104	+82	600	8,754	1.12	5.47	-
BWR	Black Wear Resistant	Acetal	-40	+180	NR	-40	+82	NR	1,200	17,508	1.62	7.91	-

Chain strength is listed at room temperature. NR = Not Recommended.

Regulatory Information
The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.
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Additional Notes
1. For chain width information see page MT - WIDTH - 1 at end of MatTop® section.
2. Open area = 22.1%.





#### 820 Semi-Steel Arm Body Sprocket Information

Number of Teeth	Pitch Diameter	Outside Diameter	Bore Diameter (Shaft-Ready)												Bore Diameter (Round)				Approximate Weight	
			Round						Square						in		mm			
			in	mm	min	max	min	max	in	mm	min	max	min	max	in	mm				
19	9-1/2	4.622	117.35	4.61	117.1	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	3.28	1.49	
20	10	4.854	123.29	4.86	123.4	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	3.81	1.73	
21	10-1/2	5.089	129.26	5.12	130.0	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	4.63	2.10	
22	11	5.324	135.23	5.35	135.9	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	4.21	1.91	
23	11-1/2	5.560	141.22	5.59	142.0	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	5.31	2.41	
24	12	5.796	147.22	5.83	148.1	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	4.41	2.00	
25	12-1/2	6.032	153.21	6.07	154.2	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	5.57	2.53	
27	13-1/2	6.504	165.20	6.56	166.6	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	6.50	2.95	
29	14-1/2	6.978	177.24	7.05	179.1	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	6.72	3.05	
31	15-1/2	7.452	189.28	7.53	191.3	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	6.86	3.11	
41	20-1/2	9.826	249.58	9.93	252.2	1	2-1/2	20	65	-	-	-	-	1	2-1/2	20	65	16.23	7.36	

Shaft-ready round bore sprockets are shipped with keyway and setscrew.

#### 820 Semi-Steel Block Body Sprocket Information

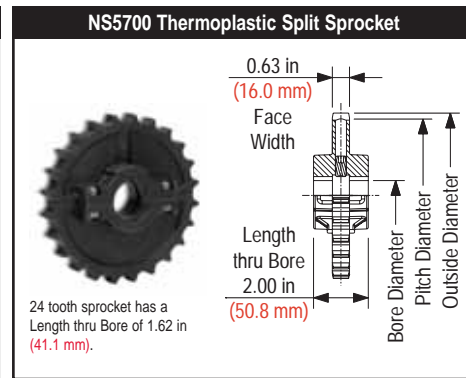
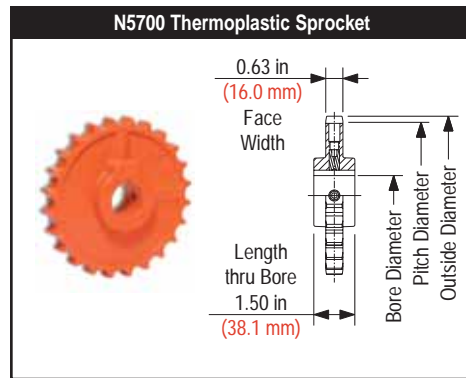
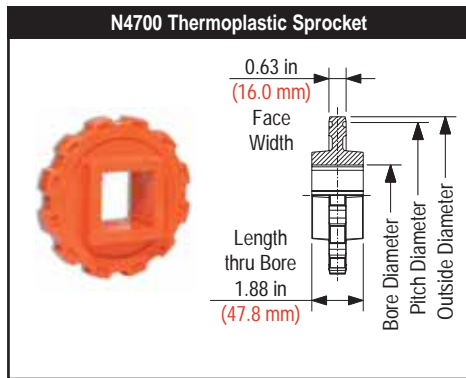
Number of Teeth	Pitch Diameter	Outside Diameter	Bore Diameter (Shaft-Ready)												Bore Diameter (Round)				Approximate Weight	
			Round						Square						in		mm			
			in	mm	min	max	min	max	in	mm	min	max	min	max	in	mm				
13	6-1/2	3.228	81.99	3.11	79.0	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	2.45	1.11	
15	7-1/2	3.688	93.68	3.63	92.2	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	3.57	1.62	
17	8-1/2	4.152	105.46	4.12	104.7	1	1-11/16	20	40	-	-	-	-	1	1-11/16	20	40	4.83	2.19	
21	10-1/2	5.089	129.26	5.12	130.0	1	2-11/16	20	70	-	-	-	-	1	2-11/16	20	70	4.63	2.10	
25	12-1/2	6.032	153.21	6.07	154.2	1	3-7/16	20	90	-	-	-	-	1	3-7/16	20	90	5.57	2.53	

