

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

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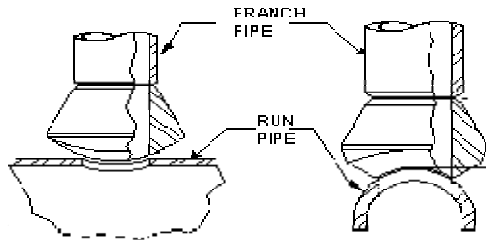
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CARBON OUTLETS

PENN FORGED CARBON STEEL OUTLETS

ASTM A105/ASME SA105 -- MSS SP 97 -- ASME B31.1 -- ASME B16.11 -- ASME B16.9

AUGUST 15, 2008



THREAD & SOCKET CONNECTIONS

OUTLET SIZE	3000# THREAD	6000# THREAD	3000# SOCKET	6000# SOCKET
1/8	AVAIL	AVAIL	AVAIL	AVAIL
1/4	AVAIL	AVAIL	AVAIL	AVAIL
3/8	AVAIL	AVAIL	AVAIL	AVAIL
1/2	9.92	18.18	12.31	21.74
3/4	11.43	19.93	12.49	23.11
1	13.32	24.72	13.85	29.35
1-1/4	21.12	AVAIL	23.13	AVAIL
1-1/2	21.12	115.72	23.13	112.95
2	24.05	129.33	26.29	136.26
2-1/2	80.66	AVAIL	115.2	AVAIL
3	97.82	AVAIL	155.56	AVAIL
4	181.91	AVAIL	230.59	AVAIL

BUTT-WELD CONNECTIONS

OUTLET SIZE	STANDARD BUTT-WELD	EXTRA STRONG BUTT-WELD	XXS BUTT-WELD	SCHEDULE 160 BUTT-WELD
1/8	AVAIL	AVAIL	AVAIL	AVAIL
1/4	AVAIL	AVAIL	AVAIL	AVAIL
3/8	AVAIL	AVAIL	AVAIL	AVAIL
1/2	20.55	24.04	106.47	106.47
3/4	21.68	24.64	108.79	108.79
1	22.66	25.7	114.35	114.35
1-1/4	AVAIL	AVAIL	AVAIL	AVAIL
1-1/2	26.92	32.77	153.45	153.45
2	27.15	33.88	173.38	173.38
2-1/2	62.18	AVAIL	AVAIL	AVAIL
3	68.06	74.70	276.31	276.31
4	86	94.95	494.27	494.27
5	212.22	AVAIL	AVAIL	AVAIL
6	243.47	391.99	AVAIL	AVAIL
8	465.23	713.35	AVAIL	AVAIL
10	670.13	AVAIL	AVAIL	AVAIL
12	1272.83	AVAIL	AVAIL	AVAIL
14	AVAIL	AVAIL	AVAIL	AVAIL
16	AVAIL	AVAIL	AVAIL	AVAIL
18	AVAIL	AVAIL	AVAIL	AVAIL
20	AVAIL	AVAIL	AVAIL	AVAIL
24	AVAIL	AVAIL	AVAIL	AVAIL

All flat and size on size outlets are POA

Header sizes larger than 24" POA

F.O.B. - Factory Full Freight allowed on greater than 1000 lbs

All prices in U.S. Dollars

9,000 class and 10,000 class outlets are POA

Larger size butt weld connections available to 66 NPS

All other grades are available, please consult factory.

For run consolidations see WWW.PENNUSA.COM (catalog)

MTR \$5.00 per line or free of charge at WWW.PENNUSA.COM

Minimum order \$50.00 (exclusive of test reports and /or freight).

A \$7.00 material handling fee will be applied to all non-motor freight shipments.