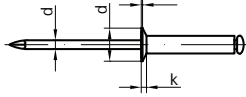


## Blind rivet systems – Blind rivets

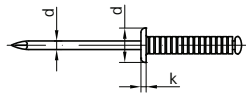


### Dimensions blind rivets

R264 - article Rivet Mandrel	Dimensions	3	4	5
<b>Open-end blind rivets with countersunk head</b> acc. to DIN 7337-B	d <sub>2</sub>	6.0	7.5	9.0
	k	0.9	1.0	1.2
	c	0.3	0.3	0.4
	d <sub>m</sub> (steel/Al)	2.05/2.00	2.65/2.45	3.30/2.95
	drill Ø	3.1	4.1	5.1
<b>88411</b> steel zinc plated/ steel zinc plated	<b>Material/rivet</b>	<b>Shear strength<sub>min</sub> in N<sub>max</sub> (Tensile strength<sub>min</sub> in N<sub>max</sub>)</b>		
		Force specifications are identical to the specifications for Article 88401 (see TI-143)		
<b>88412</b> Al alloy/steel zinc plated	<b>Length</b>	<b>Clamping length range (min – max)</b>		
	4 steel/Al	-/1.0 – 1.5	-	-
	6 steel/Al	1.0 – 3.0/1.5 – 3.5	1.0 – 2.5/1.0 – 3.0	1.0 - 2.0/-
	8 steel/Al	3.0 – 5.0/3.5 – 5.0	2.5 – 4.5/3.0 – 5.0	2.0 - 4.0/2.0 – 4.5
	10 steel/Al	5.0 – 6.5/5.0 – 7.0	4.5 – 6.5/5.0 – 6.5	4.0 – 6.0/4.5 – 6.0
	12 steel/Al	6.5 – 8.5/7.0 – 9.0	6.5 – 8.5/6.5 – 8.5	6.0 – 8.0/6.0 – 8.0
	14 steel/Al	-	-	8.0 – 9.5/-
	16 steel/Al	-/9.0 – 13.0	8.5 – 12.0/8.5 – 12.5	
	18 steel/Al	-	-/12.5 – 14.5	
	20 steel/Al	-	12.0 – 16.0/14.5 – 16.5	
	25 steel/Al	-	-	



R264 - article Rivet Mandrel	Dimensions	3.2	4	4.8
<b>Open-end blind rivets with grooved rivet body for blind hole riveting</b>	d <sub>2</sub>	6.5	8	9.5
	k	1	1.2	1.3
	d <sub>m</sub>	1.95	2.1	2.7
	drill Ø	3.3	4.1	4.9
	<b>88419G</b> Al alloy/steel zinc plated	<b>Material/rivet</b>	<b>Shear strength<sub>min</sub> in N<sub>max</sub> (Tensile strength<sub>min</sub> in N<sub>max</sub>)</b>	
Al alloy		720 (950)	1400 (2000)	1800 (2700)
	<b>Length</b>	<b>Clamping length (- max)</b>		
	8	-	4	-
	10	6	-	6
	12	-	8	-
	14	-	-	10
	16	12	12	-
	18	-	-	13
	20	-	-	15
	25	-	-	20



R264 - article Rivet Mandrel	Dimensions	3.2	4	4.8
<b>Closed-end blind rivets with protruding head for air- and water-tight rivetting</b> acc. to ISO 15973	d <sub>2</sub>	6	8	9.5
	k	1.1	1.3	1.8
	d <sub>m</sub>	1.7	2.2	2.7
	drill Ø	3.3	4.1	4.9
	<b>88420* F</b> Al alloy/steel phos. Al alloy/A2 Cu/steel oiled Cu/steel oiled Cu/A2	<b>Material/rivet</b>	<b>Shear strength<sub>min</sub> in N<sub>max</sub> (Tensile strength<sub>min</sub> in N<sub>max</sub>)</b>	
Al alloy		1100 (1450)	1550 (2100)	2400 (3500)
	Cu	1000 (14009)	1500 (2200)	2100 (3100)
	<b>Length</b>	<b>Clamping length range (min – max)</b>		
	6.5	0.5 - 2.0	-	-
	7.5	1.0 – 3.0	-	-
	8	1.5 - 3.0	0.5 - 3.0	1.0 - 3.0
	9.5	3.0 - 5.0	3.0 - 5.0	3.0 - 5.0
	10.5	5.0 - 6.5	-	-
	11	4.5 - 6.5	4.5 - 6.5	4.5 - 6.5
	12.5	6.0 - 8.0	6.0 - 8.0	6.0 - 8.0
	14	-	-	7.5 - 9.5
	16	-	-	9.0 - 11.0
	18	-	-	10.5 - 13.0
	21	-	-	13.0 - 16.0

