



MATICOVÉ A ŠROUBOVÉ NÝTY
/ RIVET NUTS AND BOLTS

Maticový nýt válcový / Rivet nut rounded



Charakteristika / Features

Rádlování na matici zabraňuje rotačnímu pohybu v nýtovaném materiálu a zajišťuje tak odolnost proti vytrhnutí a vibracím. V nerezové verzi je ještě více efektivní.

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Tracing on the nut prevents from rotation movement in the riveted material and ensures the resistance to pulling out and from vibrations. It is more efficient in stainless steel version.




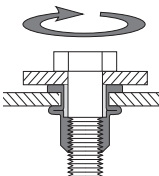
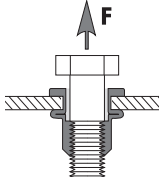
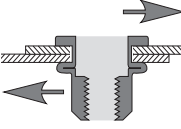
Aplikace / Specific applications

- Zámečnictví / Locksmithing
- Kovovýroba / Metalworking
- Rozvody vzduchu / Air conditioning
- Automobilový průmysl / Automotive industry
- Výroba gastro a jiných zařízení / Gastronomy equipment and others

Výhody / Advantages

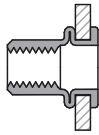
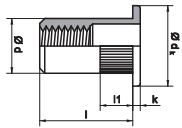
- Vznik metrického závitu M₃ - M₁₂ ve spoji nýtovaného materiálu.
 - Jednoduše vytvořený metrický závit v tenkém plechu.
 - Pevné spojení nevyžadující další povrchovou úpravu.
- /
- Formation of galvanized metric thread M₃-M₁₂ in the joint of the riveted material.
 - Simple metric thread even on thin material plates.
 - Fixed joint, does not require any coating.

Technická data / Technical data


			 Plochá hlava Cylindrical head			 Zapuštěná hlava Countersunk head			 Malá zapuštěná hlava / Reduced countersunk head	
			Ocel Steel	Nerezová ocel Stainless steel A2	Hliník Aluminium	Ocel Steel	Nerezová ocel Stainless steel A2	Hliník Aluminium	Ocel Steel	Nerezová ocel Stainless steel
	Doporučený max kroučící moment / Recommended max torque (Nm)	M3	3.0	1.5	-	-	-	-	-	-
		M4	4.5	7.0	4.0	4.0	7.0	4.0	4.0	7.0
		M5	5.4	10.0	5.0	5.0	10.0	5.0	5.0	10.0
		M6	19.8	20.0	11.3	15.3	20.0	11.3	15.0	20.0
		M8	29.0	28.0	14.5	18.0	28.0	14.5	18.0	28.0
		M10	32.0	38.0	20.0	28.0	38.0	20.0	30.0	38.0
		M12	43.7	-	-	-	-	-	-	-
	Tah / Tensile (N)	M3	4 000	3 800	-	-	-	-	-	-
		M4	5 000	6 800	2 800	8 000	6 800	2 800	6 600	6 800
		M5	11 300	11 700	4 900	11 000	11 700	4 900	9 200	11 700
		M6	18 000	18 000	9 200	17 000	18 000	9 200	17 000	18 000
		M8	28 000	24 000	14 000	31 400	24 000	14 000	22 000	24 000
		M10	29 000	29 000	21 000	35 000	29 000	21 000	32 400	29 000
		M12	48 000	-	-	-	-	-	-	-
	Střih / Shear (N)	M3	990	900	-	-	-	-	-	-
		M4	1 700	2 600	1 000	2 200	2 600	1 000	1 600	2 600
		M5	2 800	2 900	1 100	2 300	2 900	1 100	2 200	2 900
		M6	3 500	4 900	2 200	3 700	4 900	2 200	2 400	4 900
		M8	4 500	6 800	2 400	4 800	6 800	2 400	2 900	6 800
		M10	5 000	7 800	3 800	5 300	7 800	3 800	4 300	7 800
		M12	6 800	-	-	-	-	-	-	-

030111

válcová | otevřená | plochá hlava | rádlovaná /
rounded | open type | cylindrical head | knurled

