

FULL LENGTH GROOVED PIN (with Chamfer end) : ISO 8740 Equivalent DIN 1473, EN 28740														
<i>Dimensions in millimetres</i>														
d ₁	Nominal	1.5	2	2.5	3	4	5	6	8	10	12	16	20	25
	Tolerance	h9				h11								
c ₁	≈	0.12	0.18	0.25	0.3	0.4	0.5	0.6	0.8	1	1.2	1.6	2	2.5
c ₂		0.6	0.8	1	1.2	1.4	1.7	2.1	2.6	3	3.8	4.6	6	7.5
a	≈	0.2	0.25	0.3	0.4	0.5	0.63	0.8	1	1.2	1.6	2	2.5	3
Double Shear kN		1.6	2.84	4.4	6.4	11.3	17.6	25.4	45.2	70.4	101.8	181	283	444
l ¹⁾		Expanded diameter, d ₂ ^{2), 3)}												
Nominal	Tolerance	+ 0.05		± 0.05						± 0.10				
8	± 0.25	1.60	2.15	2.65	3.20	4.25	5.25	6.30	8.30	10.35	12.35	16.40	20.50	25.50
10														
12														
14														
16	± 0.50	1.60	2.15	2.65	3.20	4.25	5.25	6.30	8.30	10.35	12.35	16.40	20.50	25.50
18														
20														
22														
24														
26														
28														
30	± 0.75	1.60	2.15	2.65	3.20	4.25	5.25	6.30	8.30	10.35	12.35	16.40	20.50	25.50
32														
35														
40														
45														
50														
55														
60														
65														
70														
75														
80														
85														
90														
95														
100														

1) The range of commercial lengths is between the stepped lines.

2) For testing d₂, a GO/NO GO ring Gauge should be used.

3) The expanded diameter d₂ applies only to pins made from steel. For other materials, for example stainless steel, a reduction amount shall be subtracted from the given values and should be agreed between customer and supplier.

