



PennEngineering

Corporate Headquarters – Danboro, PA

5190 Old Easton Rd.

Danboro, PA 18916

Phone: 215-766-8853

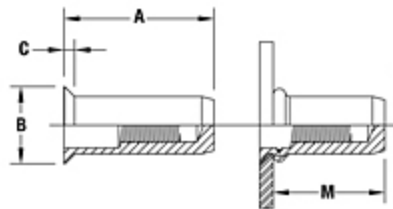
Toll-Free Phone: 1-800-237-4736 (U.S. only)

Email: info@pemnet.com

Website: www.pemnet.com

Countersunk Head Round Body Threaded Insert - Closed End - Metric

- Countersunk head allows insert to be installed flush with sheet surface.
- Standard material: Low Carbon Steel.
- Materials available on special order: 300 Series Stainless Steel, Alloy No. 260 Brass, 6053-T4 or 6061-T4 Aluminum.



1 **2**

Part #	Thread Size x Pitch	Grip Range	A ± 0.25	M Ref.	Hole Size in Sheet + 0.1	Fastening	Standard Finish	CAD
AECRS-M3-3.5BZI	M3 x 0.5	1.70 - 3.50 mm	15.60 mm	N/A	5 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M3-3.5BZI	M3 x 0.5	1.70 - 3.50 mm	N/A	10.35 mm	5 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M4-3.5BZI	M4 x 0.7	1.70 - 3.50 mm	17.60 mm	N/A	6 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M4-3.5BZI	M4 x 0.7	1.70 - 3.50 mm	N/A	12.00 mm	6 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	

Part #	Thread Size x Pitch	Grip Range	A ± 0.25	M Ref.	Hole Size in Sheet + 0.1	Fastening	Standard Finish	CAD
AECRS-M5-4.0BZI	M5 x 0.8	1.70 - 4.00 mm	19.00 mm	N/A	7.00 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M5-4.0BZI	M5 x 0.8	1.70 - 4.00 mm	N/A	12.55 mm	7.00 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M5-6.5BZI	M5 x 0.8	4.00 - 6.50 mm	21.50 mm	N/A	7.00 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M5-6.5BZI	M5 x 0.8	4.00 - 6.50 mm	N/A	12.55 mm	7.00 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M6-4.5BZI	M6 x 1	1.70 - 4.50 mm	23.90 mm	N/A	9.00 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M6-4.5BZI	M6 x 1	1.70 - 4.50 mm	N/A	16.25 mm	9.00 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M6-6.5BZI	M6 x 1	4.50 - 6.50 mm	25.90 mm	N/A	9.00 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M6-6.5BZI	M6 x 1	4.50 - 6.50 mm	N/A	16.25 mm	9.00 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M8-4.5BZI	M8 x 1.25	1.70 - 4.50 mm	26.30 mm	N/A	11.00 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M8-4.5BZI	M8 x 1.25	1.70 - 4.50 mm	N/A	17.95 mm	11.00 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M8-6.5BZI	M8 x 1.25	4.50 - 6.50 mm	28.30 mm	N/A	11.00 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M8-6.5BZI	M8 x 1.25	4.50 - 6.50 mm	N/A	17.95 mm	11.00 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M10-4.5BZI	M10 x 1.5	1.70 - 4.50 mm	32.40 mm	N/A	13.00 mm	Uninstalled	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	

Part #	Thread Size x Pitch	Grip Range	A ± 0.25	M Ref.	Hole Size in Sheet + 0.1	Fastening	Standard Finish	CAD
AECRS-M10-4.5BZI	M10 x 1.5	1.70 - 4.50 mm	N/A	23.35 mm	13.00 mm	Installed	RoHS Compliant Zinc Clear per ASTM B 633, Fe/Zn 8, Type V	
AECRS-M3-3.5BZN	M3 x 0.5	1.70 - 3.50 mm	15.60 mm	N/A	5 mm	Uninstalled	Zinc Nickel	
AECRS-M3-3.5BZN	M3 x 0.5	1.70 - 3.50 mm	N/A	10.35 mm	5 mm	Installed	Zinc Nickel	
AECRS-M4-3.5BZN	M4 x 0.7	1.70 - 3.50 mm	17.60 mm	N/A	6 mm	Uninstalled	Zinc Nickel	
AECRS-M4-3.5BZN	M4 x 0.7	1.70 - 3.50 mm	N/A	12.00 mm	6 mm	Installed	Zinc Nickel	
AECRS-M5-4.0BZN	M5 x 0.8	1.70 - 4.00 mm	19.00 mm	N/A	7.00 mm	Uninstalled	Zinc Nickel	
AECRS-M5-4.0BZN	M5 x 0.8	1.70 - 4.00 mm	N/A	12.55 mm	7.00 mm	Installed	Zinc Nickel	
AECRS-M5-6.5BZN	M5 x 0.8	4.00 - 6.50 mm	21.50 mm	N/A	7.00 mm	Uninstalled	Zinc Nickel	