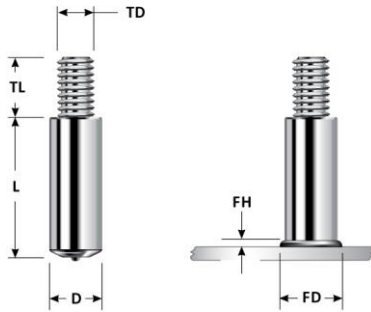


## Shoulder Studs Thread



### Thread:

Imperial Thread "TD"	Base Diameter "BD"	Minimum Length "L"	Min. Base Length* "TL"	Fillet Height* "FH"	Fillet Diameter* "FD"	Est. Burn* Off
8-32	1/4	.312	0.437	.109	.359	.125
10-32	5/16	.375	0.500	.109	.437	.125
1/4-20	3/8	.375	0.750	.125	.500	.125
5/16-18	7/16	.437	0.875	.140	.578	.125
3/8-16	1/2	.500	1.000	.156	.625	.125
1/2-13	5/8	.625	1.250	.187	.796	.187
5/8-11	3/4	.625	1.625	.250	.937	.187
3/4-10	7/8	.750	1.875	.312	1.093	.187

### Material:

	Low Carbon Steel	Stainless Steel
<b>Material:</b>	ASTM A108 C1010-C1020 C-0.23% max; P-0.04% max MN-0.90% max; S-0.05% max	ASTM A276 302HQ/304/304L STANDARD 18-8
<b>Mechanical Properties:</b>	Min. Tensile Type A .....61,000 psi (420 Mpa) Min. Yield Type A .....49,000 psi (340 MPa) Min. Tensile Type B .....65,000 psi (450 MPa) Min. Yield Type B .....51,000 psi (340 MPa)	Other Grades Available Upon Request
<b>Plating:</b>	Available As Special Request	Plating Does Not Apply To Stainless Steel
<b>Annealing:</b>		Studs Are Annealed Where Required