Shaft-ready round bore sprockets are shipped with keyway and setscrews.

#### NS820 Thermoplastic Split Sprocket Information

Number of Teeth	Pitch Diameter	Outside Diameter	Bore Diameter (Shaft-Ready)												Bore Diameter (Idler)				Approximate Weight	
			Round						Square						in		mm			
			in	mm	min	max	min	max	in	mm	min	max	min	max	in	mm				
21	10-1/2	5.089	129.26	5.12	130.0	1	1-5/8	25	40	-	-	-	-	1	1-5/8	25	40	1.01	0.46	
23	11-1/2	5.560	141.22	5.59	142.0	1	1-5/8	25	40	-	-	-	-	1	1-5/8	25	40	1.19	0.54	
25	12-1/2	6.032	153.21	6.07	154.2	1	2	25	50	-	-	-	-	1	2	25	50	1.39	0.63	
27	13-1/2	6.504	165.20	6.56	166.6	1	1-5/8	25	40	-	-	-	-	1	1-5/8	25	40	1.76	0.80	

Imperial shaft-ready round bore sprockets are shipped with keyway and setscrew. Metric shaft-ready round bore sprockets are shipped with keyway, but without setscrew. Idler bores are designed to spin freely on the shaft.



#### N4700 Thermoplastic Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)				Bore Diameter (Idler)		Approximate Weight	
						Round		Square					
actual	effect	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
12	12	5.796	147.22	5.75	146.1	-	-	1-1/2, 2, 2-1/2	65	-	-	0.49	0.22
21	21	10.064	255.63	10.08	256.0	-	-	2-1/2	65	-	-	0.77	0.35

#### N5700 Thermoplastic Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)				Bore Diameter (Idler)		Approximate Weight	
						Round		Square					
actual	effect	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
24	12	5.796	147.22	5.80	147.3	1, 1-3/16, 1-1/4 1-7/16, 1-1/2	25, 30, 35	-	-	-	-	1.01	0.46

Shaft-ready round bore sprockets are shipped with keyway and setscrew.

#### NS5700 Thermoplastic Split Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)		Approximate Weight			
						Round				Square									
actual	effect	in	mm	in	mm	in		mm		in		mm		in	mm	lbs	kg		
						min	max	min	max	min	max	min	max						
21	10-1/2	5.089	129.26	5.12	130.1	1	1-1/2	25	35	-	-	-	-	1	1-1/2	25	35	0.80	0.36
23	11-1/2	5.560	141.22	5.59	142.0	1	1-1/2	25	35	-	-	-	-	1	1-1/2	25	35	0.91	0.41
24	12	5.796	147.22	5.81	147.6	1	1-1/2	25	35	-	-	-	-	1	1-1/2	25	35	1.01	0.46
25	12-1/2	6.032	153.21	6.07	154.2	1	1-15/16	25	50	-	-	-	-	1	1-15/16	25	50	1.04	0.47
27	13-1/2	6.504	165.20	6.57	166.9	1	1-1/2	25	35	-	-	-	-	1	1-1/2	25	35	1.04	0.47

Imperial shaft-ready round bore sprockets are shipped with keyway and setscrew. Metric shaft-ready round bore sprockets are shipped with keyway, but without setscrew. Idler bores are designed to spin freely on the shaft.

