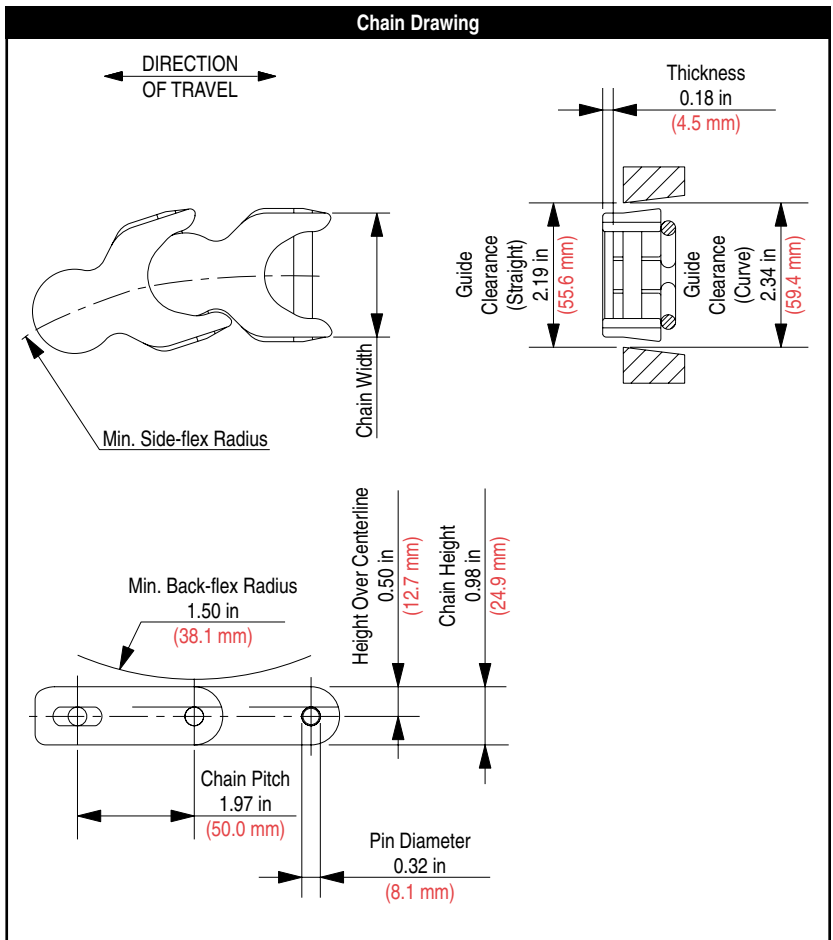




1701

Chain is shown in Low Friction (LF) material.



Chain Information						
Chain Width			Min. Side-flex Radius		Approximate Weight	
desc	in	mm	in	mm	lbs/ft	kg/m
N/A	2.09	53.2	5.50	139.7	0.95	1.42

Available Materials												
Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		FDA Approval	
			Fahrenheit			Celsius						
			min	max		min	max		lbs	N		
				dry	wet		dry	wet				
AS	Anti-Static	Stainless Steel	0	+180	+150	-18	+82	+66	360	1,601	-	
CR	Extreme Chemical Resistant	Stainless Steel	+40	+250	+212	+4	+121	+100	480	2,135	✓	
D	Plain Acetal	Stainless Steel	-40	+180	+150	-40	+82	+66	600	2,669	✓	
FR	Flame Retardant	Stainless Steel	0	+180	+140	-18	+82	+60	360	1,601	-	
HP™	High Performance	Stainless Steel	-40	+180	+150	-40	+82	+66	600	2,669	✓	
WHP	White High Performance	Stainless Steel	-40	+180	+150	-40	+82	+66	600	2,669	✓	
LF	Low Friction	Stainless Steel	-40	+180	+150	-40	+82	+66	600	2,669	✓	
WLF	White Low Friction	Stainless Steel	-40	+180	+150	-40	+82	+66	600	2,669	✓	
MR	Melt Resistant	Stainless Steel	-80	+220	NR	-62	+104	NR	600	2,669	-	
P	Chemical Resistant	Stainless Steel	0	+180	+140	-18	+82	+60	360	1,601	✓	
DUV	Ultraviolet Resistant	Stainless Steel	0	+180	+150	-18	+82	+66	600	2,669	-	
BWR	Black Wear Resistant	Zinc Plated Carbon Steel	-40	+180	NR	-40	+82	NR	720	3,203	-	

