

821

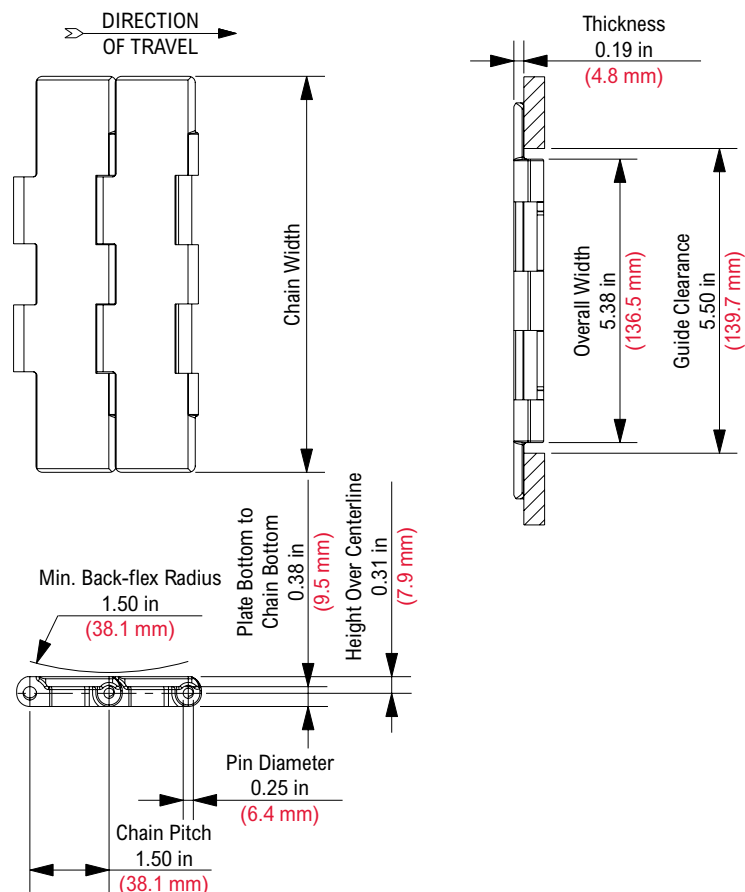


Photo shows 821 TableTop® Chain molded in Low Friction (LF) material.

Chain Information

Chain Width			Min. Side-flex Radius		Approximate Weight	
desc	in	mm	in	mm	lbs/ft	kg/m
7 1/2	7.50	190.5	-	-	1.70	2.53
10	10.00	254.0	-	-	2.00	2.98
12	12.00	304.8	-	-	2.20	3.28

Chain Drawing



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							
Standard Materials											
D	Plain Acetal	Stainless Steel	-40	180	150	-40	82	66	625	2,780	No
HP™	High Performance	Stainless Steel	-40	180	150	-40	82	66	625	2,780	Yes
LF	Low Friction	Stainless Steel	-40	180	150	-40	82	66	625	2,780	Yes
MLF	Medium Duty Low Friction	Stainless Steel	-40	180	150	-40	82	66	625	2,780	No
Made-to-Order Materials											
AS	Anti-Static	Stainless Steel	0	180	NR	-18	82	NR	375	1,668	No
BWR	Black Wear Resistant	Stainless Steel	-40	180	NR	-40	82	NR	750	3,336	No
CR	Extreme Chemical Resistant	Stainless Steel	40	240	212	4	116	100	500	2,224	Yes
MR	Melt Resistant	Stainless Steel	-80	220	NR	-62	104	NR	625	2,780	No
P	Chemical Resistant	Stainless Steel	0	180	140	-18	82	60	500	2,224	Yes
PS®	Platinum Series®	Stainless Steel	-40	180	150	-40	82	66	625	2,780	Yes
WD	White Plain Acetal	Stainless Steel	-40	180	150	-40	82	66	625	2,780	No
WHP	White High Performance	Stainless Steel	-40	180	150	-40	82	66	625	2,780	Yes
WLF	White Low Friction	Stainless Steel	-40	180	150	-40	82	66	625	2,780	Yes
WX	Green Abrasion Resistant Polyamide	Stainless Steel	-40	220	NR	-40	104	NR	625	2,780	No

