

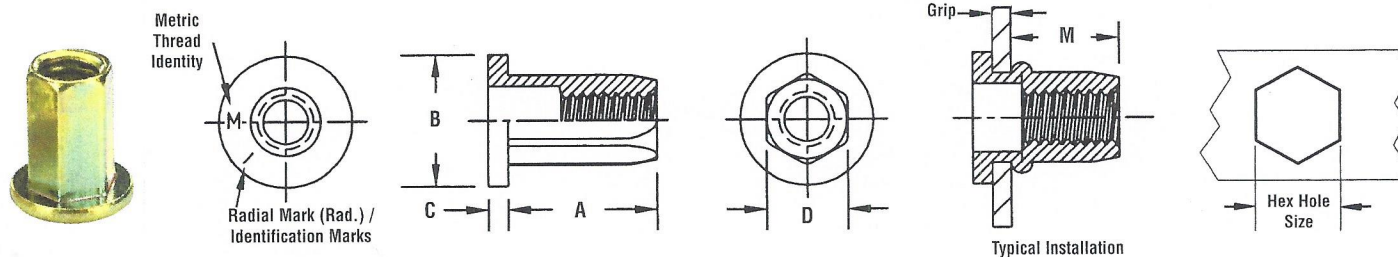


STANDARD FULL-HEX



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

Installed with a spin-pull or pull-to-pressure tool
(See tool selector guide on page 49)



All dimensions are in inches.

See page 54 for part number key.

Thread Size (1)	Part Number (2)	Grip Range (1)	Identification Mark	A $\pm .015$	B $\pm .015$	C Nom.	D Max.	M Ref.	Hex Hole Size In Sheet $+.005 - .000$	Weight lbs./1000
#10-32	AES10H85ZYR	.010 - .085	Blank	.344	.344	.043	.223	.200	.224	2.4
#10-32	AES10H135ZYR	.085 - .135	1 Rad.	.406	.344	.043	.223	.210	.224	2.64
#10-32	AES10H185ZYR	.135 - .185	2 Rad.	.453	.344	.043	.223	.210	.224	2.78
1/4-20	AES25H85ZYR	.020 - .085	Blank	.406	.437	.043	.296	.245	.297	4.71
1/4-20	AES25H145ZYR	.085 - .145	1 Rad.	.469	.437	.043	.296	.250	.297	5.11
1/4-20	AES25H205ZYR	.145 - .205	2 Rad.	.531	.437	.043	.296	.250	.297	5.5
5/16-18	AES31H105ZYR	.030 - .105	Blank	.562	.562	.048	.368	.375	.369	9.66
5/16-18	AES31H175ZYR	.105 - .175	1 Rad.	.640	.562	.048	.368	.380	.369	10.42
5/16-18	AES31H245ZYR	.175 - .245	2 rad.	.703	.562	.048	.368	.375	.369	11
3/8-16	AES37H115ZYR	.030 - .115	Blank	.625	.656	.058	.437	.400	.438	13.85
3/8-16	AES37H205ZYR	.115 - .205	1 Rad.	.718	.656	.058	.437	.405	.438	15
3/8-16	AES37H295ZYR	.205 - .295	2 Rad.	.812	.656	.058	.437	.410	.438	16.11

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 $+0.13$	Weight kg/1000
M5 x 0.8	AESM5H215ZYR	0.5 - 2.15	Blank	10.3	9.52	1.09	6.35	6.72	6.36	1.54
M5 x 0.8	AESM5H355ZYR	2.15 - 3.55	1 Rad.	11.9	9.52	1.09	6.35	6.72	6.36	1.66
M5 x 0.8	AESM5H505ZYR	3.55 - 5.05	2 Rad.	13.48	9.52	1.09	6.35	6.72	6.36	1.72
M6 x 1	AESM6H215ZYR	0.5 - 2.15	Blank	10.3	11.09	1.09	7.52	6.22	7.54	2.14
M6 x 1	AESM6H365ZYR	2.15 - 3.65	1 Rad.	11.9	11.09	1.09	7.52	6.22	7.54	2.47
M6 x 1	AESM6H520ZYR	3.65 - 5.2	2 Rad.	13.48	11.09	1.09	7.52	6.22	7.54	2.64
M8 x 1.25	AESM8H255ZYR	0.5 - 2.55	Blank	15.86	15.07	1.57	10.08	10.35	10.11	6.28
M8 x 1.25	AESM8H455ZYR	2.5 - 4.55	1 Rad.	17.84	15.07	1.57	10.08	10.35	10.11	6.79
M8 x 1.25	AESM8H660ZYR	4.55 - 6.6	2 Rad.	19.82	15.07	1.57	10.08	10.35	10.11	7.23
M10 x 1.5	AESM10H295ZYR	0.75 - 2.95	Blank	15.88	17.48	1.57	11.89	13.08	11.91	7.58
M10 x 1.5	AESM10H520ZYR	2.95 - 5.2	1 Rad.	18.24	17.48	1.57	11.89	13.08	11.91	8.22
M10 x 1.5	AESM10H750ZYR	5.2 - 7.5	2 Rad.	20.62	17.48	1.57	11.89	13.08	11.91	8.86

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

(2) Other materials available. See page 54 for details. Cadmium finish available upon request.

MATERIAL & FINISH SPECIFICATIONS

Type	Material	Threads	Standard Finish	Min. Tensile Strength (PSI Ult.)
AES	Low Carbon Steel	Unified, 2B per ASME B1.1 Metric, 6H per ASME B1.13M	RoHS Compliant Zinc Yellow	45,000

Note: See page 54 for part number key.