

SOCKET GROOVED PIN (Reverse Taper) : ISO 8741 Equivalent DIN 1474, EN 28741, IS 7386														
<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							
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	2.10	2.60	3.10	4.15	5.15	6.15	8.20	10.20	12.25	16.25	20.25	25.25
10		1.63												
12				2.15	2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30		
14		3.20											3.25	4.30
16	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
20		2.15									2.70	4.25	5.25	6.30
22	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
24		2.15									2.70	4.25	5.25	6.30
26	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
28		2.15									2.70	4.25	5.25	6.30
30	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
32		2.15									2.70	4.25	5.25	6.30
35	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
40		2.15									2.70	4.25	5.25	6.30
45	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
50		2.15									2.70	4.25	5.25	6.30
55	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
60		2.15									2.70	4.25	5.25	6.30
65	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
70		2.15									2.70	4.25	5.25	6.30
75	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
80		2.15									2.70	4.25	5.25	6.30
90	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
95		2.15									2.70	4.25	5.25	6.30
100	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
120		2.15									2.70	4.25	5.25	6.30
140	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
160		2.15									2.70	4.25	5.25	6.30
180	2.15		2.70	4.25	5.25	6.30	8.30	10.30	12.30	16.30				
200		2.15									2.70	4.25	5.25	6.30

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.