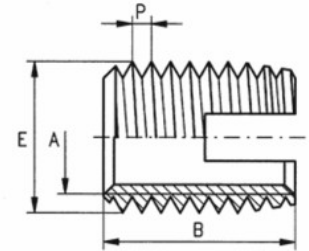


**Application**

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