

# MBA

# 2022.1

## Hammer Drive Pins

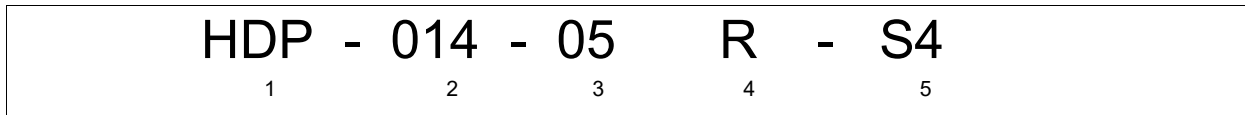
Flat Head Zinc Plated or Round Head 304 Grade Stainless Steel



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

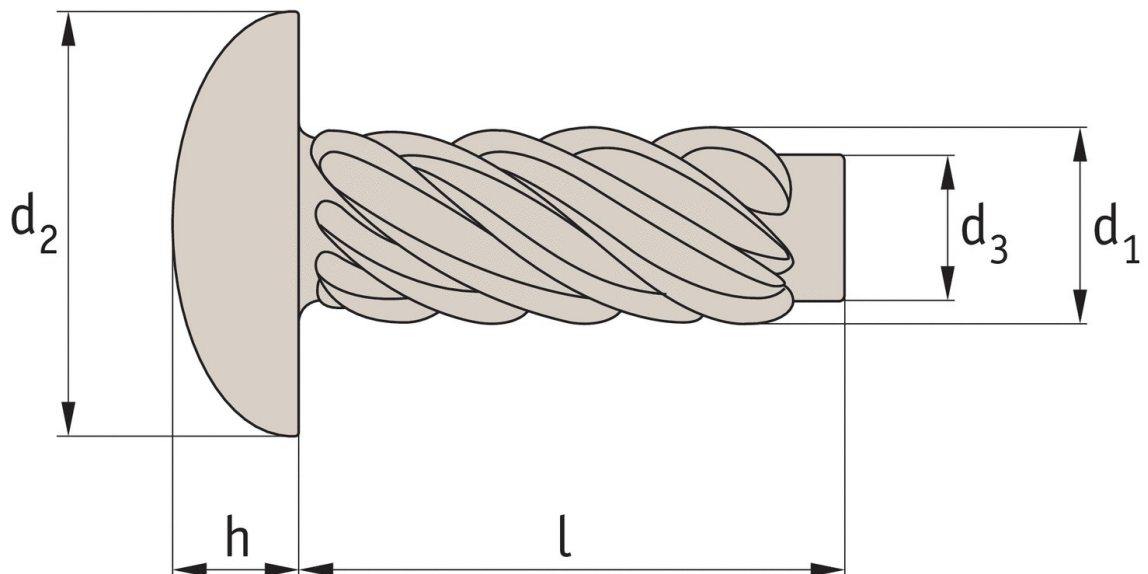
3 **Nominal Length Code:**

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



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

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	<b>HDP029-08R-S4</b>
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	<b>HDP029-09R-S4</b>
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	<b>HDP029-13R-S4</b>
<b>Min Hole Dia mm (in.): 3.00 (0.12")</b>			
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	<b>HDP030-08F</b>
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	<b>HDP030-10F</b>
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	<b>HDP030-12F</b>
<b>Min Hole Dia. mm (in.): 3.45 (0.14")</b>			
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	<b>HDP034-09R-S4</b>
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	<b>HDP034-13R-S4</b>
<b>Min Hole Dia. mm (in.): 3.80 (0.15")</b>			
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	<b>HDP038-09R-S4</b>
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	<b>HDP038-13R-S4</b>
<b>Min Hole Dia mm (in.): 4.00 (0.16")</b>			
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	<b>HDP040-10F</b>
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	<b>HDP040-12F</b>
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	<b>HDP040-16F</b>
<b>Min Hole Dia mm (in.): 5.00 (0.20")</b>			
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	<b>HDP050-12F</b>
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	<b>HDP050-16F</b>
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	<b>HDP050-20F</b>
<b>Min Hole Dia mm (in.): 6.00 (0.24")</b>			
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	<b>HDP060-16F</b>
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	<b>HDP060-20F</b>



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# NOTES



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# Hammer Drive Pins