



PennEngineering

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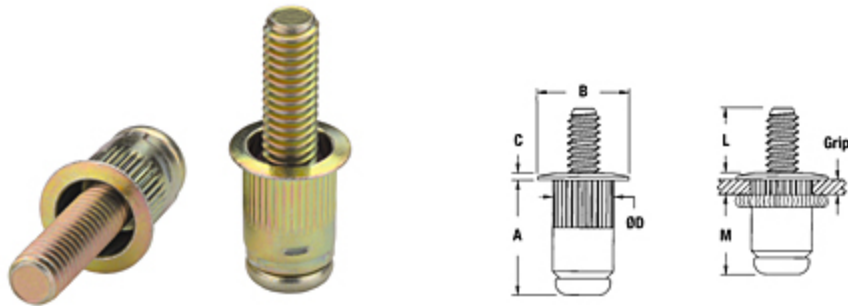
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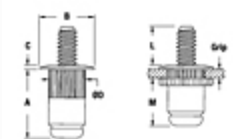
Part # AE580-3.3-20.0, Blind Threaded Studs - Metric

- Provides strong external threads in blind applications.
- Easy to install using spin/spin tooling.
- The standard is assembled with an AEL insert but can also be assembled with an AEK or an AEH insert.
- Other materials available.



Specifications

Thread Size x Pitch	M5 x 0.8
Grip Code	3.30
Grip Range	0.50 - 3.30 mm
A ± 0.51	13.85 mm 10.54 mm
B ± 0.38	
C Nom.	0.76 mm
ØD Max.	7.52 mm
Stud Length L Nom. (at Max. Grip)¹	20 mm
Hole Size In Sheet + 0.15	7.60 mm
Fastening	Uninstalled



Thread Specification	6g per ASME B1.13M
Standard Material	Insert - Low treated Carbon Steel, carbon steel Stud - Heat-
Standard Finish	RoHS Compliant Zinc Yellow
CAD Supplier	PennEngineering® (Atlas®)

¹ The “L” dimension is the height of the installed stud at max grip. The height of the stud will increase if it is installed into thinner material. To calculate “actual L” use this formula: max grip - actual grip + L = “actual L”