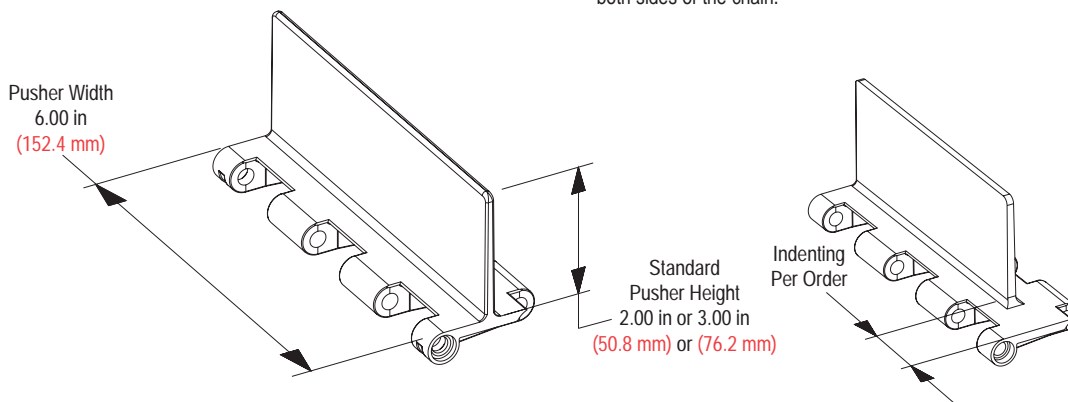
### Pusher Attachment (F-Style)

All pusher attachments are molded 6 in (152.4 mm) wide and can be cut down to a minimum height of 1/4 in (6.35 mm).

The F2 designation represents an F-style pusher attachment at a height of 2 in (50.8 mm).

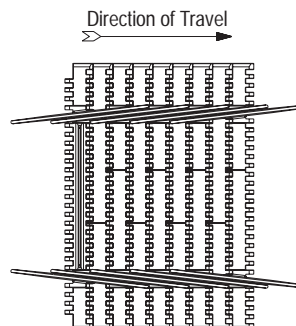
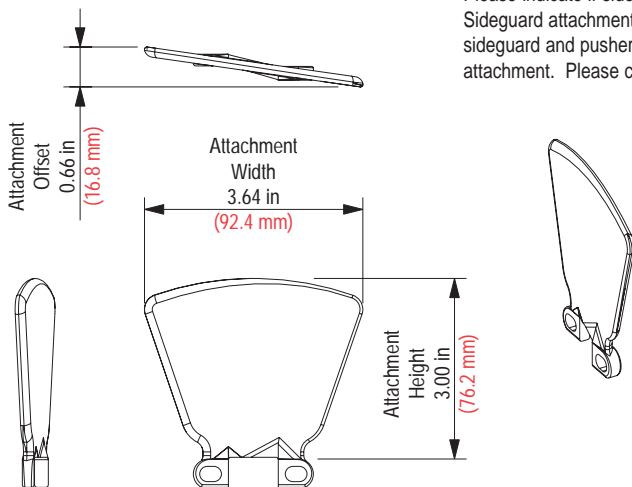
Please indicate if pusher attachments are required every pitch, every second pitch, etc. when ordering. Also, indicate if indents are required in the center, on one or both sides of the chain.

For example, "I would like F2 pusher attachments every 8th pitch indented 3/4 in on both sides of the chain."

