

MBA

2023.1

Hammer Drive Pins

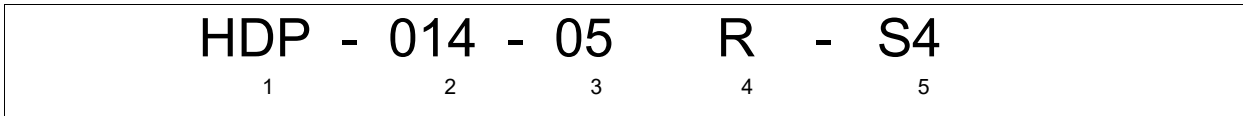
Flat Head Zinc Plated or Round Head 304 Grade Stainless Steel



Hammer drive pins are a self-coloured cold formed pin made from low carbon steel or 304 grade stainless steel. Used to replace screws where the need to remove the pin is unlikely. They are designed for use in mild steel, aluminium, brass or plastics. The hole should be drilled between the recommended minimum and maximum hole diameters shown in the selection tables. They are good for quantity production runs where a quick permanent join is required.

To find and order parts online, simply enter the part number from this catalogue into the search box on any web page.

Part Number Designations



1 **HDP: Designates Hammer Drive Pin**

4 **Head Style:**
F: Flat Head
R: Round Head

2 **Nominal Hole Size Code:**
Nominal Hole Size in mm using 3 digits with no decimal point

ie: 014 = 1.4mm

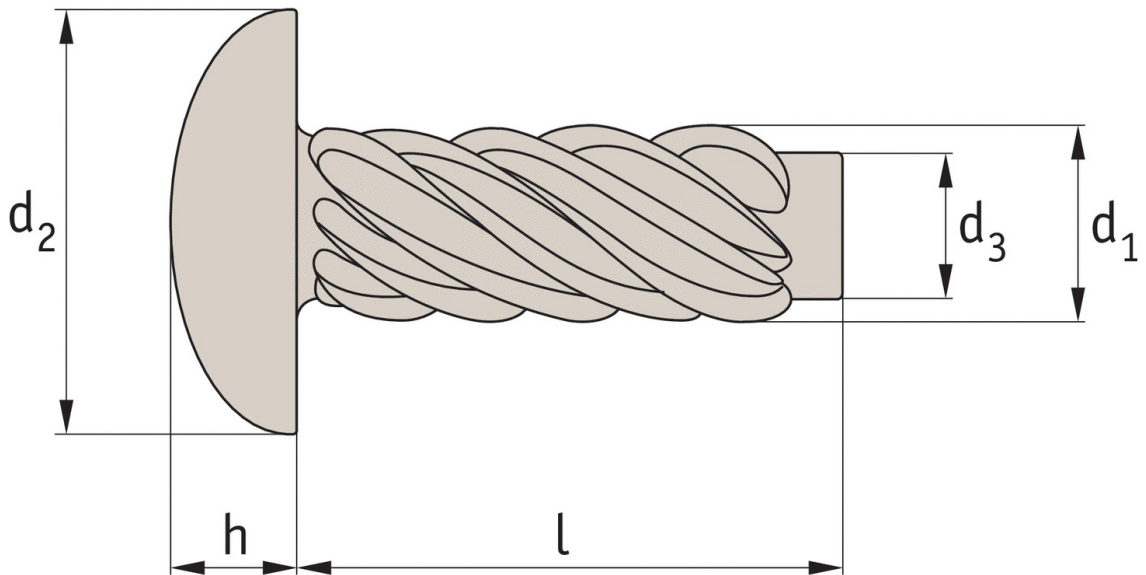
5 **Material:**
Blank: Low Carbon Steel
S4: Stainless Steel Grade 304