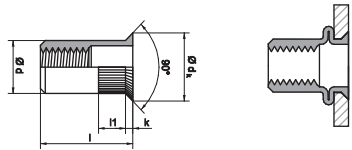


Ocel / Steel
Pozinkovaná / Zinc plated





Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M3  Ø 5,0	0,5-3,0	030031111	4,9	7,0	0,9	10,0	4,0
M4  Ø 6,0	0,3-3,0	030041111	5,9	9,0	1,0	10,0	4,0
	3,1-4,0	030041112				11,5	5,0
M5  Ø 7,0	0,3-3,0	030051111	6,9	10,0	1,0	12,0	4,0
	3,1-4,0	030051112				15,0	5,0
M6  Ø 9,0	0,5-3,0	030061111	8,9	13,0	1,5	14,5	4,0
	3,1-4,5	030061112				16,0	5,5
M8  Ø 11,0	0,5-3,0	030081111	10,9	16,0	1,5	16,0	4,0
	3,1-5,5	030081112				18,5	6,5
M10  Ø 13,0	0,5-3,0	030101111	12,9	19,0	2,0	17,0	4,0
	3,1-6,0	030101112				22,0	7,0
M12  Ø 16,0	1,0-4,0	030121111	15,9	23,0	2,0	23,0	5,0

030211

válcová | otevřená | zapuštěná hlava | rádlovaná /
rounded | open type | countersunk head | knurled

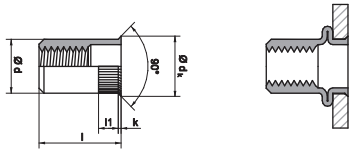


Ocel / Steel
Pozinkovaná / Zinc plated







Ø M		Item nr.	Ø d	Ø dk	k	l	l _i
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	1,5 - 3,5	030042111	5,9	9,0	1,5	11,5	4,5
M5  Ø 7,0	1,5 - 4,0	030052111	6,9	10,0	1,5	13,5	5,0
M6  Ø 9,0	1,5 - 4,5	030062111	8,9	12,0	1,5	16,0	5,5
M8  Ø 11,0	1,5 - 4,5	030082111	10,9	14,0	1,5	19,0	5,5
M10  Ø 13,0	1,5 - 4,5	030102111	12,9	15,0	1,5	21,0	5,5

030311

válcová | otevřená | malá zapuštěná hlava | rádlovaná /
rounded | open type | reduced countersunk head | knurled

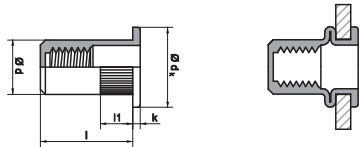


Ocel / Steel
Pozinkovaná / Zinc plated






Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,5 - 3,0	030043111	5,9	7,0	0,6	10,0	4,0
M5  Ø 7,0	0,5 - 3,0	030053111	6,9	8,0	0,6	11,5	4,0
M6  Ø 9,0	0,5 - 3,0	030063111	8,9	10,0	0,6	14,0	4,0
M8  Ø 11,0	0,5 - 3,0	030083111	10,9	12,0	0,6	15,5	4,0
M10  Ø 13,0	0,8 - 3,5	030103111	12,9	13,5	0,8	19,5	4,5

031111

válcová | uzavřená | plochá hlava | rádlovaná /
 rounded | close end | cylindrical head | knurled

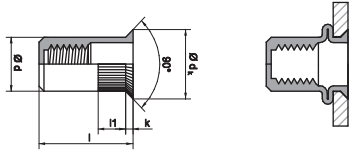


Ocel / Steel
 Pozinkovaná / Zinc plated







Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,3 - 3,0	031041111	5,9	9,0	1,0	15,5	4,0
M5  Ø 7,0	0,3 - 3,0	031051111	6,9	10,0	1,0	18,0	4,0
M6  Ø 9,0	0,5 - 3,0	031061111	8,9	12,0	1,5	20,5	4,0
M8  Ø 11,0	0,5 - 3,0	031081111	10,9	15,0	1,5	25,5	4,0

031211

válcová | uzavřená | zapuštěná hlava | rádlovaná /
rounded | close end | countersunk head | knurled

