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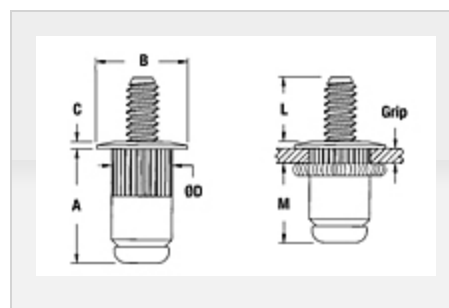
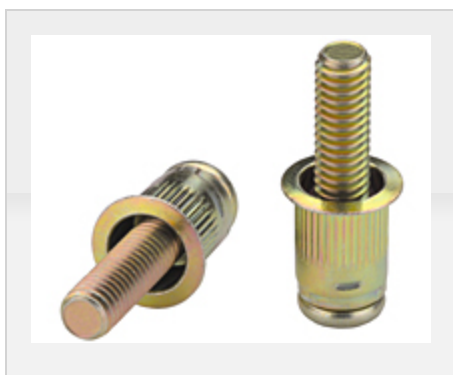
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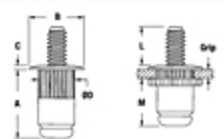
Part # AE55-420-165-625, Blind Threaded Studs - Unified

- 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	1/4-20
Grip Code	165
Grip Range	.027 - .165 in
A ± .020	.670 in
B ± .015	.500 in
C Nom.	.030 in
ØD Max.	.390 in



Stud Length L Nom. (at Max. Grip)¹	.625 in
Hole Size in Sheet + .006 - .000	.391 in
Fastening	Uninstalled
Thread Specification	2A per ASME B1.1
Standard Material	Insert - Low Carbon Steel, Stud - Heat-treated carbon steel
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”