Blind rivet nuts have become an **indispensable part modern installation engeneering**. They allow to

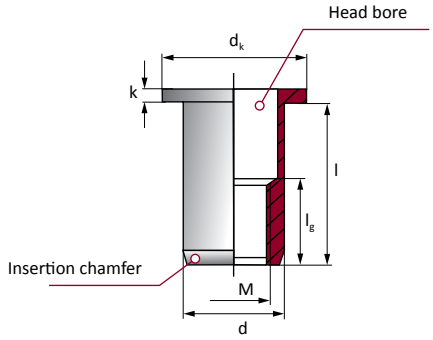
- install bolt threads of different types into ...
  - ... thin or low rigidity components
  - ... hollow sections or other components not accessible from both sides
  - ... components which already have a coated surface,
- connect different components to each other at the same time and
- attach additional parts.

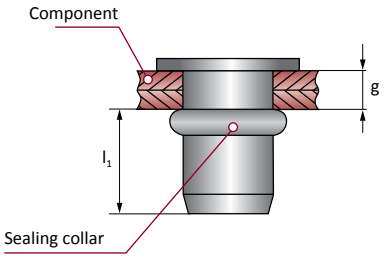
The continous development of new types, forms and dimensions documents the **nearly unlimited fields of applications**. The **Honsel-Group** has been one of the leading companies in this progress for decades.

On the following pages we present several interesting examples like the **patented OPTO® multigrip blind rivet nut** (▶ page 98/99), **high-strength HONSELmuttern** made from aluminium or steel (▶ page 91) or blind rivet nuts made from **stainless steel A4** (▶ page 116).

Open and closed versions, possibilities to avoid rotating (knurling, (partial) hexagon shafts or downhead toothing) and flat, countersunk or small countersunk heads - the VVG range is one of the most compact and complete programms available immediately from stock.

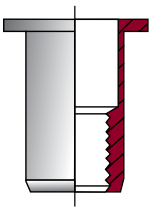
d - shaft diameter
dk - setting head diameter
k - setting head hight
lg - thread length min. 1 x M
l - shaft length
l1 - projection length
M - thread diameter
g - grip length



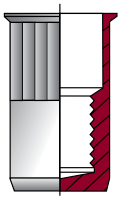


Head design

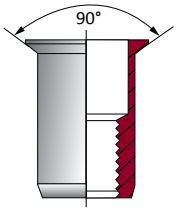
Flat head
- universally useable type of nut with a high level of availability and a wide material spectrum
- used with dry and grease-free components



Small countersunk head
The countersinking of the borehole is not normally necessary when machining blind rivet nuts. If technically necessary, the countersinking is to be carried out so that the countersunk head protrudes by min. 0,1 mm after setting.

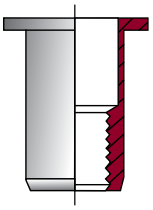


Countersunk head
For the machining of blind rivet nuts with countersunk head, the component is only to be countersunk to a depth at which the countersunk head protrudes by min. 0,1 mm after setting.

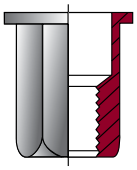


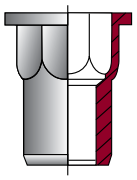
Shank designs

Round shaft blind rivet nuts
- universal nut type with high availability and broad material spectrum
- use with dry and grease-free components

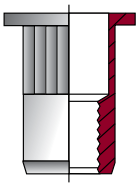


Blind rivet nuts with hexagonal shaft (Hexatop / Hexaform)
- shaft design with positive locking antirotation device
- preferred use with coated components
- high rotationresistance even with insufficient setting device height
- suitable for multiple screwing

