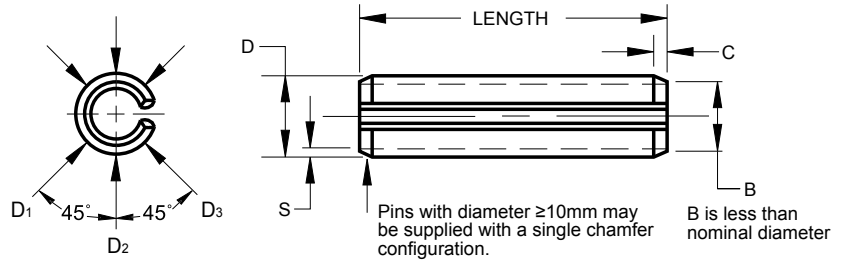


# ISO 8752 EN 28752



## PIN MATERIALS AND HARDNESS

<b>B</b>	High Carbon Steel	HV 420-520
<b>D</b>	Austenitic Stainless Steel	Work Hardened

## PIN FINISHES

<b>K</b>	Plain
<b>P</b>	Passivated

Plain carbon steel pins have a protective oil finish.

## METRIC SPECIFICATIONS

NOMINAL PIN DIAMETER	PIN DIAMETER D		CHAMFER LENGTH C	WALL THICKNESS S	RECOMMENDED HOLE SIZE		DOUBLE SHEAR STRENGTH HIGH CARBON STEEL
	MIN. <sup>1</sup>	MAX. <sup>2</sup>	NOMINAL	NOMINAL	MIN.	MAX.	MINIMUM kN
1.5	1.7	1.8	0.25	0.3	1.50	1.60	1.58
2	2.3	2.4	0.35	0.4	2.00	2.10	2.82
2.5	2.8	2.9	0.40	0.5	2.50	2.60	4.38
3	3.3	3.5	0.50	0.6	3.00	3.10	6.32
4	4.4	4.6	0.65	0.8	4.00	4.12	11.24
5	5.4	5.6	0.90	1.0	5.00	5.12	17.54
6	6.4	6.7	1.20	1.2	6.00	6.12	26.04
8	8.5	8.8	2.00	1.5	8.00	8.15	42.76
10	10.5	10.8	2.00	2.0	10.00	10.15	70.16
12	12.5	12.8	2.00	2.5	12.00	12.18	104.1

<sup>1</sup> Minimum diameter is the average of D1, D2 and D3.

<sup>2</sup> Maximum diameter measured with go-ring gage.

## STANDARD METRIC SIZES

NOMINAL DIAMETER	1.5	2	2.5	3	4	5	6	8	10	12
4										
5	*									
6	*	*								
8	*	*	*	*						
10	*	*	*	*						
12	*	*	*	*	*					
14	*	*	*	*	*	*				
16	*	*	*	*	*	*	*			
18		*	*	*	*	*	*	*		
20		*	*	*	*	*	*	*		
22				*	*	*	*	*		
24				*	*	*	*	*	*	
26				*	*	*	*	*	*	*
28				*	*	*	*	*	*	*
30				*	*	*	*	*	*	*
32										
35				*	*	*	*	*	*	*
40					*	*	*	*	*	*
45					*	*	*	*	*	*
50					*	*	*	*	*	*
55						*	*	*	*	*
60						*	*	*	*	*
65							*	*	*	*
70								*	*	*
75									*	*
80									*	*
85										
90										
95										
100										

Nominal Pin Length	Length Tolerance
<b>Length Tolerance - ISO 8752</b>	
4mm to 10mm	±0.25mm
12mm to 50mm	±0.50mm
55mm to 100mm	±0.75mm
<b>Length Tolerance - DIN 1481 (Ref)</b>	
4mm to 10mm	+ 0.5mm
12mm to 50mm	+ 1.0mm
55mm to 100mm	+1.5mm

\* Generally stocked size. All other sizes available to order.



## Technical Centers

### Americas

**SPIROL International Corporation**  
30 Rock Avenue  
Danielson, Connecticut 06239 U.S.A.  
Tel. +1 860 774 8571  
Fax. +1 860 774 2048

**SPIROL Shim Division**  
321 Remington Road  
Stow, Ohio 44224 U.S.A.  
Tel. +1 330 920 3655  
Fax. +1 330 920 3659

**SPIROL Canada**  
3103 St. Etienne Boulevard  
Windsor, Ontario N8W 5B1 Canada  
Tel. +1 519 974 3334  
Fax. +1 519 974 6550

**SPIROL Mexico**  
Avenida Avante #250  
Parque Industrial Avante Apodaca  
Apodaca, N.L. 66607 Mexico  
Tel. +52 81 8385 4390  
Fax. +52 81 8385 4391

**SPIROL Brazil**  
Rua Mafalda Barnabé Soliane, 134  
Comercial Vitória Martini, Distrito Industrial  
CEP 13347-610, Indaiatuba, SP, Brazil  
Tel. +55 19 3936 2701  
Fax. +55 19 3936 7121

### Europe

**SPIROL France**  
Cité de l'Automobile ZAC Croix Blandin  
18 Rue Léna Bernstein  
51100 Reims, France  
Tel. +33 3 26 36 31 42  
Fax. +33 3 26 09 19 76

**SPIROL United Kingdom**  
17 Princewood Road  
Corby, Northants  
NN17 4ET United Kingdom  
Tel. +44 1536 444800  
Fax. +44 1536 203415

**SPIROL Germany**  
Ottostr. 4  
80333 Munich, Germany  
Tel. +49 89 4 111 905 71  
Fax. +49 89 4 111 905 72

**SPIROL Spain**  
08940 Cornellà de Llobregat  
Barcelona, Spain  
Tel. +34 93 193 05 32  
Fax. +34 93 193 25 43

**SPIROL Czech Republic**  
Sokola Tůmy 743/16  
Ostrava-Mariánské Hory 70900  
Czech Republic  
Tel/Fax. +420 417 537 979

**SPIROL Poland**  
ul. Solec 38 lok. 10  
00-394, Warszawa, Poland  
Tel. +48 71 399 44 55

### Asia Pacific

**SPIROL Asia Headquarters**  
1st Floor, Building 22, Plot D9, District D  
No. 122 HeDan Road  
Wai Gao Qiao Free Trade Zone  
Shanghai, China 200131  
Tel. +86 21 5046 1451  
Fax. +86 21 5046 1540

**SPIROL Korea**  
160-5 Seokchon-Dong  
Songpa-gu, Seoul, 138-844, Korea  
Tel. +86 (0) 21 5046-1451  
Fax. +86 (0) 21 5046-1540

e-mail: [info@spirol.com](mailto:info@spirol.com)

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