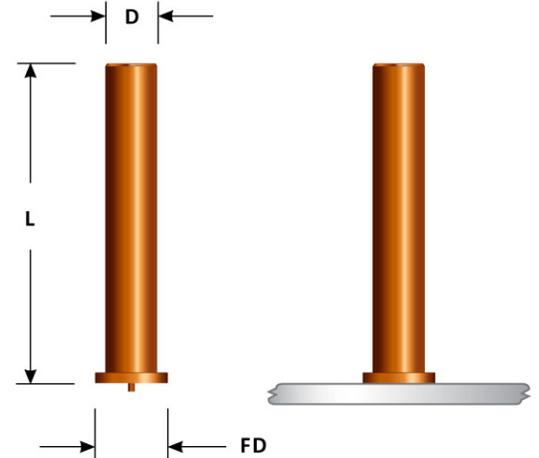


Flanged / No Thread

Diameter "D"	Flange* Diameter "FD"	Minimum Length "L"
.115	.187	.312
.125	.187	.312
.141	.218	.312
.156	.250	.312
.161	.250	.375
.187	.250	.500
.215	.312	.625
.250	.312	.625
.274	.375	.750
.312	.375	.750
.375	.437	.750



* Approximate values
Contact us if you have a special requirement

Material:

	Low Carbon Steel	Stainless Steel
Material:	C1008-C1020 C-0.23% Max; P-0.04% Max Mn-0.90% Max; S-0.05% Max	18-8 302Hq/304/304L Standard
Mechanical Properties:	Min. Tensile Type A61,000 Psi (420 Mpa) Min. Yield Type A49,000 Psi (340 Mpa)	Other Grades Available Upon Request
Plating:	Copper Plating Is Standard	Plating Does Not Apply To Stainless Steel
Annealing:		Studs Are Annealed Where Required
Aluminum:	1100, 6061 And 5000 Series	Brass Alloy - Lead Free 70-30 In Standard