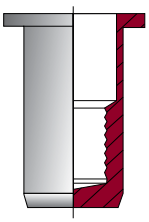




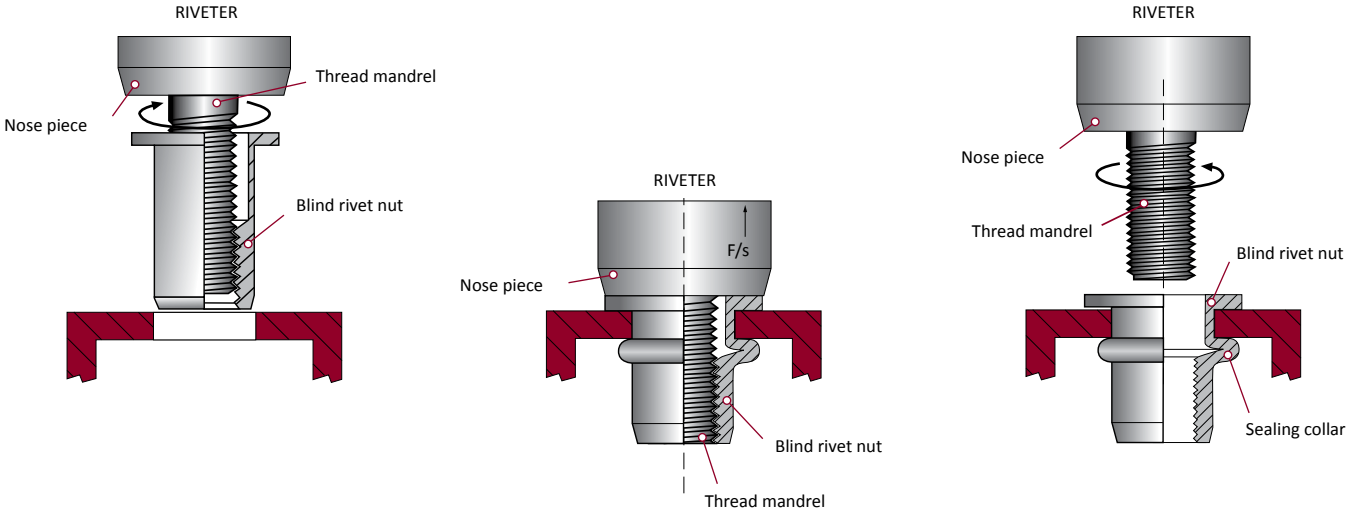
Blind rivet nuts with knurled shaft
- shaft design with positive locking antirotation device
- preferred use in components with low rigidity (component material less “hard“ than the material of the blind rivet nut)



Blind rivet nuts with closed shaft
- closed nut shaft hinders the entrance of liquid and gas through the nut
- additional sealing possible between the nut shaft and the component borehole
- mechanical properties identical to comparable design with open shaft



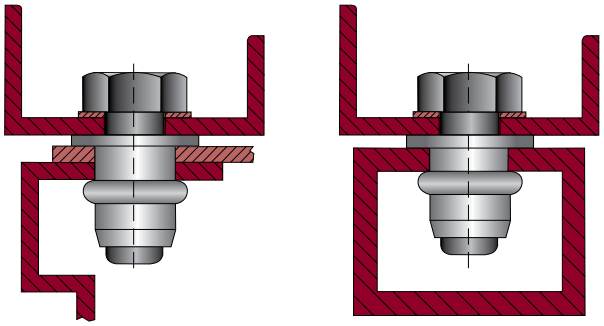
Installation



Blind rivet nuts are distinguished by simple and rapid installation. To set the nut, it is screwed onto the threaded mandrel of the setting tool, inserted into the component borehole, and set through the tool stroke. This causes the closing bead of the nut to form. After the threaded mandrel is removed, the components can be screwed tight.

For installing the nut, various tools are available with which the procedure can be carried out carefully. Setting tools operated by muscle power or by pneumatic hydraulics which can be selected.

