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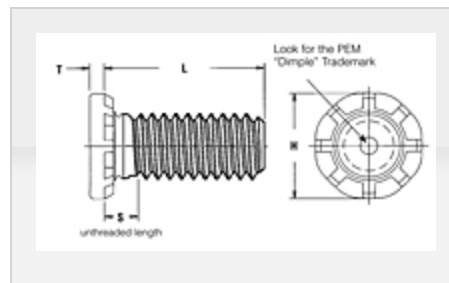
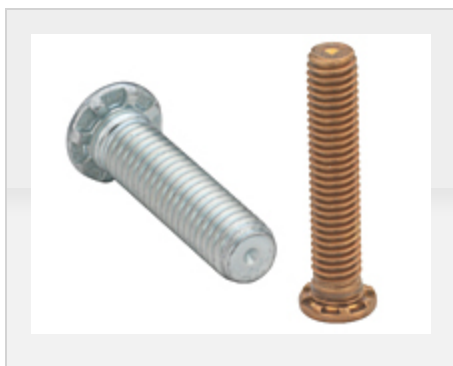
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Part # HFHS-M6-20, High-Strength Studs - Type HFH/HFHS/HFHB - Metric

PEM® self-clinching studs are installed by placing them in properly sized holes in the sheets and squeezing into place with any standard press. The squeezing action embeds the head of the stud into the sheet. The metal displaced by the head flows smoothly and evenly around the ribs and into the annular groove - creating a flushhead assembly and securely locking the stud into the sheet with high torque-out and pushout resistances.

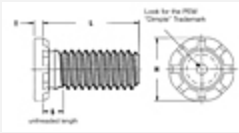
HFH (heavy-duty) Studs replace weld studs with easier installation

[+ more](#)



Specifications

Thread Size x Pitch	M6 x 1
Thread Code	M6
Length Code	20
Material Code	S
Min. Sheet Thickness	1.5 mm
Hole Size in Sheet + 0.13	6 mm
Max. Hole in Attached Parts	7.50 mm

L - Length ± 0.4	20 mm	
H ± 0.25	9.40 mm	
S Max.¹	2.8 mm	
T Max.	1.27 mm	
Min. Dist. Hole C/L to Edge	11.5 mm	
Thread Strength	515 MPa	
For Use in Sheet Hardness	HRB 70 / HB 125 or Less	
Thread Specification	External, ASME B1.13M, 6g	
Fastener Material	300 Series Stainless Steel	
Standard Finish	Passivated and/or tested per ASTM A380	
CAD Supplier	PennEngineering® (PEM®)	

¹ Threads are gageable to within 2 pitches of the "S" Max. dimension. A class 3B/5H maximum material commercial nut shall pass up to the "S" Max. dimension.