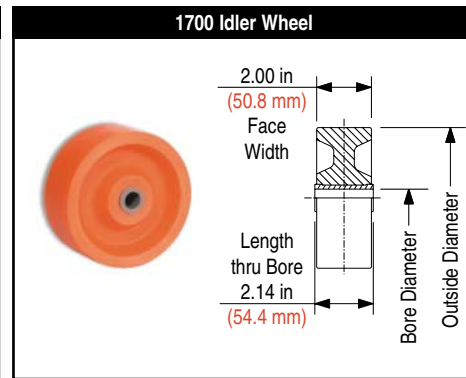
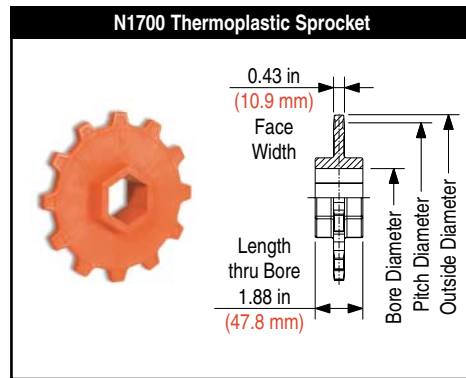
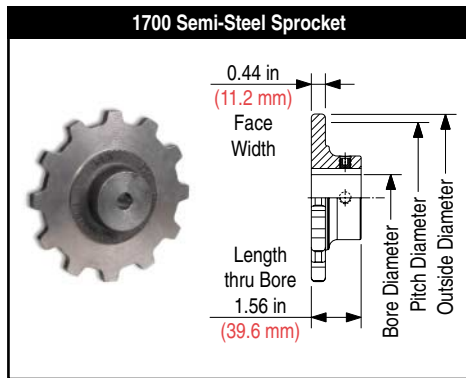
Standard materials are highlighted. All other materials are available on a made-to-order basis. Chain strength is listed at room temperature. NR = Not Recommended.

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. Stocked in 61 pitch, 10 ft (3.048 m) length strands.
 2. Zinc plated carbon steel pins are available on a made-to-order basis.
 3. Pin material can be identified by pivot color; black pivots indicate stainless steel pins and tan pivots indicate zinc plated carbon steel pins.



1700 Semi-Steel Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Round)				Approximate Weight	
						Round				Square				in		mm			
						in	mm	in	mm	in	mm	in	mm	min	max	min	max		
actual	effect					min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
8	8	5.143	130.63	5.25	133.4	3/4	1-9/16	20	40	-	-	-	-	3/4	1-3/4	20	45	3.77	1.71
10	10	6.369	161.77	6.50	165.1	3/4	1-3/4	20	45	-	-	-	-	3/4	1-3/4	20	45	5.55	2.52
12	12	7.604	193.14	7.72	196.1	3/4	1-3/4	20	45	-	-	-	-	3/4	1-3/4	20	45	7.29	3.31

Shaft-ready round bores are shipped with keyway and setscrews. Metric shaft-ready round bores are shipped with metric hardware, but without setscrews.