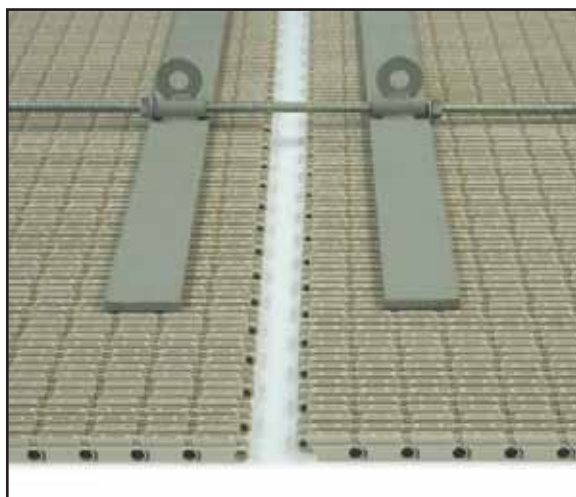


### Sideguard Attachment

Please indicate if sideguard attachments are required down one or both sides of the chain when ordering. Sideguard attachments can be cut down to a minimum height of 1 in (25.4 mm). If the chain is ordered with both sideguard and pusher attachments, the sideguard attachment will be furnished the **same height** as the pusher attachment. Please contact Rexnord Industries, Inc if any deviations from this standard are required.



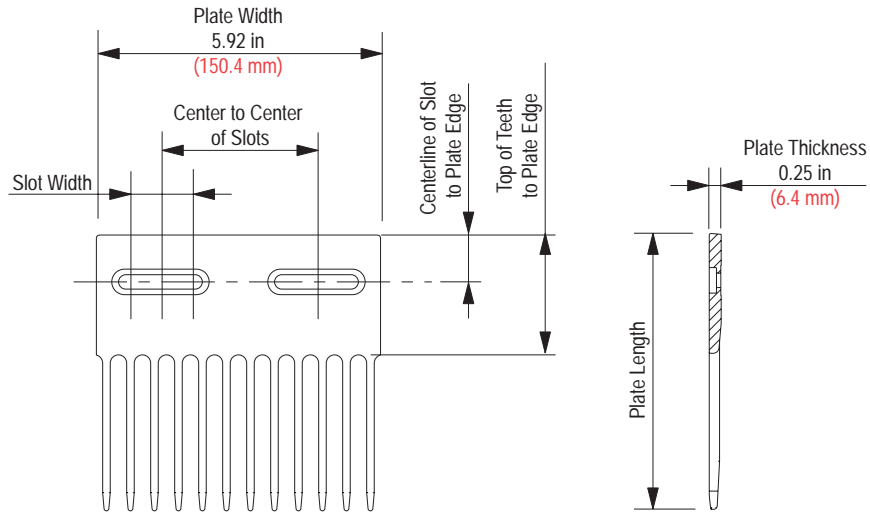
### 4707 Chain Assembly Tool



The chain assembly tool is designed to ease installation of 4707 MatTop® chains on long or wide conveyors. The tool is available in 12 inch and 36 inch widths. Different combinations of tool widths are recommended for various chain widths.