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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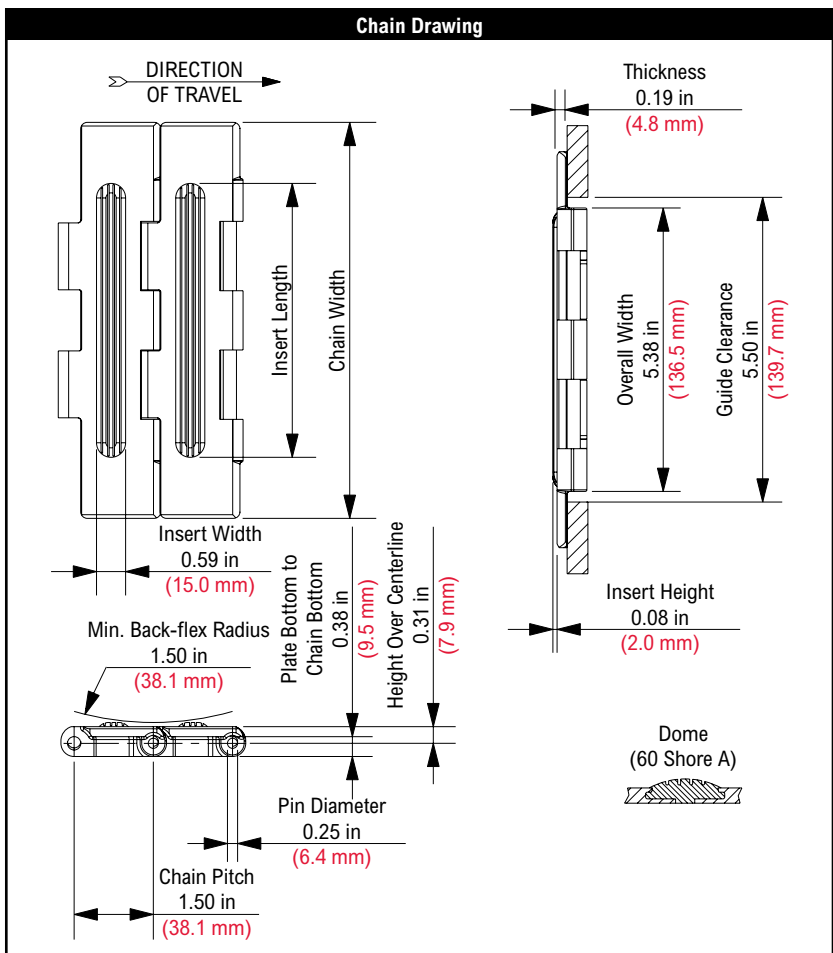
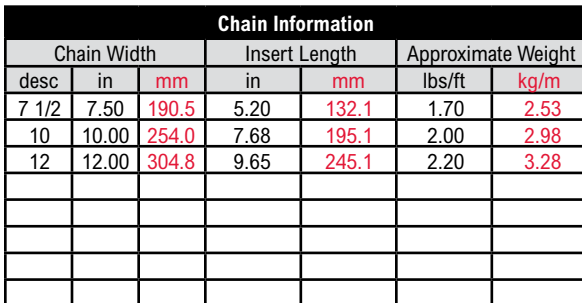
Additional Notes

Stocked in 80 pitch, 10 ft (3.048 m) length strands.

