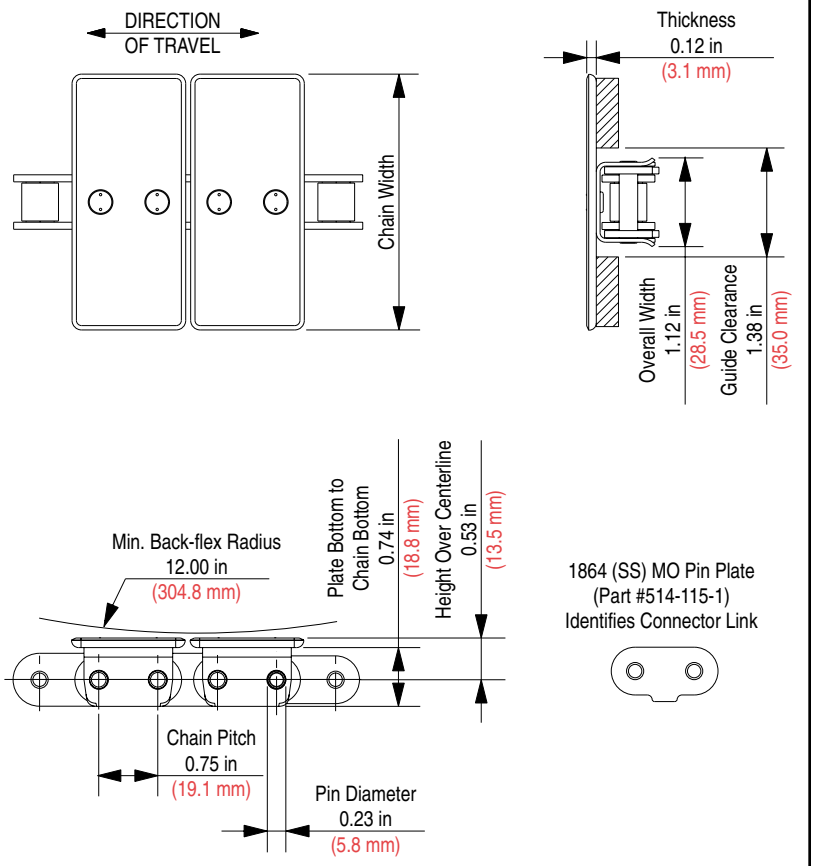
1864 (SS)

Chain is shown with Stainless Steel (SS) top plates on Stainless Steel (SS) base chain.

Chain Drawing



Chain Information

Chain Width			Min. Side-flex Radius		Approximate Weight	
desc	in	mm	in	mm	lbs/ft	kg/m
2-1/4	2.25	57.2	-	-	2.20	3.27
3-1/4	3.25	82.6	-	-	2.50	3.72
4-1/2	4.50	114.3	-	-	2.90	4.32
6	6.00	152.4	-	-	3.50	5.21
7-1/2	7.50	190.5	-	-	4.10	6.10

Available Materials

Prefix	Top Plate Material	Base Chain Material	Temperature						Chain Strength		FDA Approval
			Fahrenheit			Celsius					
			min	max		min	max				
				dry	wet		dry	wet	lbs	N	
SS	Stainless Steel	Stainless Steel	-40	+800	+212	-40	+427	+100	900	4,003	✓

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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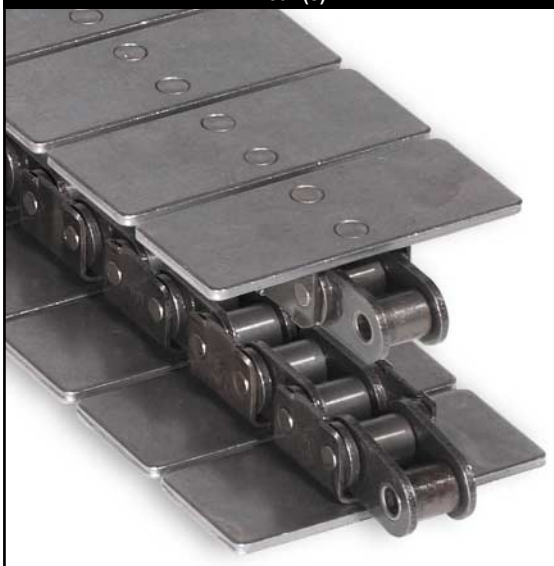
Additional Notes