Animation blind rivet nut



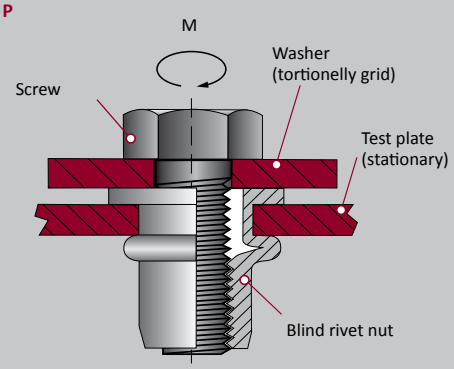
General assembly instructions

In order to guarantee correct functioning of the blind rivet nut, the points listed in the following should be noted:

- set blind rivet nut until complete formation of the closing head
- threaded mandrel must be easy to unscrew after setting
- installation at correct angle to the component surface
- blind rivet nuts with standard countersunk head should be sunk with a slight protrusion
- when using blind rivet nuts with small countersunk head (e.g. FLATSERT) it is not necessary to sink the borehole
- for blind rivet nuts without an additional positive locking anti-rotational device, the component surfaces must be dry, clean and grease-free
- specified component bore holes must be maintained: overlarge boreholes lead to problems with torque and load capacity

Tightening torque

TEST-SETUP



To measure the screwing torque, the nut is to be tested while setting into a test plate, a torsionally secured steel underlay plate superimposed, and the screw tightened. The following conditions apply for the test:

- Test / inspection plate of construction steel:
  Uncoated, dry, grease-free, thickness c. max. grip length of the nut
- Component bore hole:
  Nominal dimension of the nut shaft + 0.2 mm
- Machine screw:
  Oiled, rigidity class min. 8.8

Under the defined conditions, the result will be the **minimum value** measured before failure of the nut. Rotation of the nut counts as failure, as does recognisable plastic deformation of the blind rivet nut. In practical use, partially different usage conditions may apply which can lead to an alteration on the tightening torques. **In general we recommend an examination of each specific individual case.**

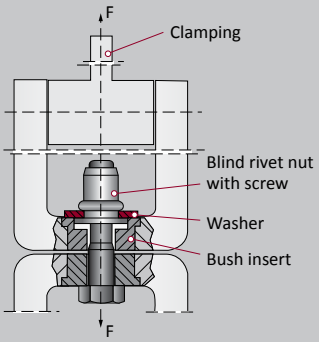
Maximum tightening torque - meassured values [Nm]

Type \ Dimensions	Page	M 3	M 4	M 5	M 6	M 8	M 10	M 12
AFM	94	1	3	4	6	18	28	45
AFM-G	94	–	3	4	6	18	28	–
AFM-R	95	*						
ASM	96	1	3	4	6	18	28	45
ASM-G	96	–	–	4	6	18	–	–
ASM-KLSK	97	–	2	4	6	18	–	–
ASM-R	97	*						
OPTO® AFM	98	–	3	4	6	18	–	–
OPTO® ASM	98	–	3	4	6	18	–	–
OPTO® SFM	99	–	4	6	11	24	–	–
OPTO® SSM	99	–	4	6	11	24	–	–
SFM	100	1,2	4	6	11	24	50	82
SFM-G	100	–	–	6	11	24	50	–
SFM-R	101	*						
SFM-PL	101	–	–	–	12	21	–	–
SSM	102	–	4	6	11	24	50	–
SSM-G	102	–	–	6	11	24	50	–
SSM-R	102	*						
SSM-KLSK	103	–	3	5	10	20	–	–
SSM-R-KLSK	103	*						
UNIVERSAL	104	–	3	5	10	20	40	–
UNIVERSAL-R	104	*						
UNIVERSAL-R-G	104	*						
FLATSERT	105	2	3	5	10	20	40	–
FLATSERT-R	105	*						
HEXAFORM®-FK	106	–	5	7	13	25	55	85
HEXAFORM®-KLSK	106	1,2	5	7	13	25	55	85
HEXAFORM®-KLSK-G	106/7	–	5	7	13	25	55	–
HEXATOP®-FK	107	–	4	6	11	24	50	–
HEXATOP®-KLSK	107	–	4	6	11	24	50	–
EFM	108	2	4	6	11	24	50	85
EFM-G	108	–	4	6	11	24	50	–
EFM-R	109	*						
ESM	110	–	4	6	11	24	50	85
ESM-R	110	*						
ESM-KLSK	111	–	4	6	11	24	50	–
ESM-KLSK-G	111	–	4	6	11	24	50	–
ESM-KLSK-R	112	*						
UNIVERSAL	113	–	3	5	10	20	–	–
UNIVERSAL-R	113	*						
HEXATOP®-E-FK	114	2	5	7	13	25	55	–
HEXATOP®-E-FK-G	114	–	5	7	13	25	–	–
HEXATOP®-E-KLSK	115	2	5	7	13	25	55	85
HEXATOP®-E-KLSK-G	115	–	5	7	13	25	–	–
EFM A4	116	–	5	8	15	26	–	–
ESM KLSK A4	116	–	3	6	11	20	–	–
HEXATOP®-E-KLSK A4	116	–	5	8	15	26	–	–

