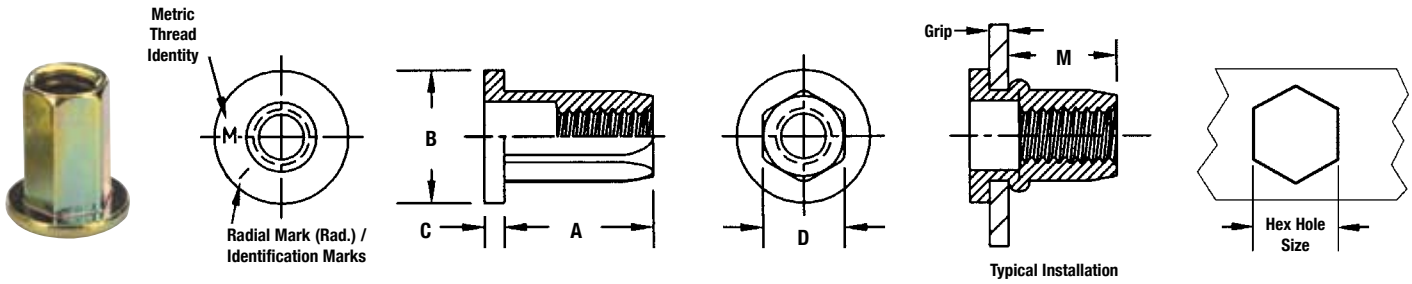


- Designed for high load applications. Full hex feature for high torque applications.



All dimensions are in inches. See page AE-35 for part number key.

Thread Size (1)	Part Number (2)	Grip Range (1)	Identification Mark	A ±.015	B ±.015	C Nom.	D Max.	M Ref.	Hex Hole Size In Sheet +.005 -.000
#10-32	AES10H85ZYR	.010 - .085	Blank	.344	.344	.043	.223	.200	.224
#10-32	AES10H135ZYR	.085 - .135	1 Rad.	.406	.344	.043	.223	.210	.224
#10-32	AES10H185ZYR	.135 - .185	2 Rad.	.453	.344	.043	.223	.210	.224
1/4-20	AES25H85ZYR	.020 - .085	Blank	.406	.437	.043	.296	.245	.297
1/4-20	AES25H145ZYR	.085 - .145	1 Rad.	.469	.437	.043	.296	.250	.297
1/4-20	AES25H205ZYR	.145 - .205	2 Rad.	.531	.437	.043	.296	.250	.297
5/16-18	AES31H105ZYR	.030 - .105	Blank	.562	.562	.048	.368	.375	.369
5/16-18	AES31H175ZYR	.105 - .175	1 Rad.	.640	.562	.048	.368	.380	.369
5/16-18	AES31H245ZYR	.175 - .245	2 rad.	.703	.562	.048	.368	.375	.369
3/8-16	AES37H115ZYR	.030 - .115	Blank	.625	.656	.058	.437	.400	.438
3/8-16	AES37H205ZYR	.115 - .205	1 Rad.	.718	.656	.058	.437	.405	.438
3/8-16	AES37H295ZYR	.205 - .295	2 Rad.	.812	.656	.058	.437	.410	.438

All dimensions are in millimeters.

Thread Size (1)	Part Number (2)	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	AESM5H215ZYR	0.5 - 2.15	Blank	10.3	9.52	1.09	6.35	6.72	6.36
M5 x 0.8	AESM5H355ZYR	2.15 - 3.55	1 Rad.	11.9	9.52	1.09	6.35	6.72	6.36
M5 x 0.8	AESM5H505ZYR	3.55 - 5.05	2 Rad.	13.48	9.52	1.09	6.35	6.72	6.36
M6 x 1	AESM6H215ZYR	0.5 - 2.15	Blank	10.3	11.09	1.09	7.52	6.22	7.54
M6 x 1	AESM6H365ZYR	2.15 - 3.65	1 Rad.	11.9	11.09	1.09	7.52	6.22	7.54
M6 x 1	AESM6H520ZYR	3.65 - 5.2	2 Rad.	13.48	11.09	1.09	7.52	6.22	7.54
M8 x 1.25	AESM8H255ZYR	0.5 - 2.55	Blank	15.86	15.07	1.57	10.08	10.35	10.11
M8 x 1.25	AESM8H455ZYR	2.5 - 4.55	1 Rad.	17.84	15.07	1.57	10.08	10.35	10.11
M8 x 1.25	AESM8H660ZYR	4.55 - 6.6	2 Rad.	19.82	15.07	1.57	10.08	10.35	10.11
M10 x 1.5	AESM10H295ZYR	0.75 - 2.95	Blank	15.88	17.48	1.57	11.89	13.08	11.91
M10 x 1.5	AESM10H520ZYR	2.95 - 5.2	1 Rad.	18.24	17.48	1.57	11.89	13.08	11.91
M10 x 1.5	AESM10H750ZYR	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.
 (2) Other materials available. See page 35 for details. Cadmium finish available upon request.