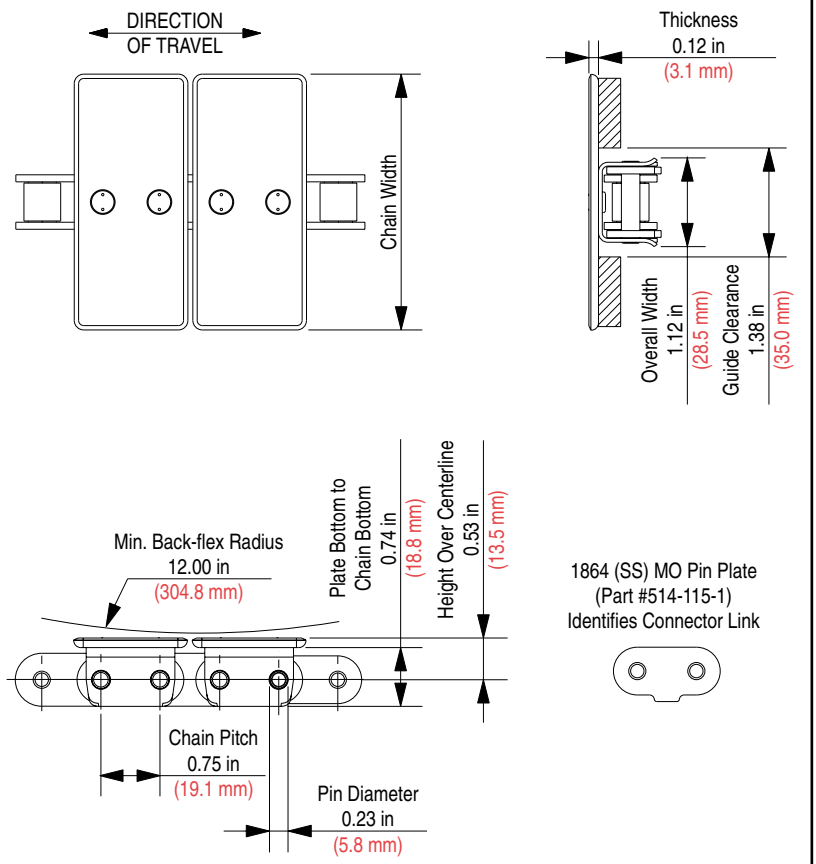
1. Stocked in 160 pitch, 10 ft (3.048 m) length strands.
2. Uses 1864 stainless steel (SS) base chain (Part #614-93-1).
3. Chain runs on ANSI No. 60 sprockets.

1864 (S)



Chain is shown with Carbon Steel (S) top plates on Carbon Steel (S) base chain.

Chain Drawing



Chain Information

Chain Width			Min. Side-flex Radius		Approximate Weight	
desc	in	mm	in	mm	lbs/ft	kg/m
2-1/4	2.25	57.2	-	-	2.20	3.27
3-1/4	3.25	82.6	-	-	2.50	3.72
4-1/2	4.50	114.3	-	-	2.90	4.32
6	6.00	152.4	-	-	3.50	5.21
7-1/2	7.50	190.5	-	-	4.10	6.10

Available Materials

Prefix	Top Plate Material	Base Chain Material	Temperature						Chain Strength		FDA Approval
			Fahrenheit			Celsius					
			min	max		min	max				
				dry	wet		dry	wet	lbs	N	
S	Carbon Steel	Carbon Steel	-40	+350	NR	-40	+177	NR	1,200	5,338	-
SS	Stainless Steel	Carbon Steel	-40	+800	NR	-40	+427	NR	1,200	5,338	-

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

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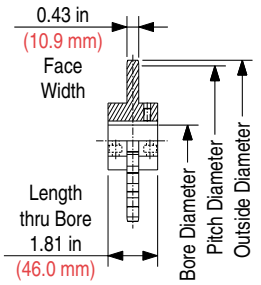
Additional Notes

1. Stocked in 160 pitch, 10 ft (3.048 m) length strands.
2. Uses 1864 carbon steel (S) base chain (Part #614-90-1).
3. Chain runs on ANSI No. 60 sprockets.
4. Stainless steel (SS) top plates on carbon steel (S) base chain is ordered as 1864AK.

NS63 Thermoplastic Split Sprocket



NS63 Thermoplastic Split Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square									
		in		in		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
23	11-1/2	5.508	139.90	5.91	150.1	1	1-5/8	30	40	-	-	-	-	1	1-5/8	30	40	0.75	0.34

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