* Knurled blind rivet nuts are designed for use with less solid materials or in components with a dense surface coating.
For this reason, there are no general torque information. In individual cases, the test is carried out on the original component.

Axial tensile force

TEST-SETUP



The axial tensile force is determined with the testing device stipulated in DIN EN ISO 14589.
Unlike the blind rivet test, the nut is riveted into a steel washer. This is placed on the bush insert and the two parts of the device are screwed together.

The following conditions have validity during the test:

- Testing device in accordance with DIN EN ISO 14589
- Forming speed approx. 10 mm/min.
- Min. property class of the screw 8.8
- Direction of traction against the closing head of the nut

The **minimum values** maesured under the stipulated conditions until the nut fails. Failure are deemed to be the tearing out of the thread or the tearing off of the closing head of the nut.
The stated values are to be seen as being standard values for the design of the splice. In practical use, it is normally the case that there are deviating conditions of use which can result in changes being made to the type of failure and the forces. **We therefore generally recommend that a bearing test be carried out in certain individual cases.**

Axial tensile force - meassured values [Nm]

Thread dimensions / Type	Page	M 3	M 4	M 5	M 6	M 8	M 10	M 12
AFM	94	1500	2600	4300	6700	11000	17500	28000
AFM-G	94	–	2600	4300	6700	11000	17500	–
AFM-R	95	1300	2400	4000	6000	10500	17000	–
ASM	96	1500	2600	4300	6700	11000	17500	28000
ASM-G	96	–	–	4300	6700	11000	–	–
ASM-KLSK	97	–	2400	4000	6000	10500	–	–
ASM-R	97	–	2400	4000	6000	10500	17000	–
OPTO® AFM	98	–	3000	4200	6500	10500	–	–
OPTO® ASM	98	–	3000	4200	6500	10500	–	–
OPTO® SFM	99	–	5200	9500	15500	21500	–	–
OPTO® SSM	99	–	5200	9500	15500	21500	–	–
SFM	100	4000	5200	9500	16500	23500	37000	54000
SFM-G	100	–	–	9500	16500	23500	37000	–
SFM-R	101	–	5000	9000	13500	20000	28000	45000
SFM-PL	101	–	–	–	–	15000	27000	–
SSM	102	–	5200	9500	16500	23500	37000	–
SSM-G	102	–	–	9500	16500	23500	37000	–
SSM-R	102	–	5000	9000	15000	20000	28000	45000
SSM-KLSK	103	–	5000	9000	15000	20000	–	–
SSM-R-KLSK	103	4000	4800	8000	12000	18000	25000	40000
UNIVERSAL	104	–	6500	8000	11500	14500	22000	–
UNIVERSAL-R	104	–	6000	7500	10000	14000	17500	–
UNIVERSAL-R-G	104	–	6000	7500	10000	14000	–	–
FLATSERT	105	3000	6000	9500	13000	16000	19500	–
FLATSERT-R	105	–	5500	9000	12000	15000	–	–
HEXAFORM®-FK	106	–	5200	9500	16500	23500	37000	56000
HEXAFORM®-KLSK	106	3500	5000	9000	16000	23000	36500	55000
HEXAFORM®-KLSK-G	106/7	–	5200	9500	16500	23500	37000	–
HEXATOP®-FK	107	–	3800	6000	9500	12500	37000	–
HEXATOP®-KLSK	107	–	3800	6000	9500	12500	37000	–
EFM	108	4500	7000	11000	18000	27000	40000	57000
EFM-G	108	–	7000	11000	18000	27000	40000	–
EFM-R	109	4000	6500	10000	17000	25000	38000	–
ESM	110	–	7000	11000	16000	27000	40000	57000
ESM-R	110	3700	6500	10000	15000	25000	38000	–
ESM-KLSK	111	–	6500	10000	15000	25000	38000	–
ESM-KLSK-G	111	–	7000	11000	18000	27000	40000	–
ESM-KLSK-R	112	3500	6500	10000	15000	25000	38000	50000
UNIVERSAL	113	–	7000	11000	18000	27000	–	–
UNIVERSAL-R	113	–	6800	10000	14000	25000	37000	–
HEXATOP®-E-FK	114	4000	6500	10000	17000	27000	39000	–
HEXATOP®-E-FK-G	114	–	6500	10000	17000	27000	–	–
HEXATOP®-E-KLSK	115	3800	6000	9500	16000	26000	39000	55000
HEXATOP®-E-KLSK-G	115	–	6000	9500	16000	26000	–	–
EFM A4	116	–	7000	11000	18000	27000	–	–
ESM KLSK A4	116	–	6500	10000	15000	25000	–	–
HEXATOP®-E-KLSK A4	116	–	6500	10000	15000	25000	–	–