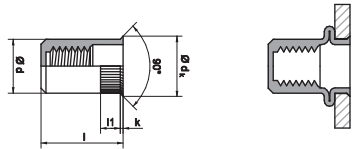


Ocel / Steel
Pozinkovaná / Zinc plated







Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	1,6 - 3,5	031042111	5,9	9,0	1,5	17,3	12,3
M5  Ø 7,0	1,6 - 4,0	031052111	6,9	10,0	1,5	19,5	14,0
M6  Ø 9,0	1,6 - 4,5	031062111	8,9	12,0	1,5	23,5	17,5
M8  Ø 11,0	1,6 - 5,0	031082111	10,9	14,0	1,5	26,5	20,0
M10  Ø 13,0	1,6 - 5,0	031102111	12,9	16,0	1,5	33,0	21,5

031311

válcová | uzavřená | malá zapuštěná | rádlovaná /
 rounded | close end | reduced countersunk | knurled

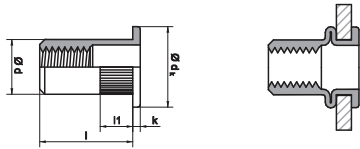


Ocel / Steel
 Pozinkovaná / Zinc plated






Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,5 - 2,0	031043111	5,9	6,75	0,5	16,5	13,0
M5  Ø 7,0	0,5 - 2,5	031053111	6,9	8,0	0,6	18,5	14,5
M6  Ø 9,0	0,5 - 3,0	031063111	8,9	10,0	0,6	23,0	18,0
M8  Ø 11,0	0,5 - 3,5	031083111	10,9	12,3	0,6	26,5	20,5
M10  Ø 13,0	0,5 - 3,5	031103111	12,9	14,5	0,85	33,0	20,7

030121

válcová | otevřená | plochá hlava | rádlovaná /
rounded | open type | cylindrical head | knurled

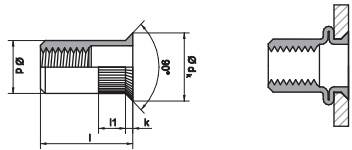


Nerez / Stainless steel A2
Leštěný / Polished


Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M3  Ø 5,0	0,5 - 3,0	030031211	4,9	7,0	0,9	10,0	4,0
M4  Ø 6,0	0,3 - 3,0	030041211	5,9	9,0	1,0	10,0	4,0
	3,1 - 4,0	030041212				11,5	5,0
M5  Ø 7,0	0,3 - 3,0	030051211	6,9	10,0	1,0	12,0	4,0
	3,1 - 4,0	030051212				15,0	5,0
M6  Ø 9,0	0,5 - 3,0	030061211	8,9	13,0	1,5	14,5	4,0
	3,1 - 4,5	030061212				16,0	5,5
M8  Ø 11,0	0,5 - 3,0	030081211	10,9	16,0	1,5	16,0	4,0
	3,1 - 5,5	030081212				18,5	6,5
M10  Ø 13,0	0,5 - 3,0	030101211	12,9	19,0	2,0	17,0	4,0
	3,1 - 6,0	030101212				22,0	7,0

030221

válcová | otevřená | zapuštěná hlava | rádlovaná /
rounded | open type | countersunk head | knurled

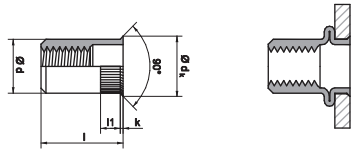


Nerez / Stainless steel A2
Leštěný / Polished







Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	1,5 - 3,5	030042211	5,9	9,0	1,5	11,5	4,5
M5  Ø 7,0	1,5 - 4,0	030052211	6,9	10,0	1,5	13,5	5,0
M6  Ø 9,0	1,5 - 4,5	030062211	8,9	12,0	1,5	16,0	5,5
M8  Ø 11,0	1,5 - 4,5	030082211	10,9	14,0	1,5	19,0	5,5
M10  Ø 13,0	1,5 - 4,5	030102211	12,9	15,0	1,5	21,0	5,5

030321

válcová | otevřená | malá zapuštěná hlava | rádlovaná /
 rounded | open type | reduced countersunk head | knurled