3 **Nominal Length Code:**
Nominal Length in mm using 2 digits



ie: 05 = Approx 5mm long, 10 = approx 10mm long



Diagram of round head type

Flat head type uses the same basic size reference points







Approx. Length mm (in.)	Max Hole Dia. mm (in.)	Type	Part Number
Min Hole Dia. mm (in.): 1.24 (0.05")			
3.2 (0.13")	1.32 (0.05")	Round Head Stainless Steel Approx Pin Diameter (d1): 1.52, Max Head Diameter (d2): 2.51, Max Head Thickness (h): 0.86	HDP012-03R-S4
4.8 (0.19")	1.32 (0.05")	Round Head Stainless Steel Approx Pin Diameter (d1): 1.52, Max Head Diameter (d2): 2.51, Max Head Thickness (h): 0.86	HDP012-05R-S4
Min Hole Dia mm (in.): 1.40 (0.06")			
5.0 (0.20")	1.46 (0.06")	Flat Head Zinc Plated Approx Pin Diameter (d2): 1.63, Max Head Diameter (d3): 2.60, Max Head Thickness (T): 0.55	HDP014-05F
6.0 (0.24")	1.46 (0.06")	Flat Head Zinc Plated Approx Pin Diameter (d2): 1.63, Max Head Diameter (d3): 2.60, Max Head Thickness (T): 0.55	HDP014-06F
8.0 (0.31")	1.46 (0.06")	Flat Head Zinc Plated Approx Pin Diameter (d2): 1.63, Max Head Diameter (d3): 2.60, Max Head Thickness (T): 0.55	HDP014-08F
Min Hole Dia. mm (in.): 1.52 (0.06")			
6.3 (0.25")	1.60 (0.06")	Round Head Stainless Steel Approx Pin Diameter (d1): 1.70, Max Head Diameter (d2): 2.51, Max Head Thickness (h): 0.86	HDP015-06R-S4
9.5 (0.37")	1.60 (0.06")	Round Head Stainless Steel Approx Pin Diameter (d1): 1.70, Max Head Diameter (d2): 2.51, Max Head Thickness (h): 0.86	HDP015-09R-S4
Min Hole Dia mm (in.): 1.60 (0.06")			
5.0 (0.20")	1.66 (0.07")	Flat Head Zinc Plated Approx Pin Diameter (d2): 1.83, Max Head Diameter (d3): 3.00, Max Head Thickness (T): 0.65	HDP016-05F
6.0 (0.24")	1.66 (0.07")	Flat Head Zinc Plated Approx Pin Diameter (d2): 1.83, Max Head Diameter (d3): 3.00, Max Head Thickness (T): 0.65	HDP016-06F
8.0 (0.31")	1.66 (0.07")	Flat Head Zinc Plated Approx Pin Diameter (d2): 1.83, Max Head Diameter (d3): 3.00, Max Head Thickness (T): 0.65	HDP016-08F
Min Hole Dia mm (in.): 2.00 (0.08")			
6.0 (0.24")	2.06 (0.08")	Flat Head Zinc Plated Approx Pin Diameter (d2): 2.30, Max Head Diameter (d3): 3.70, Max Head Thickness (T): 0.75	HDP020-06F
8.0 (0.31")	2.06 (0.08")	Flat Head Zinc Plated Approx Pin Diameter (d2): 2.30, Max Head Diameter (d3): 3.70, Max Head Thickness (T): 0.75	HDP020-08F
10.0 (0.39")	2.06 (0.08")	Flat Head Zinc Plated Approx Pin Diameter (d2): 2.30, Max Head Diameter (d3): 3.70, Max Head Thickness (T): 0.75	HDP020-10F
Min Hole Dia. mm (in.): 2.10 (0.08")			
3.2 (0.13")	2.18 (0.09")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.54, Max Head Diameter (d2): 4.10, Max Head Thickness (h): 1.75	HDP021-03R-S4
4.8 (0.19")	2.18 (0.09")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.54, Max Head Diameter (d2): 4.10, Max Head Thickness (h): 1.75	HDP021-05R-S4
6.3 (0.25")	2.18 (0.09")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.54, Max Head Diameter (d2): 4.10, Max Head Thickness (h): 1.75	HDP021-06R-S4
7.9 (0.31")	2.18 (0.09")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.54, Max Head Diameter (d2): 4.10, Max Head Thickness (h): 1.75	HDP021-08R-S4
Min Hole Dia. mm (in.): 2.44 (0.10")			
4.8 (0.19")	2.64 (0.10")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.95, Max Head Diameter (d2): 5.36, Max Head Thickness (h): 2.18	HDP024-05R-S4
6.3 (0.25")	2.64 (0.10")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.95, Max Head Diameter (d2): 5.36, Max Head Thickness (h): 2.18	HDP024-06R-S4
7.9 (0.31")	2.64 (0.10")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.95, Max Head Diameter (d2): 5.36, Max Head Thickness (h): 2.18	HDP024-08R-S4
9.5 (0.37")	2.64 (0.10")	Round Head Stainless Steel Approx Pin Diameter (d1): 2.95, Max Head Diameter (d2): 5.36, Max Head Thickness (h): 2.18	HDP024-09R-S4
Min Hole Dia mm (in.): 2.50 (0.10")			
6.0 (0.24")	2.56 (0.10")	Flat Head Zinc Plated Approx Pin Diameter (d2): 2.80, Max Head Diameter (d3): 4.60, Max Head Thickness (T): 0.90	HDP025-06F
8.0 (0.31")	2.56 (0.10")	Flat Head Zinc Plated Approx Pin Diameter (d2): 2.80, Max Head Diameter (d3): 4.60, Max Head Thickness (T): 0.90	HDP025-08F
10.0 (0.39")	2.56 (0.10")	Flat Head Zinc Plated Approx Pin Diameter (d2): 2.80, Max Head Diameter (d3): 4.60, Max Head Thickness (T): 0.90	HDP025-10F
Min Hole Dia. mm (in.): 2.95 (0.12")			
6.3 (0.25")	3.05 (0.12")	Round Head Stainless Steel Approx Pin Diameter (d1): 3.56, Max Head Diameter (d2): 6.60, Max Head Thickness (h): 2.62	HDP029-06R-S4

