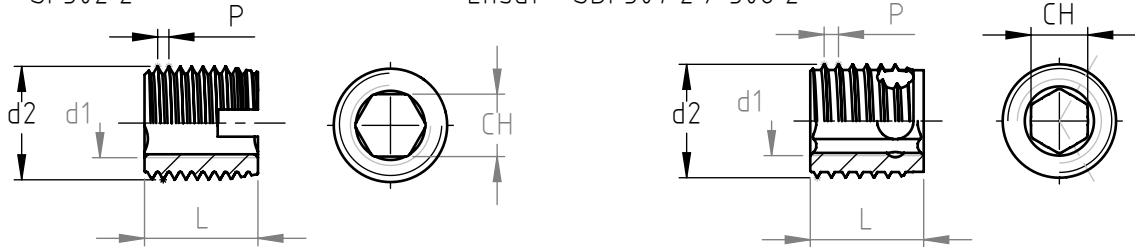


Application: light alloys, no-ferrous metals, plastics materials, resins.
 Assembly: the Ensat® is inserted via the exagonal socket, permitting the achievement of short installation times. More simple driving tools and machines which require only clockwise rotation.
 Other benefits: the Ensat® can be extrated without problems before the recycling process, resulting in lower costs.

Ensat® SI 302 2

Ensat® SBI 307 2 / 308 2



code	internal thread d1	special external thread d2 P	length L	hexagonal socket CH+0,1	minimum drill hole depth in case of blind holes	approx. hole diameter			minimum wall thickness				
						light alloy Rm<250 <150HB plastic	light alloy Rm<350 cast iron>200HB hard-plastic	light alloy Rm>350 cast iron>200HB brass, NF-metal					
302 2 040 ...	M 4	6,5	0,75	8	3,2	10	5,9	6,0÷6,1	6,2	8			
307 2 040 ...			6	8						6,0	6,1	6,2	6
308 2 040 ...			8										8
302 2 050 ...	M 5	8	1	10	4,1	13	7,2	7,3÷7,5	7,6	10			
307 2 050 ...			7	9						7,4	7,5÷7,6	7,7	7
308 2 050 ...			10										13
302 2 060 ...	M 6	10	1,5	14	4,9	17	8,8	9,0÷9,2	9,4	14			
307 2 060 ...			8	11						9,3	9,4÷9,5	9,6	8
308 2 060 ...			12										15
302 2 080 ...	M 8	12	1,5	15	6,6	18	10,8	11,0÷11,2	11,4	15			
307 2 080 ...			9	12						11,1	11,2÷11,3	11,5	9
308 2 080 ...			14										17
302 2 100 ...	M 10	14	1,5	18	8,3	22	12,8	13,0÷13,2	13,4	18			
307 2 100 ...			10	16						13,1	13,2÷13,3	13,5	10
308 2 100 ...			18										22
302 2 120 ...	M 12	16	1,5	22	10,1	27	14,8	15,0÷15,2	15,4	22			
307 2 120 ...			12	15						15,0	15,1÷15,2	15,4	12
308 2 120 ...			22										26

Rm = ultimate tensile strength N/mm² HB = Brinell hardness
 Non binding dimensions, expressed in mm.
 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

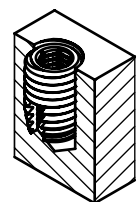
Material: steel _____ . 16
 austenitic stainless steel 1.4305 (from M4 to M8) _____ . 50
 brass _____ . 80

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

Tolerance: ISO 2768 - m

Thread d1: metric ISO 6H (internal thread)

Example: self-tapping Ensat series 302 2, M5 thread,
 zinc-plated steel: 302 2 050.16



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