

Hammer Drive Pins are cold-formed pins with helical knurls and are used to replace screws where the need to remove the pin is unlikely.



They are designed for standard metric hole sizes and installation is by hammer or press.

Hammer Drive Pins are made in low carbon steel and as the knurl has to cut its way into the walls of the hole, they are designed for use with unhardened materials such as mild steel, aluminium, brass and plastics.

We offer a flat headed type (Series HP 210) which is more easily adapted to automated assembly systems, and a round headed type (Series HP 110).

Features

Simple, low cost assembly

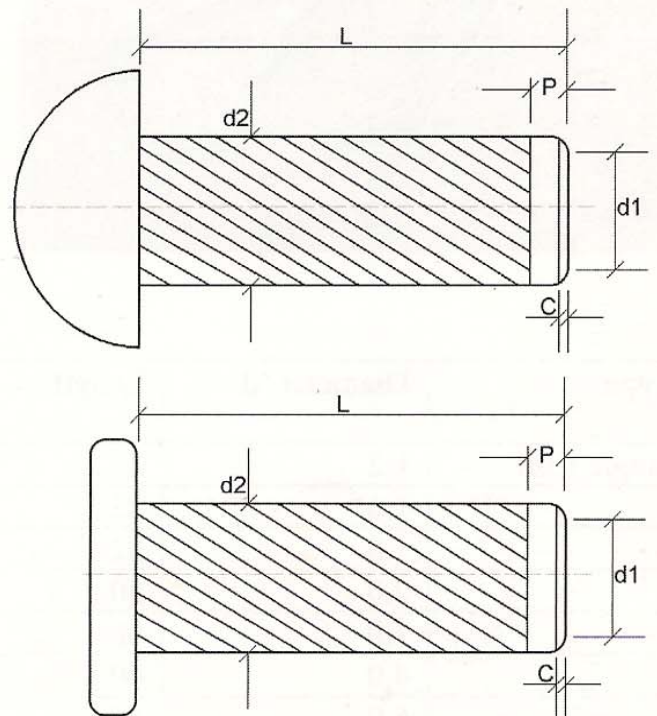
Secure - unlike a machine screw, a Hammer Drive Pin does not depend on tightening torque to be retained in the assembly

Hammer Drive Pins do not require lock washers to prevent back-out.

To Specify

State the relevance series number, stud size and length

e.g. Series HP 210 4 x 12



Stud Size		1.4	1.6	2	2.5	3	4	5	6
Hammer Drive Pin									
Diameter 'd1'	Min	1.35	1.55	1.95	2.45	2.95	3.95	4.95	5.95
	Max	1.4	1.6	2	2.5	3	4	5	6
Diameter 'd2'	Min	1.53	1.73	2.2	2.7	3.25	4.25	5.25	6.25
	Max	1.63	1.83	2.3	2.8	3.35	4.35	5.35	6.35
Head Diameter	Min	2.2	2.6	3.3	4.2	4.95	6.75	8.5	10.2
	Max	2.6	3.0	3.7	4.6	5.45	7.25	9.1	10.8
Round Head Thickness	Min	0.70	0.90	1.10	1.40	1.65	2.25	2.85	3.45
	Max	0.90	1.10	1.30	1.60	1.95	2.55	3.15	3.75
Flat Head Thickness	Min	0.35	0.45	0.55	0.7	0.9	1.2	1.5	1.9
	Max	0.55	0.65	0.75	0.9	1.2	1.5	1.8	2.2
Chamfer 'C'	Min	0.15	0.15	0.15	0.15	0.15	0.4	0.4	0.4
Pilot Length 'P'	Ref	1	1	1	1	1	2	2	2
Recommended Hole Diameter	Min	1.4	1.6	2.0	2.5	3.0	4.0	5.0	6.0
	Max	1.46	1.66	2.06	2.56	3.06	4.08	5.08	6.08
Recommended Drill Size		1.4	1.6	2.0	2.5	3.0	4.0	5.0	6.0

Lengths									
5									
6									
8									
10									
12									
16									
20									
Length Tolerances	± 0.25 mm								

