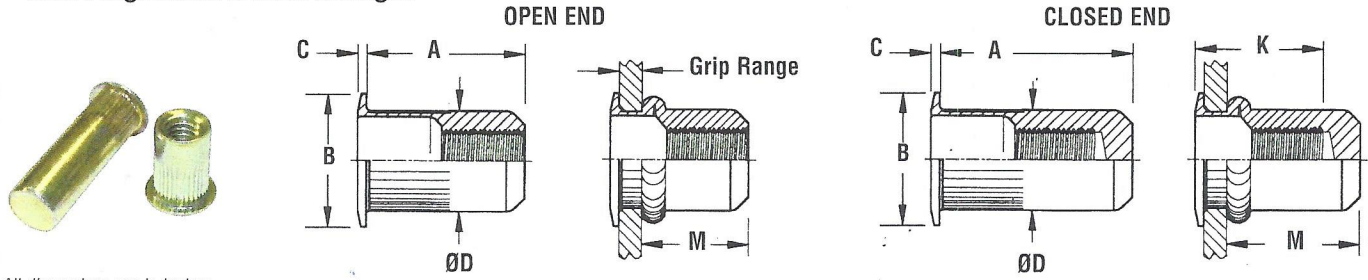




SpinTite® — LOW-PROFILE HEAD TYPE AEL



- Feature a large diameter, low-profile head and knurled shank.
- Offers highest all around strength.



All dimensions are in inches.

Thread Size (1)	Part Number (2)	Grip Range (1)	Open							Closed							Hole Size In Sheet +.006 - .000
			A ±.015	B ±.015	C Nom.	ØD Max.	M Ref.	Weight lbs./1000	A ±.015	B ±.015	C Nom.	ØD Max.	K Min.	M Ref.	Weight lbs./1000		
#6-32	AELS8-632-80	.020 - .080	.420	.390	.030	.265	.305	3.52	.740	.390	.030	.265	.43	.640	6.89	.266	
#6-32	AELS8-632-130	.080 - .130	.470	.390	.030	.265	.305	3.77	.740	.390	.030	.265	.43	.580	6.78	.266	
#8-32	AELS8-832-80	.020 - .080	.420	.390	.030	.265	.305	3.31	.740	.390	.030	.265	.43	.640	7.20	.266	
#8-32	AELS8-832-130	.080 - .130	.470	.390	.030	.265	.305	3.40	.740	.390	.030	.265	.43	.580	7.04	.266	
#10-32	AELS8-1032-130	.020 - .130	.475	.415	.030	.296	.315	4.62	.990	.415	.030	.296	.58	.845	11.63	.297	
#10-32	AELS8-1032-225	.130 - .225	.585	.415	.030	.296	.315	4.83	.990	.415	.030	.296	.58	.735	10.49	.297	
1/4-20	AELS8-420-165	.027 - .165	.580	.500	.030	.390	.380	9.26	1.190	.500	.030	.390	.70	1.005	29.30	.391	
1/4-20	AELS8-420-260	.165 - .260	.680	.500	.030	.390	.380	9.39	1.190	.500	.030	.390	.70	.905	21.53	.391	
5/16-18	AELS8-518-150	.027 - .150	.690	.685	.035	.530	.470	19.51	1.390	.685	.035	.530	.82	1.175	53.76	.531	
5/16-18	AELS8-518-312	.150 - .312	.805	.685	.035	.530	.425	19.80	1.390	.685	.035	.530	.82	1.025	53.25	.531	
3/8-16	AELS8-616-150	.027 - .150	.690	.685	.035	.530	.470	16.81	1.390	.685	.035	.530	.83	1.175	45.23	.531	
3/8-16	AELS8-616-312	.150 - .312	.805	.685	.035	.530	.425	17.36	1.390	.685	.035	.530	.83	1.025	44.92	.531	
1/2-13	AELS8-813-200	.063 - .200	1.150	.865	.047	.685	.850	48.02	1.960	.865	.047	.685	1.10	1.665	50.65	.688	
1/2-13	AELS8-813-350	.200 - .350	1.300	.865	.047	.685	.850	51.65	1.960	.865	.047	.685	1.10	1.515	54.40	.688	
1/2-13	AELS8-813-500	.350 - .500	1.450	.865	.047	.685	.850	54.60	1.960	.865	.047	.685	1.10	1.315	57.49	.688	

All dimensions are in millimeters.

