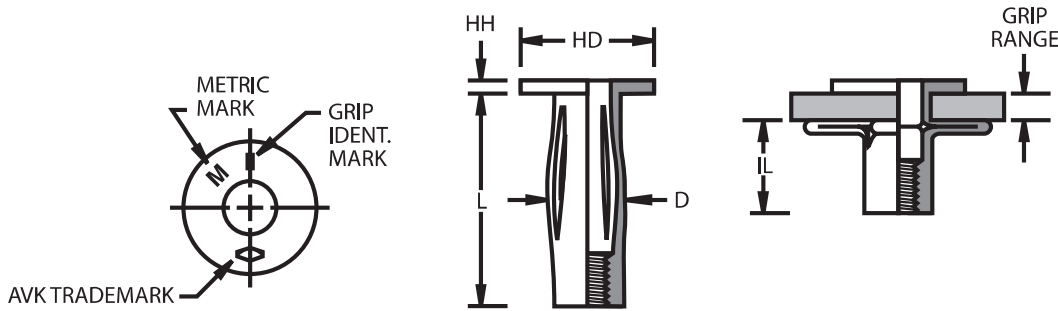


UNIFIED (INCH) AND METRIC THREAD SIZES



INSERT
THREADED INSERT



Thread Specifications: Unified 2B/21 per ASME B1.1
Metric 6H/21 per ASME B1.13M

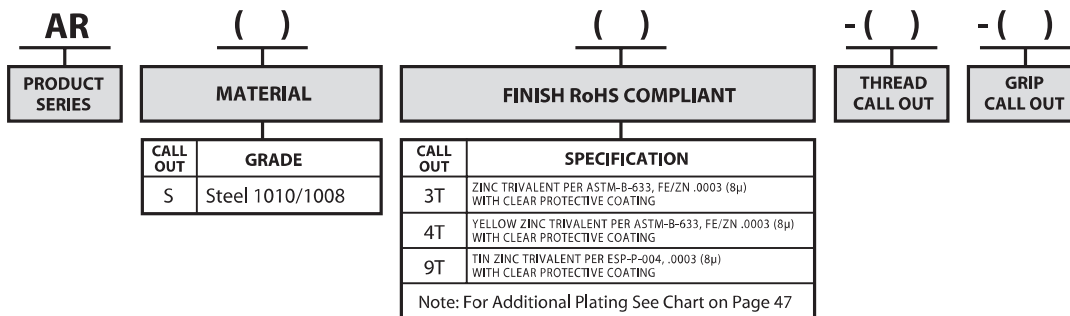
THREAD SIZE	THREAD CALL OUT	GRIP RANGE	GRIP CALL OUT	HOLE SIZE	HD	HH	L	D MAX.	IL MAX.	GRIP ID MARK
1/4-20 UNC	420	.020 - .280	.280	.396 .390	.645 .610	.063 .053	1.015 .985	.382	.520	Blank
1/4-20 UNC	420	.280 - .500	.500	.396 .390	.645 .610	.063 .053	1.249 1.219	.382	.520	1 Rad
5/16-18 UNC	518	.020 - .280	.280	.506 .500	.770 .740	.067 .057	1.156 1.126	.495	.775	Blank
5/16-18 UNC	518	.280 - .500	.500	.506 .500	.770 .740	.067 .057	1.390 1.360	.495	.775	1 Rad
3/8-16 UNC	616	.020 - .280	.280	.600 .594	.895 .865	.093 .083	1.233 1.205	.587	.775	Blank
3/8-16 UNC	616	.280 - .500	.500	.600 .594	.895 .865	.093 .083	1.452 1.422	.587	.775	1Rad
THREAD SIZE	THREAD CALL OUT	GRIP RANGE	GRIP CALL OUT	HOLE SIZE	HD	HH	L	D MAX.	IL MAX.	GRIP ID MARK
M6 x 1,0 ISO	610	0,5 - 7,1	7.1	10,15 10,00	16,38 15,49	1,60 1,35	25,78 25,02	9,80	13,21	Blank
M6 x 1,0 ISO	610	7,1 - 12,7	12.7	10,15 10,00	16,38 15,49	1,60 1,35	31,72 30,96	9,80	13,21	1 Rad
M8 x 1,25 ISO	8125	0,5 - 7,1	7.1	12,85 12,70	19,56 18,80	1,70 1,45	29,36 28,60	12,57	19,69	Blank
M8 x 1,25 ISO	8125	7,1 - 12,7	12.7	12,85 12,70	19,56 18,80	1,70 1,45	35,31 34,54	12,57	19,69	1 Rad
M10 x 1,5 ISO	1015	0,5 - 7,1	7.1	15,24 15,09	22,73 21,97	2,36 2,11	31,32 30,61	14,91	19,69	Blank
M10 x 1.50 ISO	1015	7,1 - 12,7	12.7	15,24 15,09	22,73 21,97	2,36 2,11	36,88 36,10	14,91	19,69	1 Rad

NOTE 1: Grip range stated in the dimensional chart above can be achieved using pull type installation tools and may be variable based on hole size and parent material density. AVK recommends trial installations to determine actual grip range in the application.
NOTE 2: Grip ranges will be less than stated above when using torque type installation tools. Grip range will be affected by the tool RPM speed, stall torque, hole size and parent material density. AVK recommends trial installations to determine actual grip. See page 34 for torque tool selection guidelines

PART NUMBERING SYSTEM



SAMPLE NUMBER: ARS3T-420-280



For air tool selection see pages 35 and 37