

ROUND HEAD GROOVED PIN (Rivet) : ISO 8746 Equivalent DIN 1476, EN 28746

Type A: Pin with chamfered end

Type B: Pin with pilot end

Dimensions in millimetres

	Nominal	1.4	1.6	2	2.5	3	4	5	6	8	10	12	16	20
d_1	max	1.40	1.60	2.00	####	3.000	4.0	5.0	6.0	8.00	10.00	12.0	16.0	20.0
	min	1.35	1.55	1.95	2.43	2.925	3.9	4.9	5.9	7.85	9.85	11.8	15.8	19.8
d_k	max	2.6	3.0	3.7	4.6	5.45	7.25	9.1	10.8	14.4	16.0	19.0	25.0	32.0
	min	2.2	2.6	3.3	4.2	4.95	6.75	8.5	10.2	13.6	14.9	17.7	23.7	30.7
k	max	0.9	1.1	1.3	1.6	1.95	2.55	3.15	3.75	5.0	7.4	8.4	10.9	13.9
	min	0.7	0.9	1.1	1.4	1.65	2.25	2.85	3.45	4.6	6.5	7.5	10.0	13.0
r	≈	1.4	1.6	1.9	2.4	2.8	3.8	4.6	5.7	7.5	8	9.5	13	16.5
c		0.42	0.48	0.6	0.75	0.9	1.2	1.5	1.8	2.4	3.0	3.6	4.8	6

l ¹⁾		Expanded diameter d_2 ^{2), 3)}												
Nominal	Tolerance	+ 0.05			± 0.05						± 0.10			
3	± 0.2													
4	± 0.3													
5		1.5												
6		1.7												
8		2.15												
10	± 0.4													
12		2.7												
16		3.2												
20	± 0.5													
25		4.25												
30		5.25												
35		6.3												
40		8.3												
		10.35												
		12.35												
		16.4												
		20.5												

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

2) For testing d_2 , a GO/NO GO ring Gauge should be used.

3) The expanded diameter d_2 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.