

# Threaded Boss

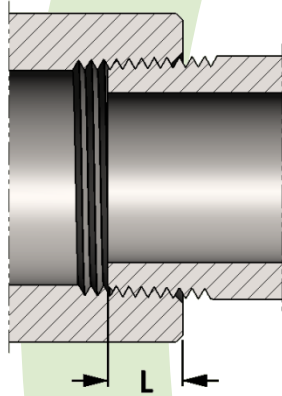
**Specification:** ASME B16.11

**Material:** Available in a complete range of Carbon Steels, Stainless Steels, Alloy Steels and Non-ferrous metals certified to ASTM, ASME, and Military standards.

**Sizes:** 1/8" - 2" in CL 3000 and in CL 6000  
Also available in special lengths

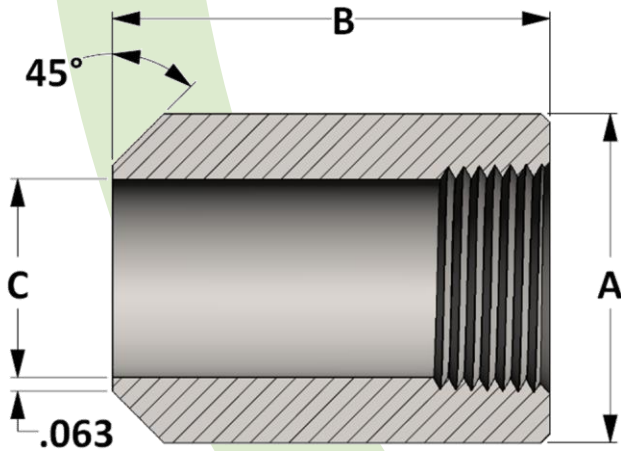
**Threads:** American National Standard Taper Pipe Threads  
NPT (ANSI/ASME B1.20.1-1983)  
Also available in other thread forms: NPTF, NPSC, NPSM, NGT, SAE, BSPT, BSPP and in any combination.  
Left hand threads available upon request.

Threaded Pressure Class	Pipe Schedule
Class 3000	S160
Class 6000	XXH



SIZE	L	SIZE	L
1/8	0.273	2	0.697
1/4	0.395	2-1/2	0.933
3/8	0.407	3	1.016
1/2	0.534	3-1/2	1.071
3/4	0.553	4	1.094
1	0.661	5	1.187
1-1/4	0.681	6	1.208
1-1/2	0.681	8	1.313

**Length of thread  
screwed into fitting**



Active  
3D  
Model



All dimensions are in inches • Weights are based on Carbon Steel

PIPE SIZE	CLASS 3000 – Figure No. 03022							
	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
A	0.875	1.000	1.250	1.500	1.750	2.250	2.500	3.000
B	1.625	1.750	2.000	2.000	2.000	2.000	2.000	2.000
C	0.438	0.563	0.703	0.906	1.141	1.468	1.688	2.188
LBS	0.19	0.25	0.45	0.60	0.73	1.17	1.36	1.67

PIPE SIZE	CLASS 6000 – Figure No. 06022							
	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
A	1.000	1.250	1.500	1.750	2.250	2.500	3.000	3.625
B	1.625	1.750	2.000	2.000	2.000	2.000	2.000	2.000
C	0.438	0.563	0.703	0.906	1.141	1.468	1.688	2.188
LBS	0.24	0.40	0.65	0.82	1.35	1.63	2.22	2.88