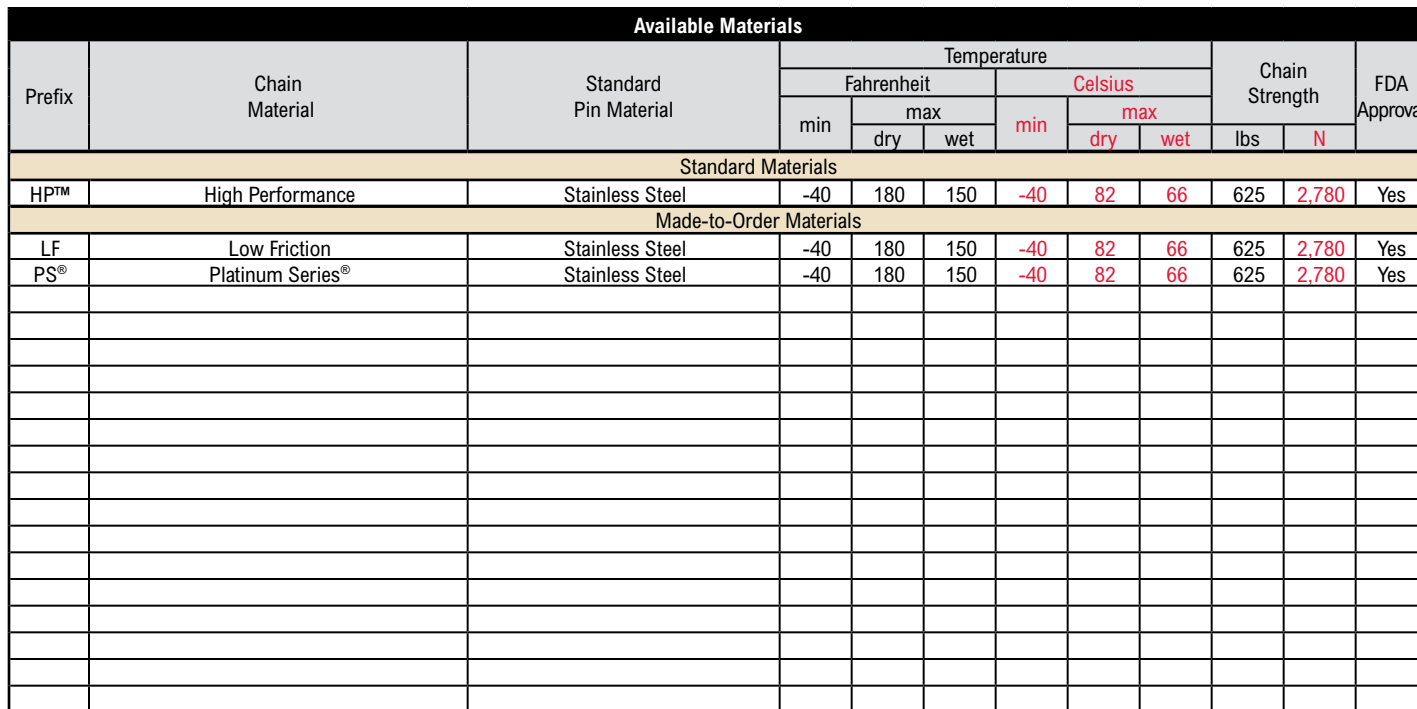
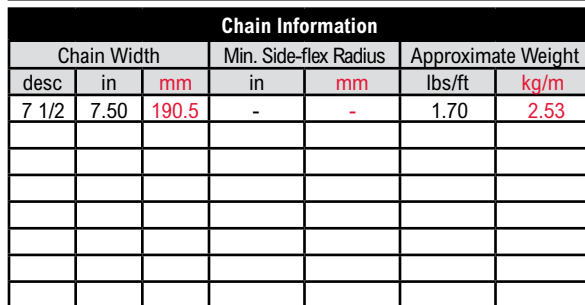
Thermoplastic pins are available on a made-to-order basis.

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

For additional material information, see material portfolio.



Regulatory Information	Additional Notes
<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, TableTop and HP are trademarks of Rexnord Industries, LLC. All rights reserved.</p>	<p>Stocked in 80 pitch, 10 ft (3.048 m) length strands.</p> <p>Thermoplastic pins are available on a made-to-order basis.</p> <p>Inserts may be spaced every pitch, every second pitch, etc.</p> <p>Chain strength is listed at room temperature. NR = Not Recommended.</p> <p>For additional material information, see material portfolio.</p>

