

COUNTERSUNK HEAD GROOVED PIN (Rivet) : ISO 8747 Equivalent DIN 1477, EN 28747

*Dimensions in millimetres*

$d_1$	Nominal	1.4	1.6	2	2.5	3	4	5	6	8	10	12	16	20
	max	1.40	1.60	2.00	2.500	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	2.7	3.0	3.7	4.6	5.45	7.25	9.1	10.8	14.4	16.0	19.0	26.0	31.5
	min	2.3	2.6	3.3	4.2	4.95	6.75	8.5	10.2	13.6	14.9	17.7	23.7	30.7
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
$l$ <sup>1)</sup>	Expanded diameter $d_2$ <sup>2), 3)</sup>													
Nominal	Tolerance	+ 0.05			± 0.05						± 0.10			
3	± 0.2													
4	± 0.3	1.5	1.7											
5				2.15										
6					2.7									
8						3.2								
10	± 0.4					4.25								
12							5.25							
16								6.3						
20	± 0.5							8.3						
25									10.35					
30										12.35				
35											16.4			
40											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.