How to find the correct length of the shaft?
Length of shaft = size of component + shaft diameter

More than standard

Our long-term experience and modern manufactoring plants enables us to create individual custom made products to complete the standard range of this catalogue.

Challenge us - we develop and produce YOUR special blind rivet nut.

Professional and reliable.

Many expertises out of these projects have direct influence on the standard product range and support the continous improvement.

Blind rivet nut with adjustable grip range

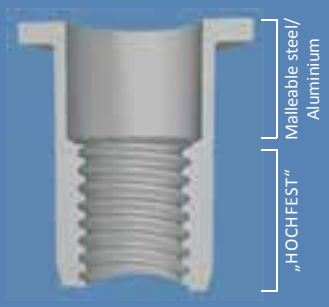
HONSEL provides the possibility to create an individual adjustable grip range according to customer special needs.
This version of blind rivet nuts and -bolts was created especially for brittle or soft plastic components.
Advantages:

- no pull-through
- no damage of assembly parts
- low turning forces while fixing

Pressure tight - blind rivet nut with sprayed seal

Based on the increasing demand of gas- and waterproofed fasteners with threads, HONSEL developed a closed end blind rivet nut with an additional seal made of automotive certified material that combined these requirements with the advantages of an economic and process secure machining.
The sprayed and embedded seal on the bottom of the head guarantees a much better form closure than conventional o-rings.
The hexagon shaft avoids any risk of rotation and offers higher clamping forces.
An additional large head with a great bearing allocates of the forces on soft materials equally.

HOCHFEST from HONSEL



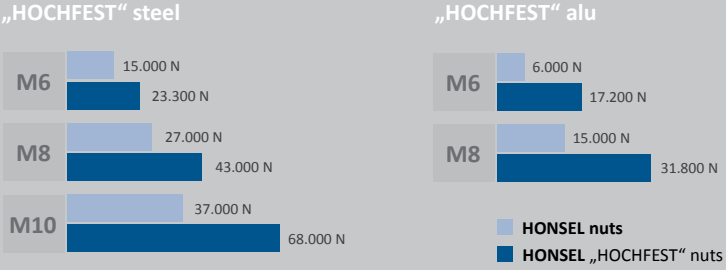
HONSEL's "HOCHFEST" technology enables the carrying capacity of the thread to be increased greatly. This facility ensures that when mechanical overload occurs, a 12.9 strength class screw ("HOCHFEST" steel) or an 8.8 strength class screw ("HOCHFEST" aluminium) fails much sooner than the **HONSEL** nut. This provides greater security in all applications where heightened mechanical specifications are required.