N1700 Thermoplastic Sprocket Information

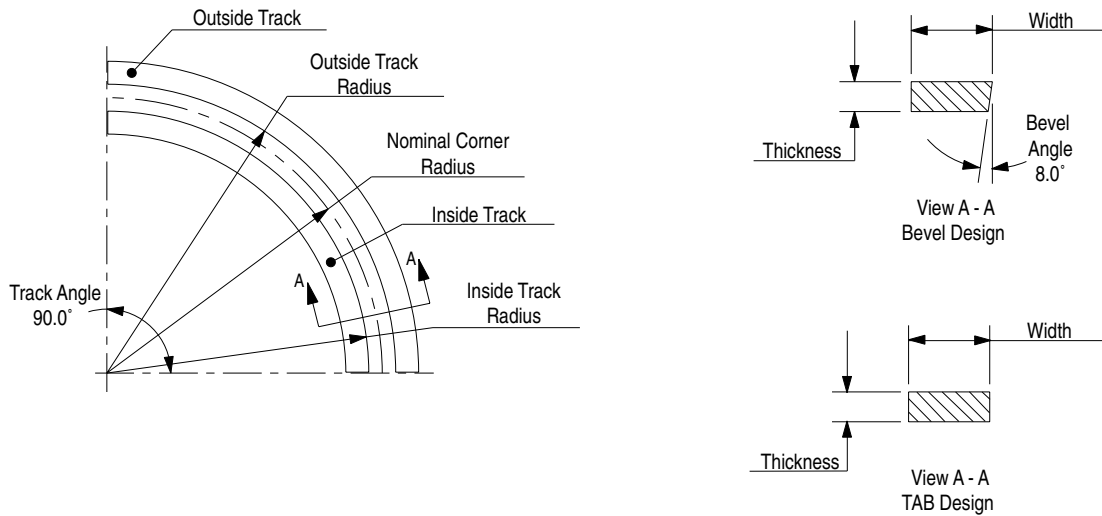
Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)				Bore Diameter (Idler)		Approximate Weight	
						Round		Hex					
						in	mm	in	mm				
actual	effect											lbs	kg
10	10	6.369	161.77	6.50	165.1	-	-	2	-	-	-	0.67	0.30
12	12	7.604	193.14	7.76	197.1	-	-	2	-	-	-	0.90	0.41

1700 Idler Wheel Information

Equivalent Tooth Size	Outside Diameter		Bore Diameter (Idler)												Approximate Weight		
	in	mm	in						mm						lbs	kg	
8	5.14	130.6	5/8	-	-	-	-	-	-	-	-	-	-	-	-	1.25	0.57

Idler bores are designed to spin freely on the shaft without keyway or setscrews.

Corner Track (Two Piece)

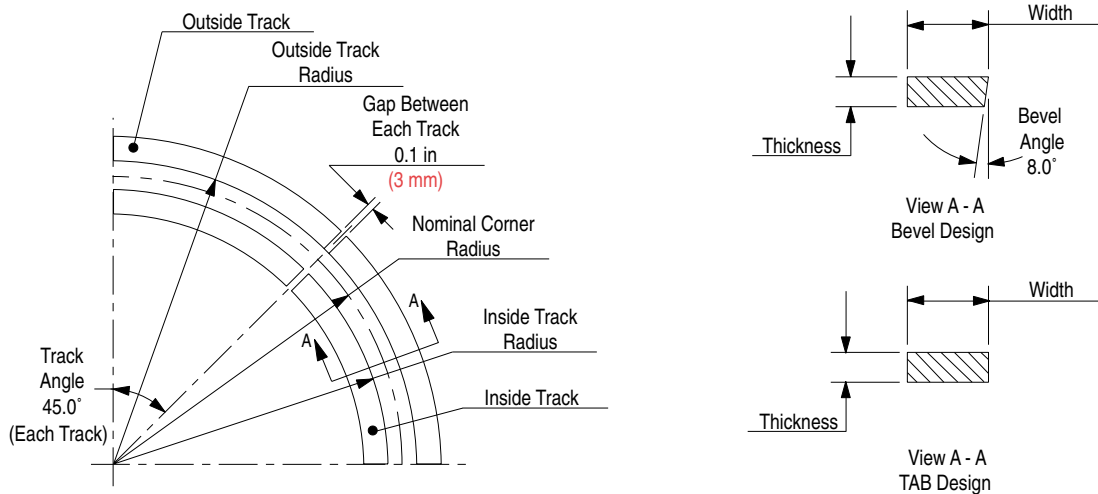


Corner track number supplied as one 90° inside and one 90° outside track, which can be used as either carry or return.

