

# Clevis Pins

A secure fastening pin that allows the rotation of connected parts around the axis

## Standard Clevis Pin

A clevis pin provides a cost-effective fastening solution which allows the supported objects to rotate about the clevis pin axis.

They are commonly used as a secure, fast replacement to bolts or rivets. Technifast clevis pins are supplied to ISO 2341B (DIN 1444) with a cross-drilled hole for r-clips or cotter pins, which when inserted, keep the clevis pin in place.

We also stock a range of clevis pins with grooves for circlips to DIN 471. We produce clevis pins in a variety of materials included mild steel (zinc plated), stainless steel A2 and stainless steel A4.

## Bespoke Manufactured Clevis Pins

We are also a UK manufacturer of custom-made and non-standard clevis pins, which can be made to customer specifications or drawing.

We can produce clevis pins with a head diameter of up to 32mm, and adapt the hole size and grip length to suit customer requirements. Our manufactured clevis pins are all turned, rather than cold headed, to provide a more superior finish.

## Grip Lengths Of Clevis Pins

Pin Dimeter ISO 2341 B	Figure To Subtract From Nominal Length
3mm	2.4mm
4mm	2.7mm
5mm	3.5mm
6mm	4.0mm
8mm	4.5mm
10mm	5.1mm
12mm	6.7mm
14mm	8.0mm
16mm	8.0mm
18mm	9.5mm
20mm	10.5mm
22mm	10.5mm

To calculate the grip length on the shaft of a clevis pin, simply subtract the number from the length you are looking to order. EG: 10 x 50mm clevis pin would have a grip length of 50mm - 5.1mm, giving the grip length to be 44.9mm.



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**TECHNIFAST**

North Folds Road  
Oakley Hay Industrial Estate  
Corby, Northants, NN18 9AT

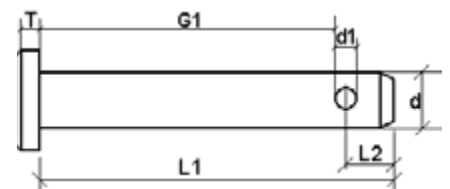
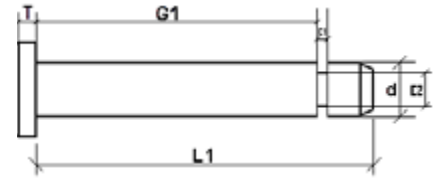
+44 (0) 1536 461140  
sales@technifast.co.uk  
www.technifast.co.uk



# Clevis Pins:

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Nominal Dia 'd'	5mm	6mm	8mm	10mm	12mm	14mm
Diameter Tolerance	h11					
Head Diameter 'H'	8mm	10mm	14mm	18mm	20mm	22mm
Hole Diameter 'd1'	1.6mm	1.6mm	2.0mm	3.2mm	3.2mm	4.0mm
Head Thickness 'T'	1.6mm	2.0mm	3.0mm	4.0mm	4.0mm	4.0mm
Circlip Groove 'C1'	0.7mm	0.8mm	0.9mm	1.1mm	1.1mm	1.1mm
Circlip Groove 'C2'	4.8mm	5.7mm	7.6mm	9.6mm	11.5mm	13.4mm
Length 'L2' Min	2.9mm	3.2mm	3.5mm	4.5mm	5.5mm	6.0mm
Length 'G1'	L1 - L2 - 1/2 d1					
Length 'L1' (below)						
10mm						
12mm						
14mm						
16mm						
18mm						
20mm						
22mm						
24mm						
26mm						
28mm						
30mm						
32mm						
35mm						
40mm						
45mm						
50mm						
55mm						
60mm						
65mm						
70mm						
75mm						
80mm						
85mm						
90mm						
95mm						
100mm						
120mm						
140mm						
Length Tolerances	Up to 10mm long ± 0.25		12-50mm long ± 0.5		Over 50mm long ± 0.75	



## Standards:

- ISO 2341A - headed / no hole
- ISO 2341B - headed / with hole
- ISO 2340A - headless / no hole
- ISO 2340B - headless / cross drilled hole at each end
- DIN 1443 - as per ISO 2340
- DIN 1444 - as per ISO 2341

## Materials:

- Mild steel, zinc plated
- Stainless Steel A2
- Stainless Steel A4



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