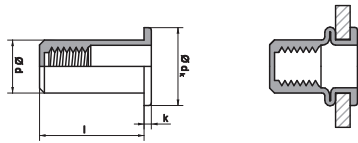


Nerez / Stainless steel A2
 Leštěný / Polished







Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,5 - 3,0	030043211	5,9	7,0	0,6	10,0	4,0
M5  Ø 7,0	0,5 - 3,0	030053211	6,9	8,0	0,6	11,5	4,0
M6  Ø 9,0	0,5 - 3,0	030063211	8,9	10,0	0,6	14,0	4,0
M8  Ø 11,0	0,5 - 3,0	030083211	10,9	12,0	0,6	15,5	4,0
M10  Ø 13,0	0,8 - 3,5	030103211	12,9	13,5	0,8	19,5	4,5

031122

válcová | uzavřená | plochá hlava | hladká /
rounded | close end | cylindrical head | smooth

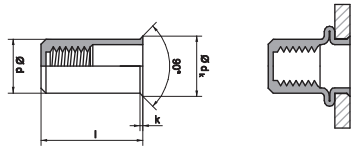


Nerez / Stainless steel A2
Leštěný / Polished







Ø M		Item nr.	Ø d	Ø dk	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,5 - 2,5	031041221	5,9	9,0	1,0	16,0
M5  Ø 7,0	0,5 - 3,0	031051221	6,9	10,0	1,0	18,0
M6  Ø 9,0	0,5 - 3,0	031061221	8,9	12,0	1,5	21,0
M8  Ø 11,0	0,5 - 3,0	031081221	10,9	15,0	1,5	23,5
M10  Ø 13,0	1,0 - 3,5	031101221	12,9	17,0	2,0	26,5

031322

válcová | uzavřená | malá zapuštěná hlava | hladká /
rounded | close end | reduced countersunk head | smooth

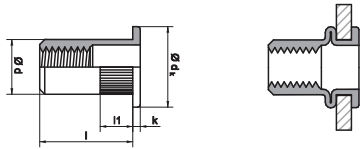


Nerez / Stainless steel A2
Leštěný / Polished







Ø M		Item nr.	Ø d	Ø dk	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,5 - 2,5	031043221	5,9	7,0	0,5	16,0
M5  Ø 7,0	0,5 - 2,5	031053221	6,9	8,0	0,5	17,5
M6  Ø 9,0	0,5 - 3,0	031063221	8,9	10,0	0,5	21,0
M8  Ø 11,0	0,5 - 3,0	031083221	10,9	12,0	0,5	23,5
M10  Ø 13,0	1,0 - 3,5	031103221	12,9	14,2	0,7	26,5

030131

válcová | otevřená | plochá hlava | rádlovaná /
rounded | open type | cylindrical head | knurled

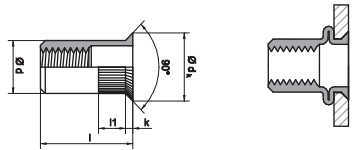


Hliník / Aluminium
Leštěný / Polished

Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,3 - 3,0	030041311	5,9	9,0	1,0	10,0	4,0
M5  Ø 7,0	0,3 - 3,0	030051311	6,9	10,0	1,0	12,0	4,0
M6  Ø 9,0	0,5 - 3,0	030061311	8,9	13,0	1,5	14,5	4,0
M8  Ø 11,0	0,5 - 3,0	030081311	10,9	16,0	1,5	16,0	4,0
M10  Ø 13,0	0,5 - 3,0	030101311	12,9	19,0	2,0	17,0	4,0

030231

válcová | otevřená | zapuštěná hlava | rádlovaná /
rounded | open type | countersunk head | knurled

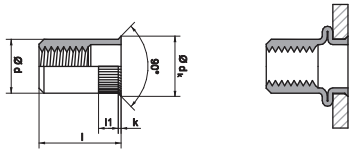


Hliník / Aluminium
Leštěný / Polished







Ø M		Item nr.	Ø d	Ø dk	k	l	l _i
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	1,5 - 3,5	030042311	5,9	9,0	1,5	11,5	4,5
M5  Ø 7,0	1,5 - 4,0	030052311	6,9	10,0	1,5	13,5	5,0
M6  Ø 9,0	1,5 - 4,5	030062311	8,9	12,0	1,5	16,0	5,5
M8  Ø 11,0	1,5 - 4,5	030082311	10,9	14,0	1,5	19,0	5,5
M10  Ø 13,0	1,5 - 4,5	030102311	12,9	15,0	1,5	21,0	5,5