Thread Size x Pitch (1)	Part Number (2)	Grip Range (1)	Open							Closed							Hole Size In Sheet +0.15
			A ±0.38	B ±0.38	C Nom.	ØD Max.	M Ref.	Weight kg/1000	A ±0.38	B ±0.38	C Nom.	ØD Max.	K Min.	M Ref.	Weight kg/1000		
M4 x 0.7	AELS8-470-2.0	0.5 - 2	10.67	9.91	0.76	6.73	7.75	1.73	18.8	9.91	0.76	6.73	11.6	16.26	3.37	6.75	
M4 x 0.7	AELS8-470-3.3	2 - 3.3	11.94	9.91	0.76	6.73	7.75	1.56	18.8	9.91	0.76	6.73	11.6	14.73	3.3	6.75	
M5 x 0.8	AELS8-580-3.3	0.5 - 3.3	12.07	10.54	0.76	7.52	8	2.19	25.15	10.54	0.76	7.52	15.6	21.46	5.38	7.6	
M5 x 0.8	AELS8-580-5.7	3.3 - 5.7	14.86	10.54	0.76	7.52	8	2.16	25.15	10.54	0.76	7.52	15.6	18.67	4.86	7.6	
M6 x 1	AELS8-610-4.2	0.7 - 4.2	14.73	12.7	0.76	9.91	9.65	3.97	30.23	12.7	0.76	9.91	17.5	25.53	11.3	10	
M6 x 1	AELS8-610-6.6	4.2 - 6.6	17.27	12.7	0.76	9.91	9.65	4.29	30.23	12.7	0.76	9.91	17.5	22.99	10.24	10	
M8 x 1.25	AELS8-8125-3.8	0.7 - 3.8	17.53	17.4	0.89	13.46	11.94	8.5	35.31	17.4	0.89	13.46	20.2	29.85	24.35	13.5	
M8 x 1.25	AELS8-8125-7.9	3.8 - 7.9	20.45	17.4	0.89	13.46	10.8	9.13	35.31	17.4	0.89	13.46	20.2	26.04	23.93	13.5	
M10 x 1.5	AELS8-1015-3.8	0.7 - 3.8	17.53	17.4	0.89	13.46	11.94	7.13	35.31	17.4	0.89	13.46	20.8	29.85	20.62	13.5	
M10 x 1.5	AELS8-1015-7.9	3.8 - 7.9	20.45	17.4	0.89	13.46	10.8	8.11	35.31	17.4	0.89	13.46	20.8	26.04	20.48	13.5	
M12 x 1.75	AELS8-112175-5.1	1.6 - 5.1	29.21	21.97	1.19	17.4	21.59	21.78	49.78	21.97	1.19	17.4	17.94	42.29	22.97	17.47	
M12 x 1.75	AELS8-12175-8.9	5.1 - 12.7	33.02	21.97	1.19	17.4	21.59	23.43	49.78	21.97	1.19	17.4	27.94	38.48	24.66	17.47	

(1) Additional grip ranges and fine thread sizes such as 10-24, 1/4-28 and 3/8-24 are available. Minimum order quantities may apply.

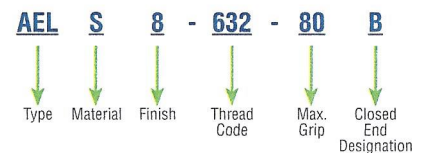
(2) For closed end, add a "B" to the end of the part number.

MATERIAL & FINISH SPECIFICATIONS

Type	Threads	Standard Material ⁽³⁾	Standard Finish
AEL / AEK	Unified, 2B per ASME B1.1 Metric, 6H per ASME B1.13M	Low Carbon Steel	RoHS Compliant Zinc Yellow Plus Lubricant

(3) Other materials available. See page 52 for details. Minimum quantities may apply.

Part Number Designation



SEE PAGE 52 FOR MORE DETAIL