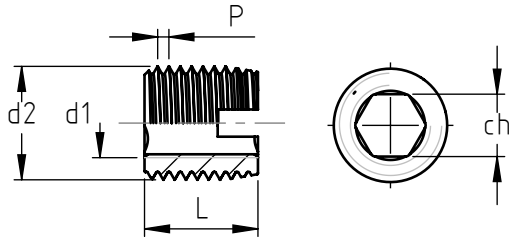
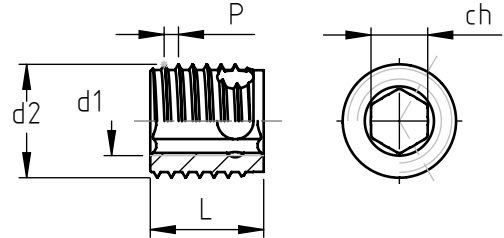


Application: light alloys, non-ferrous metals, cast iron, brass, plastic materials, resins.
 Assembly: the bushing with a recessed hexagon is fitted using a hexagonal tool, enabling quick installation even with simple non-reversible screw drivers (clockwise rotation)
 Other benefits: the Ensat® can be extrated without problems before the recycling process, resulting in lower costs.

302 2



307 2 / 308 2



code	internal thread d1	special external thread d2		length L	hexagonal socket ch +0,1 -0,0	minimum drill hole depth d3	approx. hole diameter d3		
			p				light alloy Rm<250 <150HB plastic	light alloy Rm<350 c.iron<200HB hard plastic	light alloy Rm>350 c.iron>200HB brass, non-ferrous metal
302 2040 ...	M 4	6,5	0,75	8	3,2	10	5,9÷6,0	6,0÷6,1	6,1÷6,2
307 2040 ...			0,80	6		8	6,0÷6,1	6,1	6,1÷6,2
308 2040 ...			0,80	8		10			
302 2050 ...	M 5	8,0	1,00	10	4,1	13	7,2÷7,3	7,3÷7,5	7,5÷7,6
307 2050 ...			1,00	7		9	7,4÷7,5	7,5÷7,6	7,6÷7,7
308 2050 ...			1,00	10		13			
302 2060 ...	M 6	10,0	1,50	14	4,9	17	8,8÷8,9	9,0÷9,2	9,2÷9,4
307 2060 ...			1,25	8		10	9,3÷9,4	9,4÷9,5	9,5÷9,6
308 2060 ...			1,25	12		15			
302 2080 ...	M 8	12,0	1,50	15	6,6	18	10,8÷11,0	11,0÷11,2	11,2÷11,4
307 2080 ...			1,50	9		11	11,1÷11,2	11,2÷11,3	11,3÷11,5
308 2080 ...			1,50	14		17			
302 2100 ...	M 10	14,0	1,50	18	8,3	22	12,8÷13,0	13,0÷13,2	13,2÷13,4
307 2100 ...			1,50	10		13	13,1÷13,2	13,2÷13,3	13,3÷13,5
308 2100 ...			1,50	18		22			
302 2120 ...	M 12	16,0	1,50	22	10,1	26	14,8÷15,0	15,0÷15,2	15,2÷15,4
307 2120 ...			1,75	12		15	15,0÷15,1	15,1÷15,2	15,2÷15,4
308 2120 ...			1,75	22		26			

Non binding dimensions, expressed in mm.

Rm = ultimate tensile strength N/mm² HB = Brinell hardness

Other METRIC, UNC, UNF, WHITWORTH threads are available on demand.

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

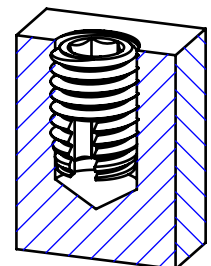
Material: steel _____ . 16
 austenitic stainless steel 1.4305 (from M4 to M8) _____ . 50
 brass _____ . 80

Finishing: steel: zinc-plated
 stainless steel and brass: natural

Tolerance: ISO 2768 - m

Thread d1: metric ISO 6H

Example: self-tapping Ensat® bushing series 302 2, M5 thread,
 zinc-plated steel: 302 2050.16



SPECIALINSERT® COMMITS ITSELF TO CONTINUOUSLY IMPROVE ITS PRODUCTS. IT RESERVES THE RIGHT TO CHANGE THEIR TECHNICAL AND STRUCTURAL CHARACTERISTICS WITHOUT PRIOR NOTICE. ALL RIGHTS ARE RESERVED AND THE DUPLICATE, EVEN PARTIAL, OF THESE DOCUMENTS, AS WELL AS ITS DISTRIBUTION TO THIRD PARTIES, ARE FORBIDDEN, UNLESS OTHERWISE AND EXPRESSLY AUTHORIZED BY SPECIALINSERT.