030331

válcová | otevřená | malá zapuštěná hlava | rádlovaná /
 rounded | open type | reduced countersunk head | knurled



Hliník / Aluminium
 Leštěný / Polished

Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4  Ø 6,0	0,5 - 3,0	030043311	5,9	7,0	0,7	10,0	5,5
M5  Ø 7,0	0,5 - 3,0	030053311	6,9	8,0	0,7	11,5	5,5
M6  Ø 9,0	0,5 - 3,0	030063311	8,9	10,0	0,7	14,0	6,5
M8  Ø 11,0	0,5 - 3,0	030083311	10,9	12,0	0,7	15,5	7,5
M10  Ø 13,0	0,8 - 3,5	030103311	12,9	14,5	0,8	19,5	9,0

Maticový nýt šestihranný / Rivet nut hexagonal



Charakteristika / Features

Hexagonální matice zaručí maximální odolnost proti rotačnímu prokluzu v nýtovaném spoji. Hexa matice rozlišujeme s šestihranem poloviny délky matice nebo s šestihranem do půlky délky matice. Částečný šestihran slouží jako prevence proti náhodnému pokusu o odšroubování spoje.

Hexagonal nuts ensure total resistance to rotational slippage in the riveted joint. There are two kinds of hexagonal nuts: with hexagon on all length of the nut or with hexagon to the half-length of the nut. Partial hexagon serves as a prevention against accidental trial to unscrew the joint.



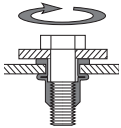
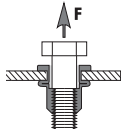
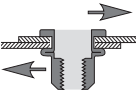
Výhody / Advantages

- Vznik metrického závitu M3 - M10 ve spoji nýtovaného materiálu.
 - Jednoduše vytvořený metrický závit i v tenkém plechu.
 - Pevné spojení nevyžadující další povrchovou úpravu.
 - Šestihranný tvar zaručuje odolnost proti prokluzu i bez zanýtování a je tedy i jednoduchá jeho odinstalace.
- /
- Formation of galvanized metric thread M3-M10 in the joint of the riveted material.
 - Simple metric thread even on thin material plates.
 - Fixed joint, does not require any coating.
 - Hexagonal shape ensures resistance of sliding, even without riveting, which means simple disassembling.

Aplikace / Specific applications

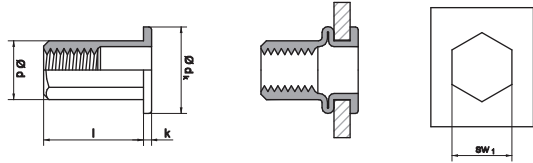
- Zámečnictví / Locksmithing
- Kovovýroba / Metalworking
- Rozvody vzduchu / Air conditioning
- Automobilový průmysl / Automotive industry
- Výroba gastro a jiných zařízení / Gastronomy equipment and others

Technická data / Technical data

			 Plochá hlava Cylindrical head		 Malá zapuštěná hlava / Reduced countersunk head	
			Ocel Steel	Nerezová ocel Stainless steel A2	Ocel Steel	Nerezová ocel Stainless steel
	Doporučený max kroučící moment / Recommended max torque (Nm)	M4	7.9	12.0	5.0	12.0
		M5	12.2	14.0	10.3	14.0
		M6	20.5	26.0	18.0	21.0
		M8	26.7	39.0	24.8	30.0
		M10	40.0	45.0	37.0	40.0
	Tah / Tensile (N)	M4	6 400	10 000	6 000	8 200
		M5	11 000	12 000	10 800	11 700
		M6	18 000	19 000	20 000	21 500
		M8	28 000	37 000	28 000	24 000
		M10	30 000	63 000	40 000	47 000
	Střih / Shear (N)	M4	2 300	2 600	1 900	2 900
		M5	3 600	3 400	2 400	3 100
		M6	4 300	4 700	3 000	3 800
		M8	5 000	6 800	3 000	3 900
		M10	6 000	6 900	3 500	5 000

032112

šestihran celá | otevřená | plochá hlava | hladká / hexaform | open type | cylindrical head | smooth