Corner Track Number	Accommodates Top Plate Width		Nominal Corner Radius		Inside Track Radius		Outside Track Radius		Thickness		Width		Material	Color	Approximate Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			lbs	kg
Bevel Design																
N24B5	2.09	53.1	24.0	610	22.9	581	25.1	639	0.6	16	1.5	38	Nylatron®	Black	2.89	1.31
TAB Design																
N24R5	2.09	53.1	24.0	610	22.9	581	25.1	639	0.6	16	1.5	38	Nylatron®	Black	2.89	1.31
U24R5	2.09	53.1	24.0	610	22.9	581	25.1	639	0.6	16	1.5	38	UHMWPE	White	2.89	1.31

Nylatron is a registered trademark of Polymer Corporation.

Corner Track (Four Piece)



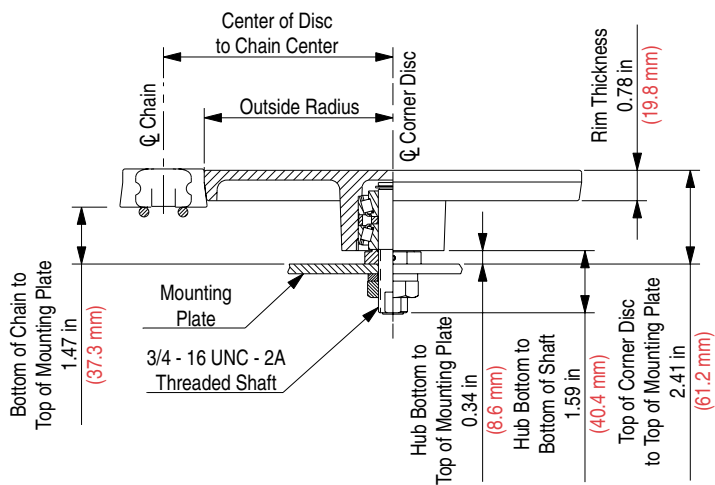
30 in (762 mm) radius furnished in two 45° segments to make one 90° unit.

Corner track number supplied as two 45° inside tracks and two 45° outside tracks, which can be used as either carry or return.

Corner Track Number	Accommodates Top Plate Width		Nominal Corner Radius		Inside Track Radius		Outside Track Radius		Thickness		Width		Material	Color	Approximate Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			lbs	kg
Bevel Design																
N30B5	2.09	53.1	30.0	762	28.9	733	31.1	791	0.6	16	1.5	38	Nylatron®	Black	3.61	1.64
TAB Design																
N30R5	2.09	53.1	30.0	762	28.9	733	31.1	791	0.6	16	1.5	38	Nylatron®	Black	3.61	1.64

Nylatron is a registered trademark of Polymer Corporation.

Corner Disc (Flat Top)

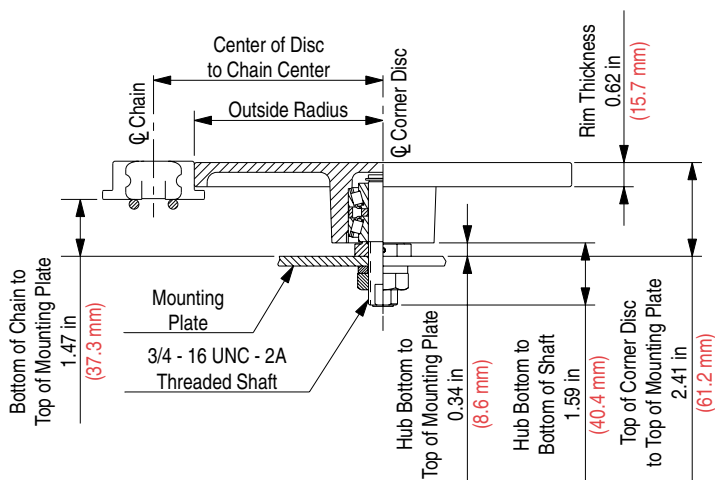


Corner Disc Number	Center of Disc to Chain Center		Outside Radius		Approximate Weight	
	in	mm	in	mm	lbs	kg
1701 FT-10	5.90	150.0	4.86	123.5	4.20	1.91
1701 FT-18	10.00	254.0	8.94	227.1	7.00	3.18

Corner Disc Material: Aluminum

For 1701 (bevel) chain only.