We supply the following embodiments
Shaft shapes::
- Fully and Partially hexagonal
- Round Shank
- Closed embodiments

Heads:
- Flat head
- Small countersunk head
- Countersunk head
- Large head

Advantages
- An alternative to welded and punched nuts
- Withstands high moments of torque
- Allows for smaller dimensions to be used
- Rational machining
- Saves on weight
- Correctly sorted recycling (especially in the case of aluminium)
- Resistant to corrosion

Test load (N)



2.1 Blind Rivet Nuts Aluminium

Aluminium

AFM

Flat Head . . . . . Round Shank . . open 94
Flat Head . . . . . Round Shank . . closed 94
Flat Head . . . . . Round Shank . . open/*knurled* 95

Aluminium

ASM

Countersunk Head . . . . . Round Shank . . open 96
Countersunk Head . . . . . Round Shank . . closed 96
Countersunk Head . . . . . Round Shank . . open/*knurled* 97
Small Countersunk Head . . Round Shank . . open 97

2.2 OPTO® Multigrip Blind Rivet Nuts

Aluminium

Flat Head . . . . . Round Shank . . open 98
Countersunk Head . . . . . Round Shank . . open 98

Steel

Flat Head . . . . . Round Shank . . open 99
Countersunk Head . . . . . Round Shank . . open 99

2.3 Blind Rivet Nuts Steel

Steel

SFM

Flat Head . . . . . Round Shank . . open 100
Flat Head . . . . . Round Shank . . closed 100
Flat Head . . . . . Round Shank . . open/*knurled* . . . 101

SFM-PL (Folding Blind Rivet Nut)

Flat Head . . . . . Round Shank . . open/*slotted* . . . 101

SSM

Countersunk Head . . . . . Round Shank . . open 102
Countersunk Head . . . . . Round Shank . . closed 102
Countersunk Head . . . . . Round Shank . . open/*knurled* . . . 102
Small Countersunk Head . . Round Shank . . open 103
Small Countersunk Head . . Round Shank . . open/*knurled* . . . 103

UNIVERSAL

Small Countersunk Head . . Round Shank . . open 104
Samll Countersunk Head . . Round Shank . . open/*knurled* . . . 104
Small Countersunk Head . . Round Shank . . closed/*knurled* . . 104

Steel

FLATSERT

Small Countersunk Head . . Round Shank . . open 105
Small Countersunk Head . . Round Shank . . open/*knurled* . . . 105

HEXAFORM®

Flat Head . . . . . Hexagonal Shank . . . . open 106
Small Countersunk Head . . Hexagonal Shank . . . . open 106
Small Countersunk Head . . Hexagonal Shank . . . . closed . 106/7

HEXATOP®

Flat Head . . . . . Partial Hexagonal S. . . open 107
Small Countersunk Head . . Partial Hexagonal S. . . open 107

Blind rivet nuts out of brass producible on request.

Please notice that we reserve the rigth to charge alloy surcharges according

2.4 Blind Rivet Nuts Stainless Steel A2

Stainless Steel

EFM

Flat Head . . . . . Round Shank . . open 108
Flat Head . . . . . Round Shank . . closed 108
Flat Head . . . . . Round Shank . . closed/*knurled* . . 109

ESM

Countersunk Head . . . . . Round Shank . . open 110
Countersunk Head . . . . . Round Shank . . open/*knurled* . . . 110
Small Countersunk Head . . Round Shank . . open 111
Small Countersunk Head . . Round Shank . . closed 111
Small Countersunk Head . . Round Shank . . open/*knurled* . . . 112

Stainless Steel

UNIVERSAL

Small Countersunk Head . . Round Shank . . open 113
Small Countersunk Head . . Round Shank . . open/*knurled* . . . 113

HEXATOP®

Flat Head . . . . . Partial Hexagonal S. . . open 114
Flat Head . . . . . Partial Hexagonal S. . . closed . . . 114
Small Countersunk Head . . Partial Hexagonal S. . . open 115
Small Countersunk Head . . Partial Hexagonal S. . . closed . . . 115

