

Pressure Properties:

Distance "X"	Proof Load		Maximum
Inches	Bore Pressure	Composite	Normal
	lbs/in ²	Design	Loading
0	89250	98175	59798
2.81	89250	98175	59798
3.29	87450	96195	56843
3.81	82500	90750	52800
4.35	75300	82830	47439
5.33	68250	75075	42315
6.23	61500	67650	37515
7.22	54900	60390	32940
8.21	49050	53955	28940
9.24	43500	47850	25230
10.37	39000	42900	22230
11.53	34950	38445	19572
12.74	31200	34320	17160
14.04	28500	31350	15390
15.29	25950	28545	13754
16.63	24300	26730	12636
17.96	22500	24750	11475
19.29	21450	23595	10725
20.76	20250	22275	9923
22	19200	21120	9216

Barrel Steel**Minimum Mechanical Properties:**

Tensile Strength (min.)	115000 psi
Yield Strength (min.)	95000 psi
Elongation (min.)	18 %
Reduction of Area (min.)	45 %
Brinell Hardness	235-290 HB

NOTE:

Pressures are for proof load pressures.

Design work should be for a 5% to 10% increase in pressure.

30-06 PRESSURE DATA