Corner Disc (Flat Top)

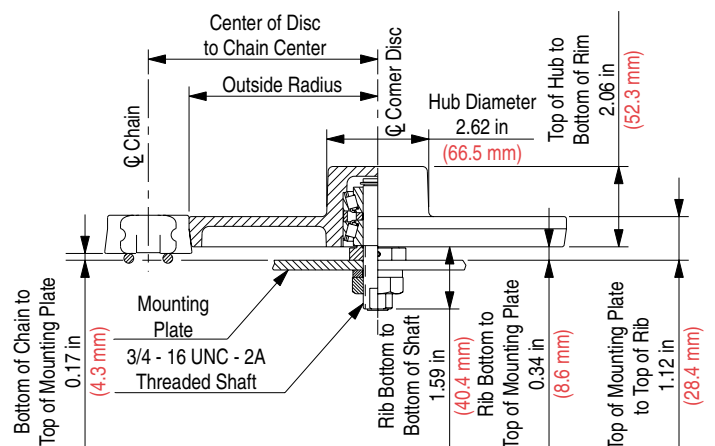


Corner Disc Number	Center of Disc to Chain Center		Outside Radius		Approximate Weight	
	in	mm	in	mm	lbs	kg
1701TAB FT-10	5.90	150.0	4.86	123.5	4.20	1.91
1701TAB FT-18	10.00	254.0	8.94	227.1	7.00	3.18

Corner Disc Material: Aluminum

For 1701 TAB chain only.

Corner Disc (Raised Hub)

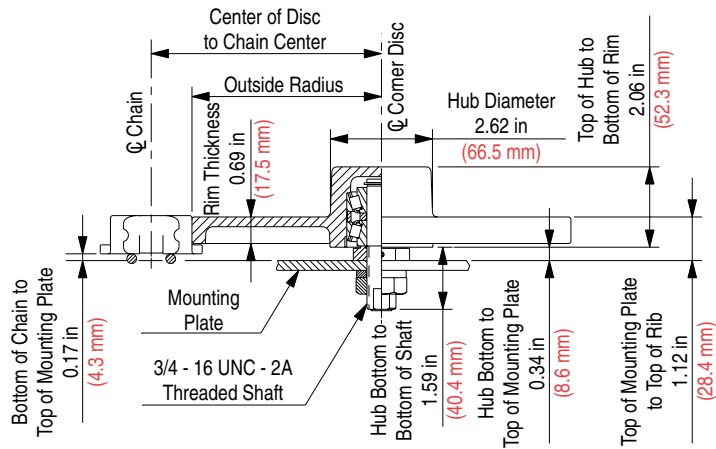


Corner Disc Number	Center of Disc to Chain Center		Outside Radius		Approximate Weight	
	in	mm	in	mm	lbs	kg
1701 RH-10	5.90	150.0	4.86	123.5	4.20	1.91

Corner Disc Material: Aluminum

For 1701 (bevel) chain only.

Corner Disc (Raised Hub)

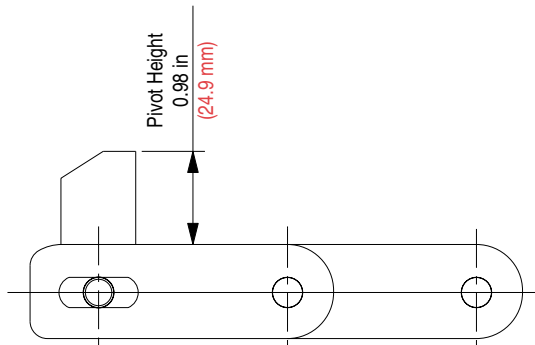


Corner Disc Number	Center of Disc to Chain Center		Outside Radius		Approximate Weight	
	in	mm	in	mm	lbs	kg
1701TAB RH-10	5.90	150.0	4.86	123.5	4.20	1.91

Corner Disc Material: Aluminum

For 1701 TAB chain only.

Extended Pivot



Please indicate if you require an extended pivot every pitch, every second pitch, etc. when ordering.

For 1701 and 1701 TAB chains only. Do not use with AC 1701 TAB chain.

