



Atlas Engineering

a PennEngineering® company

Bulletin **AEO**

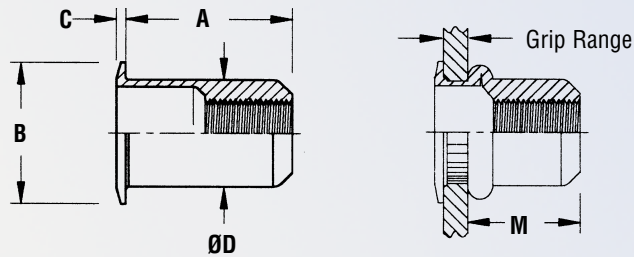
**SpinTite™ Thin-wall
Low-profile Head**



AEO

THIN-WALL LOW-PROFILE HEAD

- Features low-profile head design.
- Achieves near-flush installations with no need for countersink drilling or dimpling of the parent material.



All dimensions are in inches.

Thread Size ⁽¹⁾	Part Number	Grip Range ⁽¹⁾	A ±.015	B ±.015	C Nom.	ØD max.	M Ref.	Hole Size In Sheet +.006 -.000
#6-32	AEOS-632-80	.020 - .080	.385	.295	.018	.249	.315	.250
#8-32	AEOS-832-80	.020 - .080	.385	.295	.018	.249	.315	.250
#10-24	AEOS-1024-130	.020 - .130	.440	.320	.020	.280	.330	.281
#10-32	AEOS-1032-130	.020 - .130	.440	.320	.020	.280	.330	.281
1/4-20	AEOS-420-165	.030 - .165	.580	.425	.022	.374	.440	.375
1/4-28	AEOS-428-165	.030 - .165	.580	.425	.022	.374	.440	.375
5/16-18	AEOS-518-200	.040 - .200	.690	.560	.022	.499	.540	.500
5/16-24	AEOS-524-200	.040 - .200	.690	.560	.022	.499	.540	.500
3/8-16	AEOS-616-200	.040 - .200	.690	.560	.022	.499	.540	.500
3/8-24	AEOS-624-200	.040 - .200	.690	.560	.022	.499	.540	.500

All dimensions are in millimeters.

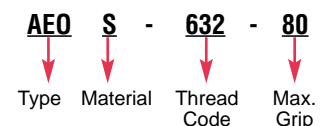
Thread Size x Pitch ⁽¹⁾	Part Number	Grip Range ⁽¹⁾	A ±0.38	B ±0.25	C Nom.	ØD max.	M Ref.	Hole Size In Sheet +0.15
M4 x 0.7	AEOS-470-2.0	0.5 - 2	9.78	7.49	0.46	6.32	8	6.4
M5 x 0.8	AEOS-580-3.3	0.5 - 3.3	11.18	8.13	0.51	7.11	8.38	7.2
M6 x 1	AEOS-610-4.2	0.76 - 4.2	14.73	10.8	0.56	9.5	11.18	9.6
M8 x 1.25	AEOS-8125-5.1	1.02 - 5.1	17.53	14.22	0.56	12.67	13.72	12.7
M10 x 1.5	AEOS-1015-5.1	1.02 - 5.1	17.53	14.22	0.56	12.67	13.72	12.7

(1) Additional thread sizes and grip ranges available.

MATERIAL & FINISH SPECIFICATIONS

Type	Material	Standard Finish
AEO	Steel, C-1008 or C-1010, or Equivalent	Zinc Plate per ASTM B 633, Fe/Zn 8, Type II

Part Number Designation



© 2000 Atlas Engineering. SpinTite is a brand name and trademark for products manufactured exclusively by Atlas Engineering.

Specifications subject to change without notice.

Atlas Engineering

a PennEngineering® company

1510 St. Clair Avenue • Kent, OH 44240 • Phone: 330-676-1006 • Fax: 330-676-0399
 Toll Free: 1-877-682-2505 • E-mail: atlas@atlas-eng.com • Web Site: www.atlas-eng.com

