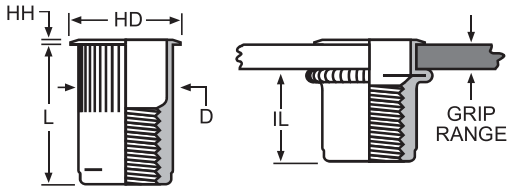
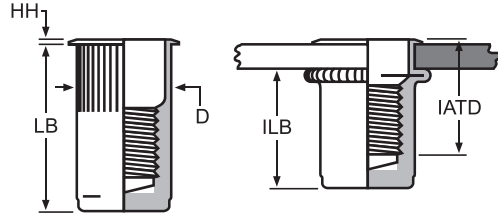


UNIFIED (INCH) AND METRIC THREAD SIZES

OPEN END TYPE



CLOSED END TYPE



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 +.006 -.000	HD ±.015	HH ±.003	L ±.015	D Max.	IL Max.	LB ±.015	ILB Max.	IATD* Max.
6-32 UNC	632	.020-.080	80	17/64 (.2656)	.310	.019	.420	.265	.305	.740	.640	.610
6-32 UNC	632	.080-.130	130	17/64 (.2656)	.310	.019	.470	.265	.305	.740	.580	.670
8-32 UNC	832	.020-.080	80	17/64 (.2656)	.310	.019	.420	.265	.305	.740	.640	.610
8-32 UNC	832	.080-.130	130	17/64 (.2656)	.310	.019	.470	.265	.305	.740	.580	.670
10-24 UNC	1024	.020-.130	130	19/64 (.2969)	.340	.019	.475	.296	.315	.990	.845	.730
10-24 UNC	1024	.130-.225	225	19/64 (.2969)	.340	.019	.585	.296	.315	.990	.735	.840
10-32 UNF	1032	.020-.130	130	19/64 (.2969)	.340	.019	.475	.296	.315	.990	.845	.730
10-32 UNF	1032	.130-.225	225	19/64 (.2969)	.340	.019	.585	.296	.315	.990	.735	.840
1/4-20 UNC	420	.027-.165	165	25/64 (.3906)	.455	.022	.580	.390	.380	1.190	1.005	.895
1/4-20 UNC	420	.165-.260	260	25/64 (.3906)	.455	.022	.680	.390	.380	1.190	.905	1.035
5/16-18 UNC	518	.027-.150	150	17/32 (.5312)	.595	.022	.690	.530	.470	1.390	1.175	.995
5/16-18 UNC	518	.150-.312	312	17/32 (.5312)	.595	.022	.805	.530	.425	1.390	1.025	1.120
3/8-16 UNC	616	.027-.150	150	17/32 (.5312)	.595	.022	.690	.530	.470	1.390	1.175	.995
3/8-16 UNC	616	.150-.312	312	17/32 (.5312)	.595	.022	.805	.530	.425	1.390	1.025	1.120

Thread Size	Thread Call Out	Grip Range	Grip Call Out	Hole Size +0,15 -0,00	HD ±0,38	HH ±0,08	L ±0,38	D Max.	IL Max.	LB ±0,38	ILB Max.	IATD* Max.
M4 x 0,7 ISO	470	0,50-2,00	2.0	6,75	7,87	0,48	10,67	6,73	7,75	18,80	16,26	15,49
M4 x 0,7 ISO	470	2,00-3,30	3.3	6,75	7,87	0,48	11,94	6,73	7,75	18,80	14,73	17,02
M5 x 0,8 ISO	580	0,50-3,30	3.3	7,60	8,64	0,48	12,07	7,52	8,00	25,15	21,46	18,54
M5 x 0,8 ISO	580	3,30-5,70	5.7	7,60	8,64	0,48	14,86	7,52	8,00	25,15	18,67	21,34
M6 x 1,0 ISO	610	0,70-4,20	4.2	10,00	11,56	0,55	14,73	9,91	9,65	30,23	25,53	22,73
M6 x 1,0 ISO	610	4,20-6,60	6.6	10,00	11,56	0,55	17,27	9,91	9,65	30,23	22,99	26,29
M8 x 1,25 ISO	8125	0,70-3,80	3.8	13,50	15,11	0,55	17,53	13,46	11,94	35,31	29,85	25,27
M8 x 1,25 ISO	8125	3,80-7,90	7.9	13,50	15,11	0,55	20,45	13,46	10,80	35,31	26,04	28,45
M10 x 1,5 ISO	1015	0,70-3,80	3.8	13,50	15,11	0,55	17,53	13,46	11,94	35,31	29,85	25,27
M10 x 1,5 ISO	1015	3,80-7,90	7.9	13,50	15,11	0,55	20,45	13,46	10,80	35,31	26,04	28,45

NOTE 1: Grip range can be affected by parent material density and actual hole size. AVK suggests trial installations to determine optimum grip. NOTE 2: Additional UNF fine threads are available. Contact AVK for details. NOTE 3: Additional grip lengths are available in certain thread sizes. Contact AVK for details. * Dimensions in minimum grip condition.

PART NUMBERING SYSTEM

Product Series	Material		Finish		Thread Call Out	Grip Call Out	Type	
	Call Out	Grade	Call Out	Specification			Call Out	Type
S	Steel	1010/1008	3T	Zinc Trivalent per ASTM-B-633, FE/ZN .0003 (8µ) with Clear Protective Coating			<i>blank</i>	Open End
A	Aluminum	5056	4T	Yellow Zinc Trivalent per ASTM-B-633, FE/ZN .0003 (8µ) with Clear Protective Coating			B	Closed End
B	Brass	270/260	9T	Tin Zinc Trivalent per ESP-P-004, 0003 (8µ) with Clear Protective Coating				
M	Monel	400						

Sample Part Number:
AKS3T-420-165