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Penn
MACHINE
 Since 1931

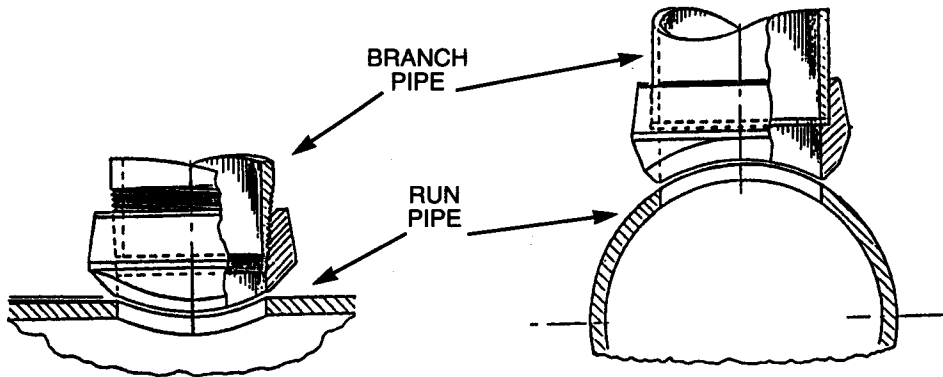
**CHROME MOLY
 OUTLETS**

100 Bethel Road
 Aston, PA 19014
 Phone 1-800-PENN-USA
 FAX 1-215-497-3325

F 11 F 22 F 5 F 9

COT-1 OCTOBER 1, 1993

PENN FORGED CHROME MOLY OUTLETS
 MSS-SP-97 ASTM A-182/ASME SA-182 ASME B16.11 ANSI B16.9



BUTTWELD - SOCKET WELD - THREADED

OUTLET SIZE	F11		F22		F5		F9	
	3M SW TD BW	6M SW TD*	3M SW TD BW	6M SW TD*	3M SW TD BW	6M SW TD*	3M SW TD BW	6M SW TD*
1/8	18.46	POA	20.30	POA	30.77	POA	39.40	POA
1/4	18.46	POA	20.30	POA	30.77	POA	39.40	POA
3/8	18.46	POA	20.30	POA	30.77	POA	39.40	POA
1/2	18.46	27.69	20.30	30.45	30.77	46.15	39.40	46.70
3/4	21.54	35.80	23.70	39.40	35.38	53.08	46.50	57.65
1	24.62	36.93	27.10	40.60	41.54	62.31	49.10	72.35
1 1/4	33.85	50.77	37.25	55.85	70.77	106.15	74.30	115.35
1 1/2	43.08	64.62	47.40	71.10	80.00	120.00	100.15	155.10
2	49.23	80.00	54.15	88.00	101.54	152.31	126.00	169.60

*Schedule 160 Buttweld - POA

2-1/2" AND UP - POA

NOTES: For run consolidations see reverse side of J9M-6 Sheet
 Larger sizes, heavy wall, specials and other grades available. Call for pricing and availability.