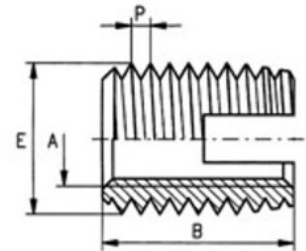


Application

Threaded insert with cutting slot and internal thread.
Whitworth, UNC or UNF



Dimensions in mm

	Article number	Internal thread	External thread		Length mm	Guideline values for receiving hole diameter	Minimum borehole depth for blind holes
		inch	E	P			
Whitworth B.S.84 Internal thread Tolerance: medium	302 000 525 ...	1/4	10	1,5	14	9,2 to 9,4	17
	302 000 531 ...	5/16	12	1,5	15	11,2 to 11,4	18
	302 000 537 ...	3/8	14	1,5	18	13,2 to 13,4	22
	302 000 544 ...	7/16	16	1,5	22	15,2 to 15,4	26
	302 000 550 ...	1/2	18	1,5	22	17,2 to 17,4	26
	302 000 562 ...	5/8	20	1,5	22	19,2 to 19,4	26
UNC Unified Coarse Thread ANSI B1.1/BS 1580 Internal thread Tolerance 2B	302 000 604 ...	4 – 40	5	0,5	6	4,7 to 4,8	8
	302 000 606 ...	6 – 32	6	0,75	8	5,6 to 5,7	10
	302 000 608 ...	8 – 32	6,5	0,75	8	6,1 to 6,2	10
	302 000 610 ...	10 – 24	8	1	10	7,5 to 7,6	13
	302 000 625 ...	1/4 – 20	10	1,5	14	9,2 to 9,4	17
	302 000 631 ...	5/16 – 18	12	1,5	15	11,2 to 11,4	18
	302 000 637 ...	3/8 – 16	14	1,5	18	13,2 to 13,4	22
	302 000 644 ...	7/16 – 14	16	1,5	22	15,2 to 15,4	26
	302 000 650 ...	1/2 – 13	18	1,5	22	17,2 to 17,4	26
302 000 662 ...	5/8 – 11	20	1,5	22	19,2 to 19,4	26	
UNF Unified Fine Thread ANSI B1.1/BS 1580 Internal thread Tolerance 2B	302 000 704 ...	4 – 48	5	0,5	6	4,7 to 4,8	8
	302 000 706 ...	6 – 40	6	0,75	8	5,6 to 5,7	10
	302 000 708 ...	8 – 36	6,5	0,75	8	6,1 to 6,2	10
	302 000 710 ...	10 – 32	8	1	10	7,5 to 7,6	13
	302 000 725 ...	1/4 – 28	10	1,5	14	9,2 to 9,4	17
	302 000 731 ...	5/16 – 24	12	1,5	15	11,2 to 11,4	18
	302 000 737 ...	3/8 – 24	14	1,5	18	13,2 to 13,4	22
	302 000 744 ...	7/16 – 20	16	1,5	22	15,2 to 15,4	26
	302 000 750 ...	1/2 – 20	18	1,5	22	17,2 to 17,4	26
	302 000 762 ...	5/8 – 18	20	1,5	22	19,2 to 19,4	26

Example for finding the article number

Self-tapping threaded insert Ensats®-S to Works Standard 302 0 with internal thread A = UNF 1/4-28 made of case-hardened, zinc plated, thick film passivated steel: Ensats®-S 302 000 725.112

Materials

Case-hardened steel, zinc plated, blue passivated	Article no. (fourth group of digits) 110
Case-hardened steel, zinc plated, thick film passivated	Article no. (fourth group of digits) 112
Case-hardened steel, zinc-nickel plated, transparent passivated	Article no. (fourth group of digits) 143
Stainless steel 1.4305	Article no. (fourth group of digits) 500
Brass	Article no. (fourth group of digits) 800

Other materials, designs (e. g. fine thread) and finishes on request.

Tolerance

ISO 2768-m

Thread

External thread E: as per KKV standard

Remark:

Female threads in imperial measurements are also available for other Ensats® types.
Example: Self-tapping thread insert Ensats®-SB (see page 16, female thread M6) with female thread A = 1/4-20 UNC in steel, case-hardened, zinc plated, thick film passivated and a length of B = 12 mm: 308 000 625.112