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

Approx. Length mm (in.)	Max Hole Dia. mm (in.)	Type	Part Number
7.9 (0.31")	3.05 (0.12")	Round Head Stainless Steel Approx Pin Diameter (d1): 3.56, Max Head Diameter (d2): 6.60, Max Head Thickness (h): 2.62	HDP029-08R-S4
9.5 (0.37")	3.05 (0.12")	Round Head Stainless Steel Approx Pin Diameter (d1): 3.56, Max Head Diameter (d2): 6.60, Max Head Thickness (h): 2.62	HDP029-09R-S4
12.7 (0.50")	3.05 (0.12")	Round Head Stainless Steel Approx Pin Diameter (d1): 3.56, Max Head Diameter (d2): 6.60, Max Head Thickness (h): 2.62	HDP029-13R-S4
Min Hole Dia mm (in.): 3.00 (0.12")			
8.0 (0.31")	3.06 (0.12")	Flat Head Zinc Plated Approx Pin Diameter (d2): 3.35, Max Head Diameter (d3): 5.45, Max Head Thickness (T): 1.20	HDP030-08F
10.0 (0.39")	3.06 (0.12")	Flat Head Zinc Plated Approx Pin Diameter (d2): 3.35, Max Head Diameter (d3): 5.45, Max Head Thickness (T): 1.20	HDP030-10F
12.0 (0.47")	3.06 (0.12")	Flat Head Zinc Plated Approx Pin Diameter (d2): 3.35, Max Head Diameter (d3): 5.45, Max Head Thickness (T): 1.20	HDP030-12F
Min Hole Dia. mm (in.): 3.45 (0.14")			
9.5 (0.37")	3.65 (0.14")	Round Head Stainless Steel Approx Pin Diameter (d1): 4.24, Max Head Diameter (d2): 7.85, Max Head Thickness (h): 3.05	HDP034-09R-S4
12.7 (0.50")	3.65 (0.14")	Round Head Stainless Steel Approx Pin Diameter (d1): 4.24, Max Head Diameter (d2): 7.85, Max Head Thickness (h): 3.05	HDP034-13R-S4
Min Hole Dia. mm (in.): 3.80 (0.15")			
9.5 (0.37")	4.09 (0.16")	Round Head Stainless Steel Approx Pin Diameter (d1): 4.62, Max Head Diameter (d2): 9.11, Max Head Thickness (h): 3.48	HDP038-09R-S4
12.7 (0.50")	4.09 (0.16")	Round Head Stainless Steel Approx Pin Diameter (d1): 4.62, Max Head Diameter (d2): 9.11, Max Head Thickness (h): 3.48	HDP038-13R-S4
Min Hole Dia mm (in.): 4.00 (0.16")			
10.0 (0.39")	4.08 (0.16")	Flat Head Zinc Plated Approx Pin Diameter (d2): 4.35, Max Head Diameter (d3): 7.25, Max Head Thickness (T): 1.50	HDP040-10F
12.0 (0.47")	4.08 (0.16")	Flat Head Zinc Plated Approx Pin Diameter (d2): 4.35, Max Head Diameter (d3): 7.25, Max Head Thickness (T): 1.50	HDP040-12F
16.0 (0.63")	4.08 (0.16")	Flat Head Zinc Plated Approx Pin Diameter (d2): 4.35, Max Head Diameter (d3): 7.25, Max Head Thickness (T): 1.50	HDP040-16F
Min Hole Dia mm (in.): 5.00 (0.20")			
12.0 (0.47")	5.08 (0.20")	Flat Head Zinc Plated Approx Pin Diameter (d2): 5.35, Max Head Diameter (d3): 9.10, Max Head Thickness (T): 1.80	HDP050-12F
16.0 (0.63")	5.08 (0.20")	Flat Head Zinc Plated Approx Pin Diameter (d2): 5.35, Max Head Diameter (d3): 9.10, Max Head Thickness (T): 1.80	HDP050-16F
20.0 (0.79")	5.08 (0.20")	Flat Head Zinc Plated Approx Pin Diameter (d2): 5.35, Max Head Diameter (d3): 9.10, Max Head Thickness (T): 1.80	HDP050-20F
Min Hole Dia mm (in.): 6.00 (0.24")			
16.0 (0.63")	6.08 (0.24")	Flat Head Zinc Plated Approx Pin Diameter (d2): 6.35, Max Head Diameter (d3): 10.80, Max Head Thickness (T): 2.20	HDP060-16F
20.0 (0.79")	6.08 (0.24")	Flat Head Zinc Plated Approx Pin Diameter (d2): 6.35, Max Head Diameter (d3): 10.80, Max Head Thickness (T): 2.20	HDP060-20F

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 Not in current production

NOTES



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