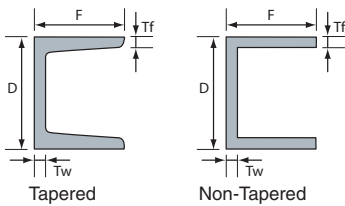




STAINLESS STEEL C CHANNELS

Penn Stainless Products supplies stainless channels in 304/304L and 316/316L. Larger channels in excess of 24" can be manufactured utilizing laser fusion technology. Laser fused technology also enables engineers and metal buyers to mix thickness or even material grades. Laser fused channels can also be supplied in Duplex 2205 and lean Duplex 2101. All channels can be cut to size. Stainless channels can be supplied with a polished finish. Contact a sales associate for details regarding stainless steel channels.

STAINLESS STEEL C CHANNELS



20-22 Ft. R/L
 Specs: QQS-ASTM-ASME-AMS
 In grades 304, 304L, 316, 316L
 Annealed and Pickled

Dimensions	D	F	Tw	Tf	Est Wt*	Production Technology
Bar Channels						
BC3/4 x 3/8 x 1/8	3/4	3/8	1/8	1/8	0.56	hot rolled – tapered
BC1 x 3/8 x 1/8	1	3/8	1/8	1/8	0.68	hot rolled – tapered
BC1 x 1/2 x 1/8	1	1/2	1/8	1/8	0.84	hot rolled – tapered
BC1-1/8 x 9/16 x 1/8	1-1/8	9/16	1/8	1/8	1.16	hot rolled – tapered
BC1-1/4 x 1/2 x 1/8	1-1/4	1/2	1/8	1/8	1.01	hot rolled – tapered
BC1-1/2 x 1/2 x 1/8	1-1/2	1/2	1/8	3/16	1.12	hot rolled – tapered
BC1-1/2 x 9/16 x 3/16	1-1/2	9/16	3/16	1/8	1.44	hot rolled – tapered
BC1-1/2 x 3/4 x 1/8	1-1/2	3/4	1/8	1/8	1.17	hot rolled – tapered
BC2 x 1/2 x 1/8	2	1/2	1/8	1/8	1.43	hot rolled – tapered
BC2 x 9/16 x 3/16	2	9/16	3/16	3/16	1.86	hot rolled – tapered
BC2 x 5/8 x 1/4	2	5/8	1/4	1/4	2.28	hot rolled – tapered
BC2 x 1 x 1/8	2	1	1/8	1/8	1.59	hot rolled – non-tapered
BC2 x 1 x 3/16	2	1	3/16	3/16	2.32	hot rolled – non-tapered
BC2 x 1 x 1/4	2	1	1/4	1/4	2.88	hot rolled – non-tapered
BC2-1/2 x 5/8 x 3/16	2-1/2	5/8	3/16	3/16	2.27	hot rolled – tapered
Standard C Channels						
C3 x 4.1	3.00	1.410	0.170	0.273	4.10	hot rolled – tapered
C3 x 5.0	3.00	1.498	0.258	0.273	5.00	laser fused – non-tapered
C3 x 6.0	3.00	1.596	0.356	0.273	6.00	laser fused – non-tapered
C4 x 5.4	4.00	1.584	0.184	0.296	5.40	hot rolled – tapered
C4 x 7.25	4.00	1.721	0.321	0.296	7.25	hot rolled – tapered
C5 x 6.7	5.00	1.750	0.190	0.320	6.70	hot rolled – tapered
C5 x 9.0	5.00	1.885	0.325	0.320	9.00	hot rolled – tapered
C6 x 8.2	6.00	1.920	0.200	0.343	8.20	hot rolled – tapered
C6 x 10.5	6.00	2.034	0.314	0.343	10.50	hot rolled – tapered

*Estimated weight in pounds per foot.

VALUE-ADDED SERVICES

1 piece or 500 pieces,
 Channels can be cut to
 your exact requirements.

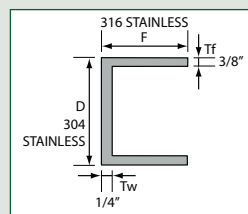
Polishing is available upon
 request.

