



SMOOTH WALLED INSERTS

Standard & Metric Sizes

- Standard materials: low carbon steel; other materials available by request.
- Standard plating: zinc plus lubricant; other options available by request.
- Thin wall– low profile head.

Standard Sizes						
Thread Size	Grip Range	Under Head Length	Head Diameter	Head Thickness	Body Diameter	Hole Size
		+/- 0.015	+/-0.015	Nom	Max	Ref.
6-32	0.020-0.080	0.385	0.295	0.018	0.249	0.250
8-32	0.020-0.080	0.385	0.295	0.018	0.249	0.250
10-24	0.020-0.130	0.440	0.320	0.020	0.280	0.281
10-32	0.020-0.130	0.440	0.320	0.020	0.280	0.281
1/4-20	0.030-0.165	0.580	0.425	0.022	0.374	0.375
1/4-28	0.030-0.165	0.580	0.425	0.022	0.374	0.375
5/16-18	0.040-0.200	0.690	0.560	0.022	0.499	0.500
5/16-24	0.040-0.200	0.690	0.560	0.022	0.499	0.500
3/8-16	0.040-0.200	0.690	0.560	0.022	0.499	0.500
3/8-24	0.040-0.200	0.690	0.560	0.022	0.499	0.500
Metric Sizes						
Thread Size	Grip Range	Under Head Length	Head Diameter	Head Thickness	Body Diameter	Hole Size
		+/- 0.015	Nom	Nom	Max	Ref.
M4 x 0.7	0.5-2	9.78	7.49	0.46	6.32	6.4
M5 x 0.8	0.5-3.3	11.18	8.13	0.51	7.11	7.2
M6 x 1	0.76-4.2	14.73	10.8	0.56	9.5	9.6
M8 x 1.25	1.02-5.1	17.53	14.22	0.56	12.67	12.7
M10 x 1.5	1.02-5.1	17.53	14.22	0.56	12.67	12.7

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