Puller Width in	Part Number
12.00	614-78-1
36.00	614-79-1

**Transfer Comb**



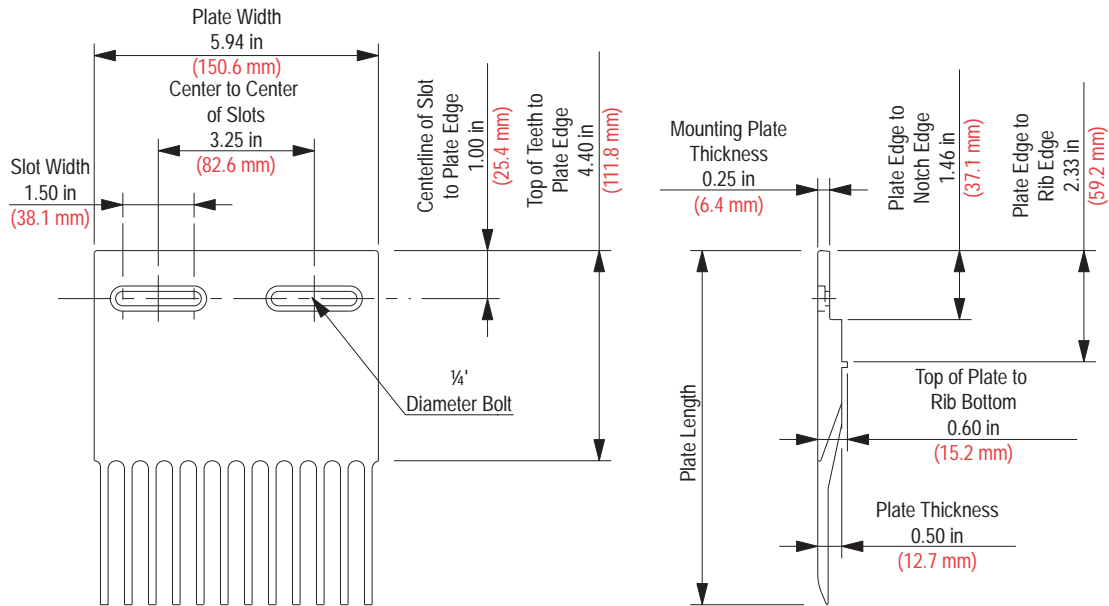
The 114-222-1 transfer comb is molded of white acetal. The 114-1010-1 and 114-683-1 transfer combs are molded of a black proprietary high temperature material.

Transfer comb kits are supplied with screws and slot caps.

For 4707 and 5997 chains only.

Transfer Comb Kit Number	Transfer Plate Part Number	Screw Part Number	Slot Caps Part Number	Plate Length		Slot Width		Centerline of Slot to Plate Edge		Top of Teeth to Plate Edge		Center to Center of Slots		Approximate Weight	
				in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
614-72-1	114-222-1	114-870-1	114-869-2	5.75	146.1	0.75	19.1	1.00	25.4	2.24	56.9	4.00	101.6	0.24	0.11
614-73-1	114-683-1	114-870-1	114-1009-2	8.50	215.9	1.50	38.1	2.00	50.8	3.50	88.9	3.25	82.6	0.28	0.13
614-74-1	114-1010-1	114-870-1	114-1009-2	7.50	190.5	1.50	38.1	1.00	25.4	2.50	63.5	3.25	82.6	0.30	0.17

