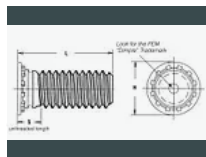




Zinc Plated Steel



FH-M3-6ZI

Self-Clinching Threaded Studs – Type FH/FHS/FHA

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.

FH (flush-head) studs are available in aluminum, steel, or stainless steel. They are also available unthreaded on special order. – Flush-head in designated minimum sheet thickness or greater.

- Type FH is recommended for use in steel or aluminum sheets HRB (Rockwell “B” scale) 80 or less and HB (Hardness Brinell) 150 or less.

SPECIFICATIONS

THREAD CODE	M3	H ± 0.4_MM	4.6mm
THREAD SIZE X PITCH	M3 x 0.5	HOLE SIZE IN SHEET + 0.08_MM	3mm
FASTENER MATERIAL	Heat-Treated Carbon Steel	L ± 0.4_MM	6mm
STANDARD FINISH	SC1 (5µm), Zinc plated per ASTM B633	MAX. HOLE IN ATTACHED PARTS_MM	3.6mm
FOR USE IN SHEET HARDNESS	HRB 80 / HB 150 or less	MIN. SHEET THICKNESS_MM	1mm

LENGTH CODE

6

S MAX._MM

2.1mm

PRODUCT CATEGORY

Self-Clinching Threaded Studs -
Type FH/FHS/FHA

PEM PRODUCT FAMILY

FH

UNIT (METRIC/UNIFIED)

Metric