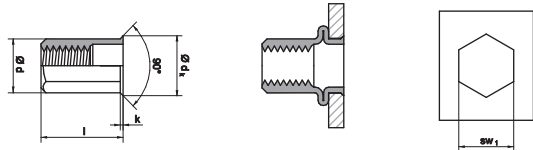


Ocel / Steel
Pozinkovaná / Zinc plated

Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4	0,5 - 3,0	032041121	6,0	6,1	9,3	1,0	11,5
M5	0,5 - 3,0	032051121	7,0	7,1	10,3	1,0	13,5
M6	0,5 - 3,0	032061121	9,0	9,1	12,3	1,5	15,5
M8	0,5 - 3,0	032081121	11,0	11,1	14,3	1,5	17,5
M10	1,0 - 4,0	032101121	13,0	13,1	16,3	2,0	22,0

032312

šestihran celá | otevřená | malá zapuštěná hlava | hladká / hexaform | open type | reduced countersunk head | smooth



Ocel / Steel
Pozinkovaná / Zinc plated

Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4	0,5 - 2,5	032043121	6,0	6,1	7,0	0,8	12,0
M5	0,5 - 2,5	032053121	7,0	7,1	8,0	0,8	14,0
M6	0,5 - 2,5	032063121	9,0	9,1	10,0	0,8	16,0
M8	0,5 - 2,5	032083121	11,0	11,1	12,0	0,8	18,0
M10	0,5 - 4,0	032103121	13,0	13,1	14,0	0,8	22,0

Vrtání / Hole size

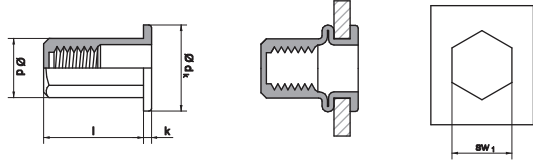
Rozsah / Range

Tah / Tensile

Střih / Shear

033112

šestihran celá | uzavřená | plochá hlava | hladká / hexaform | close end | cylindrical head | smooth

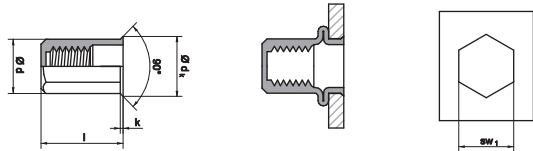


Ocel / Steel
Pozinkovaná / Zinc plated

Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4 	0,5 - 2,5	033041121	5,9	6,0	9,0	0,8	17,3
M5 	0,5 - 3,0	033051121	6,9	7,0	10,0	1,0	19,5
M6 	0,5 - 3,5	033061121	8,9	9,0	13,0	1,5	24,3
M8 	0,5 - 3,0	033081121	10,9	11,0	15,0	1,5	28,0

033312

šestihran celá | uzavřená | malá zapuštěná hlava | hladká / hexaform | close end | reduced countersunk head | smooth

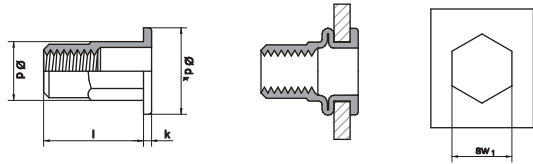


Ocel / Steel
Pozinkovaná / Zinc plated








Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4 	0,5 - 2,0	033043121	5,9	6,0	7,6	0,8	16,5
M5 	0,5 - 2,5	033053121	6,9	7,0	8,9	0,8	18,5
M6 	0,5 - 3,0	033063121	8,9	9,0	10,9	0,8	22,8
M8 	0,5 - 3,5	033083121	10,9	11,0	12,5	0,9	26,5

034112

šestihran část | otevřená | plochá hlava | hladká /
hexatop | open type | cylindrical head | smooth

