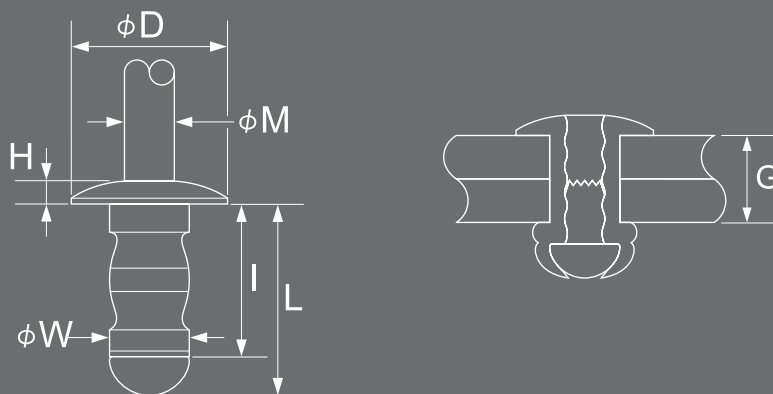


# TECHNICAL SPECIFICATION

## - Multi-Grip -

[ Symbols of standard dimensions and installation diagram ]



## SPECIFICATION TABLE

### ALU / STEEL DOME HEAD

Sleeve diameter W (in)	Mating hole diameter (in)	Recommended fastening range G (in)	I (in)	L*1 (in)	D (in)	H (in)	M (in)	Strength*2 (kN)	
						Dome head		Tensile	Shear
0.126	0.130 <sup>+0.0039</sup> / <sub>0</sub>	0.031 ~ 0.185	0.319	0.402	0.252	0.039	0.076	1.0	0.7
		0.157 ~ 0.311	0.437	0.520					
0.157	0.161 <sup>+0.0039</sup> / <sub>0</sub>	0.047 ~ 0.248	0.366	0.465	0.315	0.047	0.095	1.5	1.1
		0.157 ~ 0.374	0.512	0.610					
		0.252 ~ 0.500	0.709	0.807					
0.189	0.193 <sup>+0.0039</sup> / <sub>0</sub>	0.063 ~ 0.252	0.413	0.528	0.374	0.059	0.116	2.5	1.7
		0.189 ~ 0.449	0.622	0.736					
		0.331 ~ 0.500	0.705	0.819					
		0.500 ~ 0.780	1.020	1.134					

Sleeve: Aluminum A5052, Mandrel: Hard steel wire / zinc plating

### STEEL / STEEL DOME HEAD

Sleeve diameter W (in)	Mating hole diameter (in)	Recommended fastening range G (in)	I (in)	L*1 (in)	D (in)	H (in)	M (in)	Strength*2 (kN)	
						Dome head		Tensile	Shear
0.126	0.130 <sup>+0.0039</sup> / <sub>0</sub>	0.031 ~ 0.185	0.319	0.402	0.252	0.039	0.080	1.3	1.1
		0.157 ~ 0.311	0.437	0.520					
0.189	0.193 <sup>+0.0039</sup> / <sub>0</sub>	0.063 ~ 0.252	0.413	0.535	0.374	0.059	0.123	3.4	2.6
		0.189 ~ 0.449	0.622	0.744					
		0.331 ~ 0.500	0.705	0.827					
		0.500 ~ 0.780	1.020	1.142					

Sleeve: Steel SWCH / trivalent chromate, Mandrel: Hard steel wire / zinc plating

