

Hardened Press-in Insert (HPI)

This insert is made of carbon steel and case hardened, for use in cast light alloys, the installation needs only simple squeeze.

METRIC THREAD-6H Tolerance, **UNITED THREAD**-2B Tolerance /unit:mm

Thread Size			Insert Length	Insert	Pilot	Rec. Hole Size	Min. Wall Thickness
UNC	UNF	Metric	L	D	P	d	W
4-40	4-48	M2.5	4.5	5.3	4.8	4.85	See Note 1
-	-	M3	4.5	5.3	4.8	4.85	
6-32	6-40	M3.5	5.6	6.2	5.5	5.60	
8-32	8-36	M4	6.9	7.7	7.1	7.20	
10-24	10-32	M5	6.9	7.7	7.1	7.20	
1/4-20	1/4-28	M6	9.5	10.3	9.5	9.60	

Note 1: The minimum wall thickness will vary with the ductility of the diecasting alloy, but as a general guide wall thickness should not be less than half of the hole size

Material: Carbon Steel 1215, Case-Hardened, Zinc Plated, Class 3 Chromate, Blue
Carbon Steel 1215, Case-Hardened, Zinc Plated, Class 3 Chromate, Yellow

Part No.: Model Code_Internal Thread Siz_D*L_Material
HPI_M3*0.5_φ5.3*L4.5_1215B



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