

Vodotěsný nýt / Sealed rivet



Charakteristika / Features

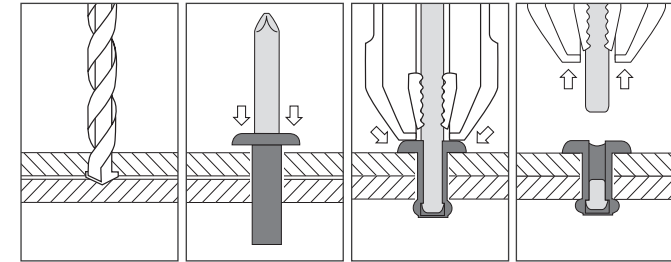
Vodotěsné nýty jsou tvořeny stejně jako standardní ze dvou částí - těla a trnu. Funkce trnu zde však spočívá ve schopnosti zvodotěsnit nýtovaný spoj a tím i nýtovaný materiál.

/

A sealed rivet is made of two parts as standard - the body and the mandrel, but the body forms blinded case. The function for the mandrel is, that during the traction, the blinded case remains without damage and that created waterproof connection.

Výhody / Advantages

- Vodotěsné spojení - ochrana proti korozi spoje i spojovanému materiálu.
 - Vysoká odolnost na tlak a proti vibracím.
 - Vhodný pro automatizovanou výrobu.
- /
- During setting, the rivet body expands to fill the hole, enabling the rivet to withstand pressures up to 35 Bar (3500 kPa).
 - After setting, the end of the broken mandrel is retained, providing high resistance to vibration.
 - Retained mandrel.

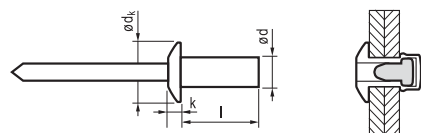


Aplikace / Specific applications


- Automobilový průmysl / Car body production
- Konstrukční průmysl / Construction industry
- Konstrukce boxu a beden na elektrická zařízení / Tank construction and apparatus engineering
- Konstrukce kontejnerů / Container construction
- Rozvody vzduchu / Air-conditioning
- Dopravní a přepravní zařízení / Shipbuilding construction, etc.





01201





vodotěsný | plochá hlava / close end | dome head







 **Hliník / Aluminium [AlMg5]**
Leštěný / Polished

 **Ocel / Steel**
Pozinkovaná / Zinc plated

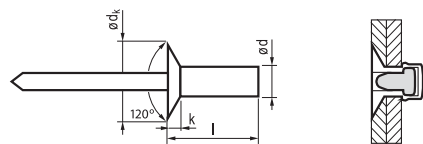
Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
3,2 [+0,08/-0,10]  Ø 3,3	6,5	012013206	0,5-2,0	6,0 [±0,24]	1,40 [-0,3 / +0,0]	1245	1070
	8,0	012013208	2,0-3,5				
	9,5	012013209	3,5-5,0				
	12,7	012013212	6,5-8,0				

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,0 [+0,08/-0,15]  Ø 4,1	8,0	012014008	0,5-3,5	8,0 [±0,29]	1,70 [-0,4 / +0,0]	2240	1710
	9,5	012014009	3,5-4,5				
	12,7	012014012	6,5-8,0				
	15,0	012014015	8,0-10,5				

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,8 [+0,08/-0,15]  Ø 4,9	8,0	012014808	1,0-3,0	9,5 [±0,29]	2,00 [-0,5 / +0,0]	3070	2230
	9,5	012014809	3,0-4,5				
	12,5	012014812	6,0-7,5				
	14,0	012014814	7,5-9,0				
	16,0	012014816	9,0-11,0				
	18,0	012014818	11,0-13,0				
	21,0	012014821	13,0-16,0				
	25,0	012014825	16,0-20,0				





01204





vodotěsný | zapuštěná hlava / close end | countersunk head







 **Hliník / Aluminium [AlMg5]**
Leštěný / Polished

 **Ocel / Steel**
Pozinkovaná / Zinc plated

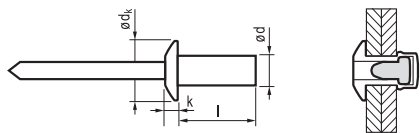
Ø d	l [+1,0/-0,2]	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
3,2 [+0,08/-0,10]  Ø 3,3	7,5	012043207	1.5-3.0	6,0 [±0,4]	1,30 [±]	1245	1070
	9,0	012043209	3.0-4.5				
	12,0	012043212	6.0-7.5				

Ø d	l [+1,0/-0,2]	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,0 [+0,08/-0,15]  Ø 4,1	9,5	012044009	2.5-4.5	7,5 [±0,5]	1,70 [±]	2240	1710
	12,5	012044012	6.5-8.0				
	14,0	012044014	8.0-9.5				

Ø d	l [+1,0/-0,2]	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,8 [+0,08/-0,15]  Ø 4,9	9,5	012044809	3.0-4.5	9,0 [±0,5]	2,00 [±]	3070	2230
	12,5	012044812	6.0-7.5				
	14,0	012044814	7.5-9.0				
	15,5	012044815	9.0-10.5				
	19,0	012044819	10.5-14.0				





01241





vodotěsný | plochá hlava / close end | dome head







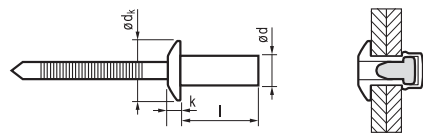
 **Ocel / Steel**
Pozinkovaná / Zinc plated