Full traceability with
 original mill test reports
 available.

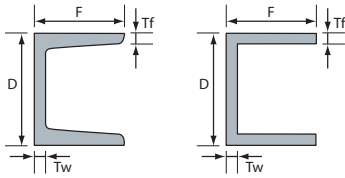
Don't see a size or grade?
 Special shapes and grades
 can be provided. Contact a
 sales associate for details.

CUSTOM PRODUCTS AND SERVICES

- Channels exceeding 24" in size with thickness over 1" can be manufactured.
- Dimension Tf on the F dimension leg can be thicker than the Tw dimension on leg D.
- Mix material grades to reduce costs. Leg F can be 316/316L and leg D can be 304/304L.
- Send us your drawing and Penn Stainless can quote to your exact requirement.



STAINLESS STEEL C CHANNELS



20-22 Ft. R/L
 Specs: QQS-ASTM-ASME-AMS
 In grades 304, 304L, 316, 316L
 Annealed and Pickled

Dimensions	D	F	Tw	Tf	Est Wt*	Production Technology
Standard C Channels						
C6 x 13.0	6.00	2.157	0.437	0.343	13.00	laser fused – non-tapered
C7 x 9.8	7.00	2.090	0.210	0.366	9.80	laser fused – non-tapered
C7 x 12.25	7.00	2.194	0.314	0.366	12.25	laser fused – non-tapered
C7 x 14.75	7.00	2.299	0.419	0.366	14.75	laser fused – non-tapered
C8 x 11.5	8.00	2.260	0.220	0.390	11.50	laser fused – non-tapered
C8 x 13.75	8.00	2.343	0.303	0.390	13.75	laser fused – non-tapered
C8 x 18.75	8.00	2.527	0.487	0.390	18.75	hot rolled – tapered
C9 x 13.4	9.00	2.433	0.233	0.413	13.40	laser fused – non-tapered
C9 x 15.0	9.00	2.485	0.285	0.413	15.00	laser fused – non-tapered
C9 x 20.0	9.00	2.648	0.448	0.413	20.00	laser fused – non-tapered
C10 x 15.3	10.00	2.600	0.240	0.436	15.30	laser fused – non-tapered
C10 x 20.0	10.00	2.739	0.379	0.436	20.00	laser fused – non-tapered
C10 x 25.0	10.00	2.886	0.526	0.436	25.00	laser fused – non-tapered
C10 x 30.0	10.00	3.033	0.673	0.436	30.00	laser fused – non-tapered
C12 x 20.7	12.00	2.942	0.282	0.501	20.70	laser fused – non-tapered
C12 x 25.0	12.00	3.047	0.387	0.501	25.00	laser fused – non-tapered
C12 x 30.0	12.00	3.170	0.510	0.501	30.00	laser fused – non-tapered
C15 x 33.9	15.00	3.400	0.400	0.650	33.90	laser fused – non-tapered
C15 x 40.0	15.00	3.520	0.520	0.650	40.00	laser fused – non-tapered
C15 x 50.0	15.00	3.716	0.716	0.650	50.00	laser fused – non-tapered
Miscellaneous Channel Sizes						
MC3 x 1-3/8 x 3/16	3	1-3/8	3/16	3/16	3.55	hot rolled – tapered
MC3 x 1-1/2 x 1/4	3	1-1/2	1/4	1/4	4.90	hot rolled – tapered
MC4 x 1-3/4 x 1/4	4	1-3/4	1/4	1/4	6.05	hot rolled – tapered
MC4 x 2 x 1/4	4	2	1/4	1/4	6.50	hot rolled – tapered
MC6 x 3 x 1/4	6	3	1/4	1/4	10.00	hot rolled/laser fused – both
MC6 x 3 x 3/8	6	3	3/8	3/8	14.50	hot rolled/laser fused – both
MC8 x 4 x 1/4	8	4	1/4	1/4	13.70	laser fused – non-tapered
MC8 x 4 x 3/8	8	4	3/8	3/8	19.70	laser fused – non-tapered

*Estimated weight in pounds per foot.