

## FEATURES

- Steel dowel pins in various sizes
- To bs / iso 8734 limits. Type b
- Metric system of measurement
- Machined to a high tolerance
- Accurate locating and alignment

## 3mm Diameter Plain Steel Parallel Dowel Pin 20mm

RS Stock No.: 270-568



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

RS PRO range of dowel pins made from steel and are available in various sizes. Dowel pins are small and cylindrical and are a type of industrial fastener which can be used to retain parts in a fixed position, maintain alignment between different parts, or to join two or more items together. These metric dowel pins are ideal for service and maintenance departments.

Options available include the following sizes:

270-524 - 2.5x10 mm  
 270-530 - 2.5x12 mm  
 270-546 - 2.5x20 mm  
 270-552 - 3x12 mm  
 270-568 - 3x20 mm  
 270-574 - 3x24 mm  
 270-580 - 4x20 mm  
 270-596 - 4x24 mm  
 270-603 - 4x32 mm  
 270-619 - 5x20 mm  
 270-625 - 5x28 mm  
 270-631 - 5x36 mm  
 270-647 - 6x24 mm  
 270-653 - 6x32 mm  
 270-669 - 6x40 mm  
 270-675 - 8x24 mm  
 270-681 - 8x40 mm  
 270-697 - 8x50 mm  
 270-704 - 10x24 mm  
 270-710 - 10x40 mm  
 270-726 - 10x50 mm

## General Specifications

<b>Pin Type</b>	Parallel
<b>Material</b>	1.3505 (100Cr6)
<b>Finish</b>	Ground
<b>Applications</b>	Pivots, spindles and locating pins

## Mechanical Specifications

<b>Diameter</b>	3mm
<b>Length</b>	20mm
<b>Chamfer Length</b>	0.8mm
<b>Crown</b>	0.3mm
<b>Conical</b>	0.45mm
<b>Hardness</b>	HRC58-62
<b>Specification</b>	DIN 6325

Part Number	Size	Diameter Tol.	Crown	Chamfer	Conical	Radius
		D	A	B	C	R
	mm	mm	mm	mm	mm	mm
270524	2.5 x 10	2.502/2.508	0.25	0.7	0.4	2.5
270530	2.5 x 12	2.502/2.508	0.25	0.7	0.4	2.5
270546	2.5 x 20	2.502/2.508	0.25	0.7	0.4	2.5
270552	3 x 12	3.002/3.008	0.3	0.8	0.45	3
270568	3 x 20	3.002/3.008	0.3	0.8	0.45	3
270574	3 x 24	3.002/3.008	0.3	0.8	0.45	3
270580	4 x 20	4.004/4.012	0.4	1	0.6	4
270596	4 x 24	4.004/4.012	0.4	1	0.6	4
270603	4 x 32	4.004/4.012	0.4	1	0.6	4
270619	5 x 20	5.004/5.012	0.5	1.2	0.75	5
270625	5 x 28	5.004/5.012	0.5	1.2	0.75	5
270631	5 x 36	5.004/5.012	0.5	1.2	0.75	5
270647	6 x 24	6.004/6.012	0.6	1.5	0.9	6
270653	6 x 32	6.004/6.012	0.6	1.5	0.9	6
270669	6 x 40	6.004/6.012	0.6	1.5	0.9	6
270675	8 x 24	8.006/8.015	0.8	1.8	1.2	8
270681	8 x 40	8.006/8.015	0.8	1.8	1.2	8
270697	8 x 50	8.006/8.015	0.8	1.8	1.2	8
270704	10 x 24	10.006/10.015	1	2	1.5	10
270710	10 x 40	10.006/10.015	1	2	1.5	10
270726	10 x 50	10.006/10.015	1	2	1.5	10