 **Ocel / Steel**
Pozinkovaná / Zinc plated

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
3,2 [+0,08/-0,10]  Ø 3,3	8,0	012413208	1,5-3,0	6,0 [±0,29]	1,00 [±0,30]	2100	1600
	9,5	012413209	3,0-5,0				
	12,0	012413212	5,0-6,5				





Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,0 [+0,08/-0,15]  Ø 4,1	8,0	012414008	1,5-3,0	8,0 [±0,29]	1,40 [±0,30]	2500	2300
	10,0	012414009	3,0-5,0				
	12,5	012414012	5,0-6,5				
	15,0	012414015	6,5-10,5				





Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,8 [+0,08/-0,15]  Ø 4,9	9,5	012414809	3,0-5,0	9,5 [±0,29]	1,70 [±0,30]	3800	2900
	12,5	012414812	6,0-7,5				
	16,0	012414816	9,0-11,0				





01231**vodotěsný | plochá hlava / close end | dome head**

 **Hliník / Aluminium [AlMg5]**
Leštěný / Polished

 **Nerez / Stainless steel A2**
Leštěný / Polished

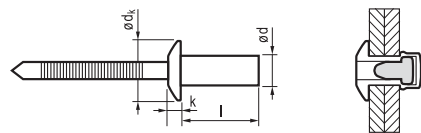
Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
3,2 [+0,08/-0,10]  Ø 3,3	6,5	012313206	0,5-2,0	6,0 [±0,24]	1,30 [-0,3 / +0,0]	1250	1070
	8,0	012313208	2,0-3,5				
	9,5	012313209	3,0-5,0				
	12,7	012313212	6,5-8,0				

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,0 [+0,08/-0,15]  Ø 4,1	8,0	012314008	0,5-3,5	8,0 [±0,29]	1,70 [-0,4 / +0,0]	2 240	1710
	9,5	012314009	3,5-5,0				
	12,7	012314012	6,5-8,0				

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,8 [+0,08/-0,15]  Ø 4,9	9,5	012314809	3,0-4,5	9,5 [±0,29]	2,00 [-0,5 / +0,0]	3 070	2230
	12,5	012314812	6,0-7,0				
	14,0	012314814	7,5-9,0				
	16,0	012314816	9,0-11,0				
	18,0	012314818	11,0-13,0				
	21,0	012314821	13,0-16,0				





01261





vodotěsný | plochá hlava / close end | dome head







 **Nerez / Stainless steel A2**
Leštěný / Polished

 **Nerez / Stainless steel A2**
Leštěný / Polished

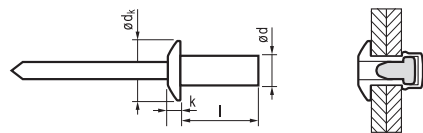
Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
3,2 [+0,08/-0,10]  Ø 3,3	6,0	012613206	0,5-1,5	6,0 [±0,24]	1,30 [-0,3 / +0,0]	2500	2000
	8,0	012613208	1,5-3,0				
	9,5	012613209	3,0-5,0				
	12,0	012613212	5,0-7,0				

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,0 [+0,08/-0,15]  Ø 4,1	6,0	012614006	0,5-1,5	8,0 [±0,29]	1,70 [-0,4 / +0,0]	4000	3000
	8,0	012614008	1,5-3,0				
	9,5	012614009	3,0-5,0				
	12,0	012614012	5,0-6,5				
	16,0	012614016	6,5-10,5				

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,8 [+0,08/-0,15]  Ø 4,9	9,5	012614809	3,0-5,0	9,5 [±0,29]	2,00 [-0,5 / +0,0]	5500	4500
	12,0	012614812	5,0-6,5				
	16,0	012614816	6,5-10,5				
	20,0	012614820	10,5-14,0				





01211





vodotěsný | plochá hlava / close end | dome head







 **Hliník / Aluminium [AlMg 0.05]**
Leštěný / Polished

 **Hliník / Aluminium**
Leštěný / Polished

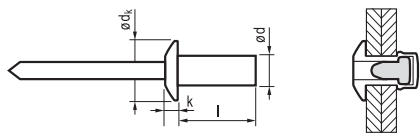
Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
3,2 [+0,08/-0,15]  Ø 3,3	8,0	012113208	0,5-3,5	6,0 [±0,29]	1,40 [-0,3 / +0,0]	490	450
	9,5	012113209	3,5-5,5				





Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,0 [+0,08/-0,15]  Ø 4,1	9,5	012114009	0,5-5,0	8,0 [±0,29]	1,70 [-0,4 / +0,0]	820	580
	12,5	012114012	5,0-8,0				

Ø d	l	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
4,8 [+0,08/-0,15]  Ø 4,9	9,5	012114809	1,0-4,5	9,5 [±0,29]	2,00 [-0,5 / +0,0]	1120	900
	11,5	012114811	4,5-6,5				
	14,5	012114814	6,5-9,5				
	18,0	012114818	9,5-13,0				


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vodotěsný | plochá hlava / close end | dome head



Ø d	l [+1,0/-0,2]	Item nr.		Ø dk	k		
[mm]	[mm]		min-max[mm]	[mm]	[mm]	[N]	[N]
3,2 [+0,08/-0,10]	8,0	012513208	1,5-3,0	6,0 [±0,29]	1,40 [±0,30]	1300	850
 Ø 3,3	9,5	012513209	2,5-4,5				

 **Měď / Copper**
Leštěná / Polished

 **Ocel / Steel**
Pozinkovaná / Zinc plated