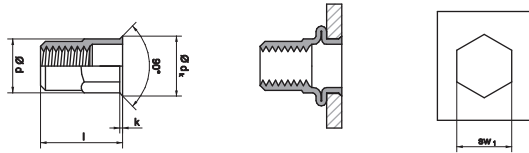


Ocel / Steel
Pozinkovaná / Zinc plated






Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M3 	0,3 - 1,8	034031121	4,9	5,0	8,0	0,75	9,0
	1,8 - 3,0	034031122					10,0
M4 	0,5 - 2,0	034041121	5,9	6,0	9,0	0,8	11,0
	2,0 - 4,5	034041122					13,0
M5 	0,5 - 2,5	034051121	6,9	7,0	10,0	1,0	13,0
	2,0 - 5,5	034051122					16,0
M6 	0,5 - 3,0	034061121	8,9	9,0	12,7	1,3	15,0
	2,0 - 5,5	034061122			12,5		1,2
M8 	1,0 - 3,5	034081121	10,9	11,0	16,0	1,5	18,0
	2,5 - 6,5	034081122					1,4
M10 	0,5 - 3,5	034101121-12	11,9	12,0	16,5	1,8	20,3
	3,5 - 6,0	034101122-12	11,9	12,0	16,0	1,7	22,0
	0,5 - 3,5	034101121	12,9	13,0	17,0	1,8	20,3
	2,5 - 6,5	034101122	12,9	13,0	18,0	1,7	25,0
M12 	2,0 - 5,0	034121121-15	14,9	15,0	19,0	1,8	24,3
	2,0 - 5,0	034121121	15,9	16,0	23,0	2,2	27,5
	3,5 - 7,0	034121122	15,9	16,0	23,0	2,0	29,0

034312

šestihran část | otevřená | malá zapuštěná hlava | hladká /
 hexatop | open type | reduced countersunk head | smooth

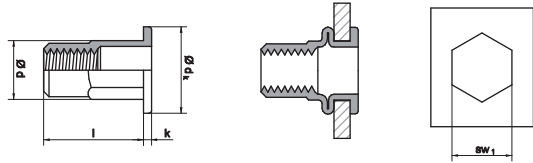


Ocel / Steel
 Pozinkovaná / Zinc plated







Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M3 	0,3 - 1,5	034033121	4,9	5,0	5,6	0,35	8,5
	1,5 - 2,5	034033122					10,0
M4 	0,5 - 2,0	034043121	5,9	6,0	7,0	0,5	12,0
	1,5 - 4,0	034043122			7,2		13,2
M5 	0,5 - 2,5	034053121	6,9	7,0	8,0	0,5	13,0
	2,0 - 5,5	034053122			8,2		15,8
M6 	1,0 - 3,5	034063121	8,9	9,0	10,0	0,6	16,0
	2,0 - 5,5	034063122			10,5		17,8
M8 	1,0 - 4,0	034083121	10,9	11,0	12,0	0,6	17,5
	2,5 - 6,5	034083122			13,0		19,7
M10 	0,5 - 3,5	034103121-12	11,9	12,0	13,0	0,85	18,7
	2,0 - 4,5	034103122-12	11,9	12,0	13,5	0,8	19,5
	0,5 - 3,5	034103121	12,9	13,0	14,3	0,85	23,0
	2,5 - 6,5	034103122	12,9	13,0	15,0	0,8	24,0
M12 	1,0 - 4,0	034123121	15,9	16,0	17,2	0,6	24,0
	3,5 - 7,5	034123122					27,5

034122

šestihran část | otevřená | plochá hlava | hladká /
 hexatop | open type | cylindrical head | smooth

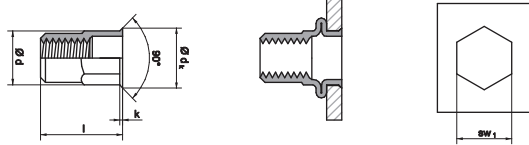


Nerez / Stainless steel A2
 Leštěný / Polished

Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4 	0,5 - 2,5	034041221	6,0	6,1	9,3	1,0	11,5
M5 	0,5 - 3,0	034051221	7,0	7,1	10,3	1,0	13,5
M6 	0,5 - 3,0	034061221	9,0	9,1	12,3	1,5	15,5
M8 	0,5 - 3,0	034081221	11,0	11,1	14,3	1,5	17,5
M10 	1,0 - 4,0	034101221	13,0	13,1	16,3	2,0	22,0

034322

šestihran část | otevřená | malá zapuštěná hlava | hladká /
hexatop | open type | reduced countersunk head | smooth