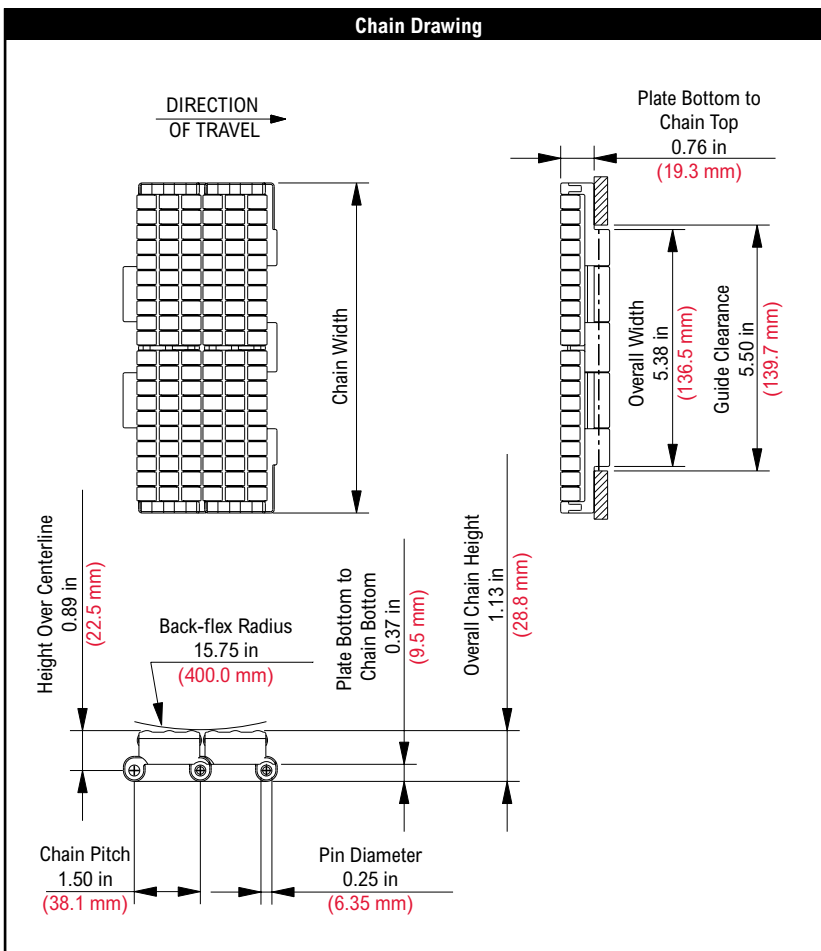


Additional Notes
Stocked in 80 pitch, 10 ft (3.048 m) length strands.
Thermoplastic pins are available on a made-to-order basis.
Chain strength is listed at room temperature. NR = Not Recommended.
For additional material information, see material portfolio.



Photo shows MCC® SWH LBP TableTop® Chain molded in Internally Lubricated Polyacetal (XLA) material.

Chain Information						
Chain Width			Min. Side-flex Radius		Approximate Weight	
desc	in	mm	in	mm	lbs/ft	kg/m
7 1/2	7.50	190.5	-	-	3.56	5.30
10	10.00	254.0	-	-	4.44	6.62
12	12.00	304.8	-	-	5.28	7.87

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Regulatory Information

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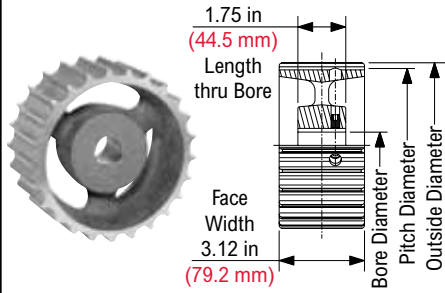
Additional Notes

Stocked in 40 pitch, 5 ft (1.524 m) length strands.

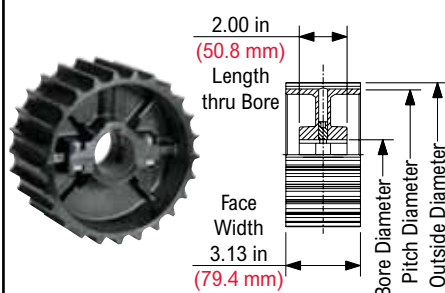
Chain strength is listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

821 Semi-Steel Sprocket



NS821 Thermoplastic Split Sprocket



821 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			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
21	10 1/2	5.089	129.26	5.12	130.0	1	1 1/2	25	40	-	-	-	-	1	1 3/4	25	45	6.70	3.04
23	11 1/2	5.560	141.22	5.59	142.0	1	1 1/2	25	40	-	-	-	-	1	1 3/4	25	45	7.00	3.18
25	12 1/2	6.032	153.21	6.07	154.2	1	1 5/8	25	40	-	-	-	-	1	1 3/4	25	45	7.30	3.31
27	13 1/2	6.504	165.20	6.56	166.6	1	1 1/2	25	40	-	-	-	-	1	1 3/4	25	45	7.60	3.45
29	14 1/2	6.978	177.24	7.05	179.1	1	1 1/2	25	40	-	-	-	-	1	1 3/4	25	45	8.00	3.63

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

NS821 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		in		mm			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
21	10 1/2	5.089	129.26	5.12	130.0	1	1 1/2	25	40	-	-	-	-	1	1 5/8	25	40	2.27	1.03
25	12 1/2	6.032	153.21	6.07	154.2	1	1 1/2	25	40	-	-	-	-	1	1 5/8	25	40	3.22	1.46

Imperial shaft-ready round bore sprockets are shipped with keyway and setscrew. Metric shaft-ready round bore sprockets are shipped with keyway and no setscrew. Idler bores are designed to spin freely on the shaft.