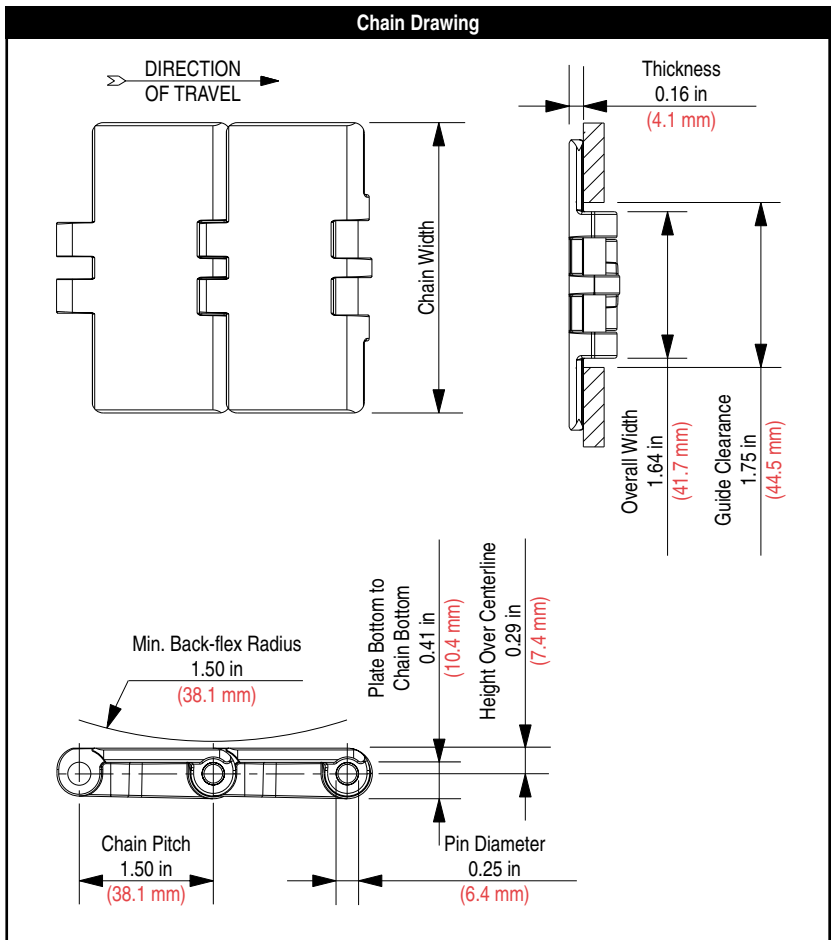




Chain is shown in Low Friction (LF) material.



### Chain Information

desc	Chain Width		Min. Side-flex Radius		Approximate Weight	
	in	mm	in	mm	lbs/ft	kg/m
3-1/4	3.25	82.6	-	-	0.56	0.83
4	4.00	101.6	-	-	0.64	0.95
4-1/2	4.50	114.3	-	-	0.69	1.03
6	6.00	152.4	-	-	0.84	1.25
7-1/2	7.50	190.5	-	-	0.99	1.47

### 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	219	974	-
CR	Extreme Chemical Resistant	Stainless Steel	+40	+250	+212	+4	+121	+100	292	1,299	✓
D	Plain Acetal	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
ESD	Electrostatic Dissipative	Stainless Steel	0	+180	+180	-18	+82	+82	219	974	-
FR	Flame Retardant	Stainless Steel	0	+180	+140	-18	+82	+60	219	974	-
HP™	High Performance	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
WHP	White High Performance	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
HS	Heat Stabilized	Stainless Steel	-40	+220	+212	-40	+104	+100	365	1,624	-
LF	Low Friction	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
WLF	White Low Friction	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
MR	Melt Resistant	Stainless Steel	-80	+220	NR	-62	+104	NR	365	1,624	-
P	Chemical Resistant	Stainless Steel	0	+180	+140	-18	+82	+60	292	1,299	✓
DUV	Ultraviolet Resistant	Stainless Steel	0	+180	+150	-18	+82	+66	365	1,624	-
BWR	Black Wear Resistant	Stainless Steel	-40	+180	NR	-40	+82	NR	438	1,948	-

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

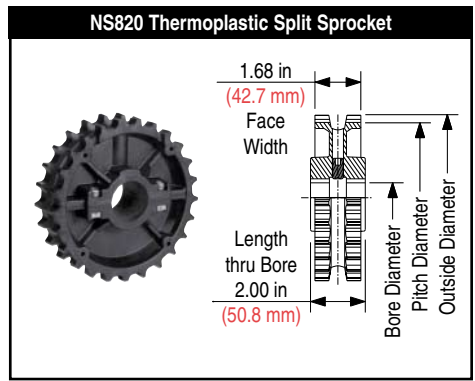
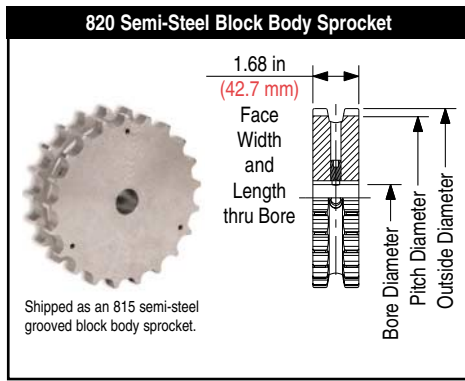
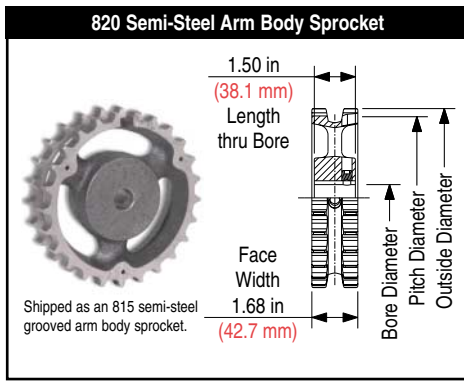
The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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### Additional Notes

1. Stocked in 80 pitch, 10 ft (3.048 m) length strands.
2. Thermoplastic pins are available on a made-to-order basis.





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

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

#### NS820 Thermoplastic Split Sprocket Information

Number of Teeth	Pitch Diameter	Outside Diameter	Bore Diameter (Shaft-Ready)												Bore Diameter (Idle)				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	

Shaft-ready round bores are shipped with keyway and setscrews. Metric shaft-ready round bores are shipped with metric hardware, but without setscrews. Idle bores are designed to spin freely on the shaft without keyway or setscrews.

