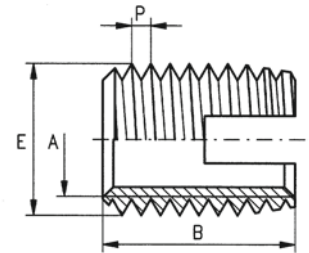


Application

Threaded insert Ensat® with cutting slot in a special thin-walled and shortened version. Particularly suitable for plastic with thin residual walls and for light-weight constructions.

These versions are designed primarily for processing on thread tapping machines, as the pitch of the outside and internal thread is identical.



Dimensions in mm

Article number	Internal thread A	External thread Special thread		Length B	Guideline values for receiving hole diameter		Minimum borehole depth for blind holes T
		E	P		soft plastics hardwood L	hard, brittle plastics L	
303 000 030 ...	M 3	4,5	0,5	6	4,0 to 4,1	4,1 to 4,2	8
303 000 035 ...	M 3,5	5	0,6	6	4,5 to 4,6	4,6 to 4,7	8
303 000 040 ...	M 4	6	0,7	6	5,3 to 5,4	5,5 to 5,6	8
303 000 050 ...	M 5	7	0,8	8	6,3 to 6,4	6,5 to 6,6	10
303 000 060 ...	M 6	8	1,0	10	7,1 to 7,2	7,3 to 7,5	13
303 000 080 ...	M 8	10	1,25	12	8,6 to 8,8	8,9 to 9,2	15
303 000 100 ...	M 10	12	1,5	15	10,6 to 10,8	10,9 to 11,2	18

Example for finding the article number

Self-tapping thin-walled insert Ensat®-SD slot to Works Standard 303 with internal thread A = M5 made of case-hardened, zinc plated and blue passivated steel: Ensat®-SD 303 000 050.110

Materials

Case-hardened steel, zinc plated, blue passivated
Case-hardened steel, zinc-nickel plated, transparent passivated
Stainless steel 1.4305 (M4 to M8)
Brass

Article-No. (**fourth** group of digits) ... 110
Article-No. (**fourth** group of digits) ... 143
Article-No. (**fourth** group of digits) ... 500
Article-No. (**fourth** group of digits) ... 800

Other materials, designs and finishes on request.

Tolerance

ISO 2768-m

Thread

Internal thread A: as per ISO 6H
External thread E: as per KKV standard