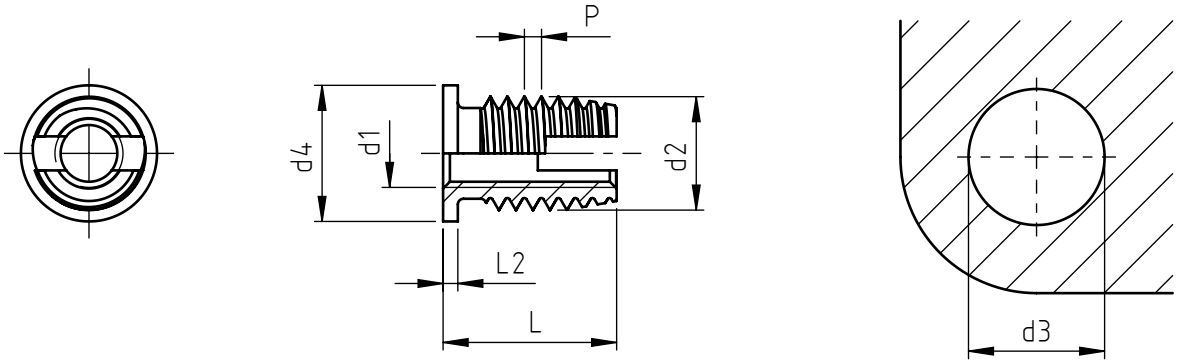
specialinsert®	SELF-TAPPING BUSHINGS	Series 302 1/S

Application: non-ferrous metals, light alloys, cast iron, brass, plastics materials, resins.
Assembly: by special equipment.

302 1/S with head can be applied as a contact/electrical contact support for simultaneous fastening of several parts; when stress is applied against the head, the tensile force increases significantly.



code	internal thread d1	external thread d2	P	head diameter d4	head height L2	length L	approx. hole diameter d3			Minimum borehole depth for blind holes
							light alloy Rm<350 <150HB, plastic	light alloy Rm<350 cast iron<200HB hard plastic	light alloy Rm>350 cast iron >200HB	
302 1040.80/S	M 4	6,5	0,75	9	1,0	9,0	5,9 ÷ 6,0	6,0 ÷ 6,1	6,1 ÷ 6,2	10
302 1050.80/S	M 5	8,0	1,00	11	1,0	11,0	7,2 ÷ 7,3	7,3 ÷ 7,5	7,5 ÷ 7,6	12
302 1060.80/S	M 6	10,0	1,50	13	1,5	15,5	8,8 ÷ 9,0	9,0 ÷ 9,2	9,2 ÷ 9,4	16
302 1080.80/S	M 8	12,0	1,50	15	1,5	16,5	10,8 ÷ 11,0	11,0 ÷ 11,2	11,2 ÷ 11,4	17
302 1100.80/S	M 10	14,0	1,50	17	1,5	19,5	12,8 ÷ 13,0	13,0 ÷ 13,2	13,2 ÷ 13,4	20

Rm = ultimate tensile strength N/mm^2 HB = Brinell hardness
Non binding dimensions, expressed in mm.

Internal thread UNC, UNF, Whitworth or fine thread on request

In order to use correctly the products, we suggest to carry out some preliminary assembly tests to determine the right hole.

Standard | On demand | - - Not manufactured

Material: brass
(other materials on request)

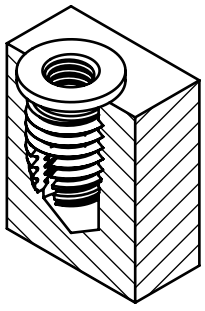
_____.80

Finishing: natural

Tolerance: ISO 2768 - m

Thread d1: metric ISO 6H

Example: self-tapping 302 1/S series, M5 thread, in brass:
302 1050.80/S



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specialinsert®
www.specialinsert.it - export@specialinsert.it

Headquarter and Export department:
Via Monfalcone 144 - 10136 - Turin - IT - Tel. +39.011.700301
Milan branch:
Via E.Cialdini 37 - 20161 - Milan - IT - Tel. +39.02.646.8476
Production and purchase departments:
Via E. Pavanello 1 - 30030 - Maerne di Martellago (Venice) - IT - Tel. +39.041.503.0100