



PennEngineering

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Part # AEKS8-832-80, Minimized-Profile Head Threaded Insert - Open End - Unified

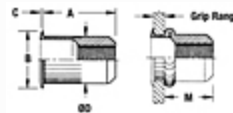
- Feature a minimized-profile head and knurled shank.
- Allows near-flush installations with no need for special hole preparations such as countersinking or dimpling.
- Additional thread sizes and grip ranges available.
- Also available in aluminum, brass, and monel ®. Call for availability.



Type	Threads	Standard Material	Standard Finish
AEK.S / NEN.S	Unified, 2B per ASME B1.1 Metric, 6H per ISO 9513	Low Carbon Steel	Rapid Compliance Zinc, Yellow Plus Lubricant
AEK.E / NEN.E	Unified, 2B per ASME B1.1 Metric, 6H per ASME B1.13M	Stainless Steel	Passivated and/or treated per ASTM A308
AEK.A / NEN.A	Unified, 2B per ASME B1.1 Metric, 6H per ASME B1.13M	Aluminum	No Finish
AEK.B / NEN.B	Unified, 2B per ASME B1.1 Metric, 6H per ASME B1.13M	Brass	No Finish

Specifications

Thread Size	#8-32
Grip Range	.020 - .080 in
B ± .015	.310 in
C Nom.	.019 in
øD Max.	.265 in
M Ref.	.305 in
Hole Size in Sheet + .006 - .000	.266 in
Fastening	Installed
Thread Specification	2B per ASME B1.1



Standard Material	Low Carbon Steel, C-1008 or, C-1010 or equivalent
Standard Finish	Zinc plated per ASTM B633, SC1 (5µm), Type II, yellow
CAD Supplier	PennEngineering® (Atlas®)