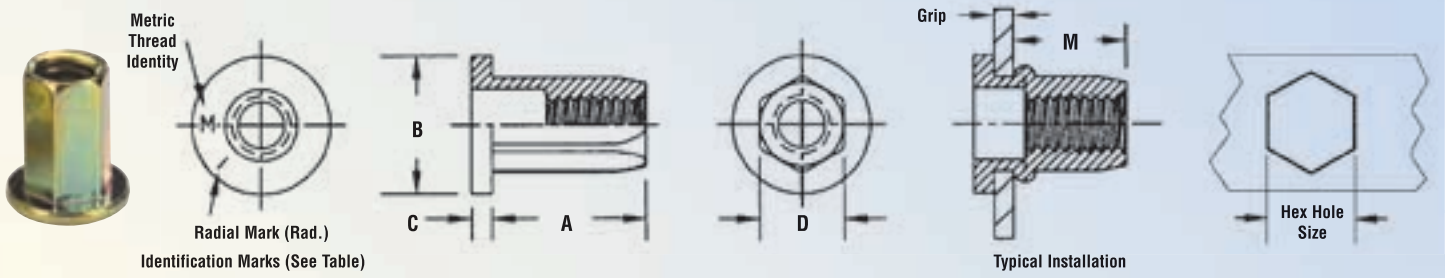


MaxTite - STANDARD FULL-HEX



All dimensions are in inches.

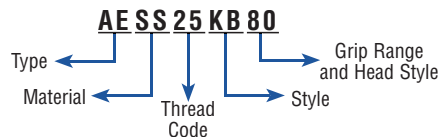
Thread Size (1)	Part Number	Grip Range (1)	Identification Mark	A ±.015	B ±.015	C Nom.	D Max.	M Ref.	Hex Hole Size In Sheet +.005 -.000
#10-32	AES10H85	.010 - .085	Blank	.344	.344	.043	.223	.200	.224
#10-32	AES10H135	.085 - .135	1 Rad.	.406	.344	.043	.223	.210	.224
#10-32	AES10H185	.135 - .185	2 Rad.	.453	.344	.043	.223	.210	.224
1/4-20	AES25H85	.020 - .085	Blank	.406	.437	.043	.296	.245	.297
1/4-20	AES25H145	.085 - .145	1 Rad.	.469	.437	.043	.296	.250	.297
1/4-20	AES25H205	.145 - .205	2 Rad.	.531	.437	.043	.296	.250	.297
5/16-18	AES31H105	.030 - .105	Blank	.562	.562	.048	.368	.375	.369
5/16-18	AES31H175	.105 - .175	1 Rad.	.640	.562	.048	.368	.380	.369
5/16-18	AES31H245	.175 - .245	2 Rad.	.703	.562	.048	.368	.375	.369
3/8-16	AES37H115	.030 - .115	Blank	.625	.656	.058	.437	.400	.438
3/8-16	AES37H205	.115 - .205	1 Rad.	.718	.656	.058	.437	.405	.438
3/8-16	AES37H295	.205 - .295	2 Rad.	.812	.656	.058	.437	.410	.438

All dimensions are in millimeters.

Thread Size (1)	Part Number	Grip Range (1)	Identification Mark	A ±0.38	B ±0.38	C Nom.	D Max.	M Ref.	Hex Hole Size In Sheet +0.13
M5 x 0.8	AESM5H215	0.5 - 2.15	Blank	10.3	9.52	1.09	6.35	6.72	6.36
M5 x 0.8	AESM5H355	2.15 - 3.55	1 Rad.	11.9	9.52	1.09	6.35	6.72	6.36
M5 x 0.8	AESM5H505	3.55 - 5.05	2 Rad.	13.48	9.52	1.09	6.35	6.72	6.36
M6 x 1	AESM6H215	0.5 - 2.15	Blank	10.3	11.09	1.09	7.52	6.22	7.54
M6 x 1	AESM6H365	2.15 - 3.65	1 Rad.	11.9	11.09	1.09	7.52	6.22	7.54
M6 x 1	AESM6H520	3.65 - 5.2	2 Rad.	13.48	11.09	1.09	7.52	6.22	7.54
M8 x 1.25	AESM8H255	0.5 - 2.55	Blank	15.86	15.07	1.57	10.08	10.35	10.11
M8 x 1.25	AESM8H455	2.5 - 4.55	1 Rad.	17.84	15.07	1.57	10.08	10.35	10.11
M8 x 1.25	AESM8H660	4.55 - 6.6	2 Rad.	19.82	15.07	1.57	10.08	10.35	10.11
M10 x 1.5	AESM10H295	0.75 - 2.95	Blank	15.88	17.48	1.57	11.89	13.08	11.91
M10 x 1.5	AESM10H520	2.95 - 5.2	1 Rad.	18.24	17.48	1.57	11.89	13.08	11.91
M10 x 1.5	AESM10H750	5.2 - 7.5	2 Rad.	20.62	17.48	1.57	11.89	13.08	11.91

(1) Additional thread sizes and grip ranges are available.

MaxTite Part Number Designation



Material	A = Aluminum	S = Steel	NM = 300 Series Stainless	SS = 430 Stainless Steel	BR = Brass	CH = 4037 Alloy Steel		
Thread Code	4 = 4-40	6 = 6-32	8 = 8-32	10 = 10-32	25 = 1/4-20	31 = 5/16-18	37 = 3/8-16	50 = 1/2-13
	M3 = M3x0.5	M4 = M4x0.7	M5 = M5x0.8	M6 = M6x1	M8 = M8x1.25	M10 = M10x1.5	M12 = M12x1.75	
Style	"—" = Keyless open end K = Keyed open end B = Keyless closed end KB = Keyed closed end R = Ribbed shank open end RB = Ribbed shank closed end H = Full-hex body							
Grip Range	The code is the max grip in thousands of an inch for unified parts and is the max grip in millimeters for metric parts. See applicable chart for grip range.							
Head Style	Grip range codes ending in 0 or 5 are flathead inserts, and grip range codes ending in 1 or 6 are countersunk head inserts.							

For parts other than steel with cadmium plating, call the factory for an additional part number code.