**Heavy Duty Transfer Comb**

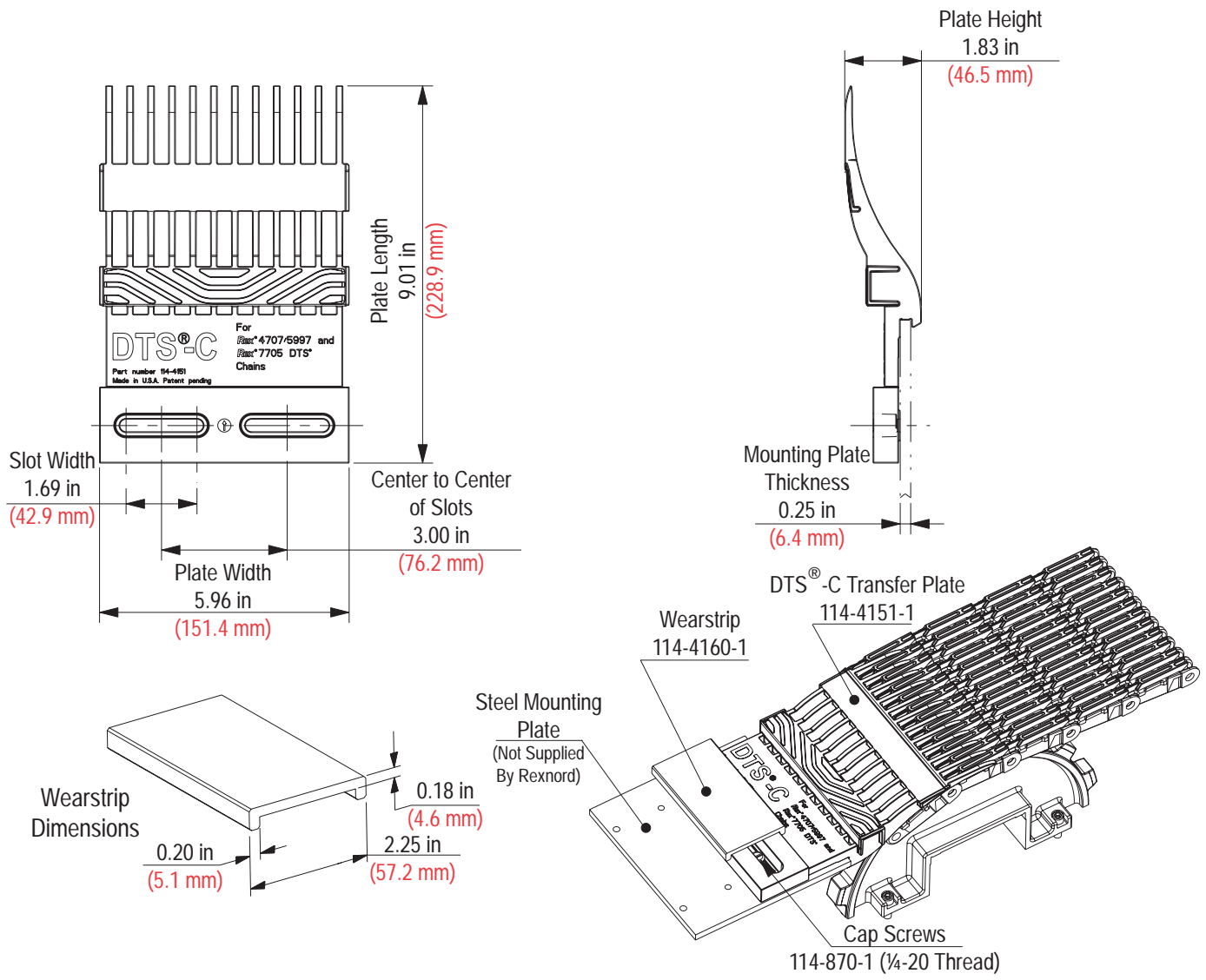


Transfer combs are molded of a proprietary black internally lubricated high temperature material.

Transfer comb kits are supplied with screws and slot caps.

For 4707 and 5997 chains only.

Transfer Comb Kit Number	Transfer Plate Part Number	Screw Part Number	Slot Caps Part Number	Plate Length		Slot Width		Centerline of Slot to Plate Edge		Top of Teeth to Plate Edge		Center to Center of Slots		Approximate Weight	
				in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
614-266-1	15997/607052	114-870-1	114-1009-2	6.18	157.0	1.50	38.1	1.00	25.4	4.40	112.0	3.25	82.6	0.48	0.22
614-267-1	15997/607042	114-870-1	114-1009-2	7.36	187.0	1.50	38.1	1.00	25.4	4.40	112.0	3.25	82.6	0.53	0.24
614-268-1	114-3275-1	114-870-1	114-1009-2	7.36	187.0	1.50	38.1	1.00	25.4	4.40	112.0	3.25	82.6	0.53	0.24



**DTS®-C Component Part Numbers**

Component Description	Kit Part Number	Comb Part Number	Screw Part Number	Wearstrip Part Number (10ft length)	For Use With:		
					Raised Rib Chain	DTS® Chain	Takeaway Chain
DTS®C Comb Kit	614-448-1	114-4151-1	114-870-1	NA	5997 or 4707	7705DTS-450	7705, 7706, or 1055
Wearstrip	NA			114-4160-1			

Each kit includes one comb and two mounting screws  
 Wearstrip is sold in 10 foot (3.048 m) lengths and is sold separately.