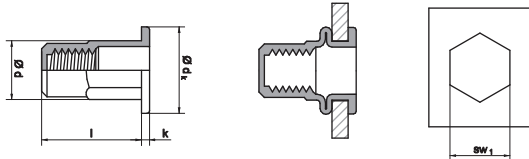


Nerez / Stainless steel A2
Leštěný / Polished

Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4 	0,5 - 2,5	034043221	6,0	6,1	6,5	0,6	12,0
M5 	0,5 - 3,0	034053221	7,0	7,1	7,5	0,6	14,0
M6 	0,5 - 3,0	034063221	9,0	9,1	9,5	0,6	16,0
M8 	0,5 - 3,0	034083221	11,0	11,1	11,5	0,6	17,0
M10 	1,0 - 4,0	034103221	13,0	13,1	13,5	0,6	20,5

035122

šestihran část | uzavřená | plochá hlava | hladká / hexatop | close end | cylindrical head | smooth

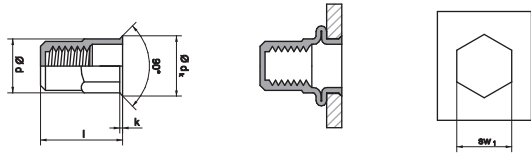


Nerez / Stainless steel A2
Leštěný / Polished







Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4 	0,5 - 2,5	035041221	6,0	6,1	9,0	1,0	16,0
M5 	0,5 - 3,0	035051221	7,0	7,1	10,0	1,0	18,0
M6 	0,5 - 3,0	035061221	9,0	9,1	12,0	1,5	21,0
M8 	0,5 - 3,0	035081221	11,0	11,1	14,5	1,5	23,5

035322

šestihran část | uzavřená | malá zapuštěná hlava | hladká /
hexatop | close end | reduced countersunk head | smooth

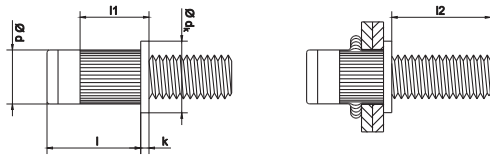


Nerez / Stainless steel A2
Leštěný / Polished




Ø M		Item nr.	sw	sw ₁	Ø d	k	l
[mm]	min-max[mm]		[mm]	[mm]	[mm]	[mm]	[mm]
M4 	0,5 - 2,5	035043221	6,0	6,1	6,0	0,5	16,0
M5 	0,5 - 3,0	035053221	7,0	7,1	7,0	0,5	18,0
M6 	0,5 - 3,0	035063221	9,0	9,1	9,0	0,5	21,0
M8 	0,5 - 3,0	035083221	11,0	11,1	11,0	0,5	23,5
M10 	1,0 - 3,5	035103221	13,0	13,1	13,0	0,7	26,5




040111




šroubový nýt | válcový | plochá hlava | rádlovaný /
rivet bolt | rounded | flat head | knurled






Ocel / Steel
Pozinkovaná / Zinc plated

Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁	l ₂	
[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
M4  Ø 5,5		0,5 - 2,0	040041111-10	5,40	8,00	0,50	8,00	5,50	10
		0,5 - 2,0	040041111-15					5,50	15
		2,0 - 3,0	040041112-10					6,50	10
		2,0 - 3,0	040041112-15					6,50	15

Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁	l ₂	
[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
M5  Ø 6,6		0,5 - 2,0	040051111-10	6,50	9,00	0,80	9,00	6,00	10
		0,5 - 2,0	040051111-15					6,00	15
		2,0 - 3,5	040051112-10				10,50	7,50	10
		2,0 - 3,5	040051112-15					7,50	15

Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁	l ₂	
[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
M6  Ø 7,8		0,5 - 2,5	040061111-10	7,70	10,00	1,00	10,00	7,00	10
		0,5 - 2,5	040061111-15					7,00	15
		2,5 - 4,0	040061112-10				11,50	9,00	10
		2,5 - 4,0	040061112-15					9,00	15

Ø M		Item nr.	Ø d	Ø dk	k	l	l ₁	l ₂	
[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
M8  Ø 9,9		1,0 - 3,0	040081111-15	9,80	12,00	1,50	12,50	9,00	15
		1,0 - 3,0	040081111-20					9,00	20
		3,0 - 5,0	040081112-15				15,00	11,0	15
		3,0 - 5,0	040081112-20					11,0	20