2.5 Blind Rivet Nuts Stainless Steel A4

Stainless Steel

EFM

Flat Head . . . . . Round Shank . . open 116

ESM

Small Countersunk Head . . Round Shank . . open 116

Stainless Steel

HEXATOP®

Flat Head . . . . . Partial Hexagonal S. . . open 116

2.6 Rivet Nut Captive Screw

Steel

Rincas

. 117

2.7 Nylon Blind Rivet Nut

Nylon

with thread insert made of brass 118

2.8 Neoprene Blind Rivet Nut

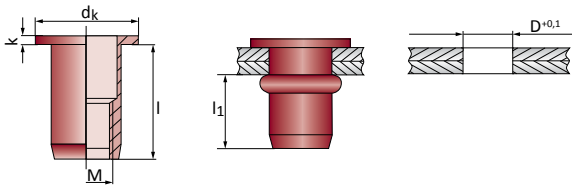
Neopren

Flat Head . . . . . Round Shank . . open 119

Blind Rivet Nut **AFM**
Series 10.**850**

Aluminium

> Flat Head
> Round Shank
> Open



EN AW - 5754 [AlMg3]

M		l	No.	
M3	0,3 - 1,0	7,5	10.850.030.100	500
	0,3 - 2,0	8,5	10.850.030.200	500
	2,0 - 3,5	12,0	10.850.030.350	500 NEW
D 5,0	**k** 0,8	d_k 7,0	l_1 **max.** 6,0	1 Nm / 1500 N
M4	0,5 - 3,0	11,0	10.850.040.300	500
	2,5 - 4,0	12,0	10.850.040.400	500
	3,0 - 5,0	14,0	10.850.040.500	500 NEW
D 6,0	**k** 0,8	d_k 10,0	l_1 **max.** 8,0	3 Nm / 2600 N
M5	0,5 - 3,0	12,0	10.850.050.300	500
	3,0 - 4,0	13,0	10.850.050.400	500
	2,5 - 4,5	14,5	10.850.050.450	500 NEW
	4,0 - 6,0	16,0	10.850.050.600	500 NEW
D 7,0	**k** 1,0	d_k 11,0	l_1 **max.** 9,0	4 Nm / 4300 N

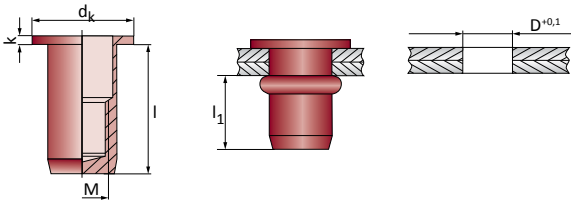
Note the OPTO®multigrip blind rivet nut on ▶ page 98.

M		l	No.	
M6	0,5 - 3,0	14,5	10.850.060.300	500
	3,0 - 4,5	16,0	10.850.060.450	500
D 9,0	**k** 1,5	d_k 13,0	l_1 **max.** 11,0	6 Nm / 6700 N
M8	0,5 - 3,0	17,0	10.850.080.300	500
	3,0 - 5,5	19,5	10.850.080.550	500
	5,5 - 7,5	21,5	10.850.080.750	500
D 11,0	**k** 1,5	d_k 16,0	l_1 **max.** 13,5	18 Nm / 11000 N
M10	0,5 - 3,0	17,0	10.850.100.300	250
	2,0 - 4,5	22,0	10.850.100.450	250
	3,0 - 6,0	26,0	10.850.100.600	250 NEW
D 13,0	**k** 2,0	d_k 19,0	l_1 **max.** 16,5	28 Nm / 17500 N
M12	1,0 - 4,0	26,0	10.850.120.400	250
	3,5 - 7,0	29,0	10.850.120.700	100
D 16,0	**k** 2,0	d_k 23,0	l_1 **max.** 18,5	45 Nm / 28000 N

Blind Rivet Nut **AFM-G**
Series 10.**854**

Aluminium

> Flat Head
> Round Shank
> Closed



EN AW - 5754 [AlMg3]

M		l	No.	
M4	0,3 - 2,0	22,0	10.854.040.200	500
	2,0 - 3,0	23,5	10.854.040.300	500
D 6,0	**k** 0,8	d_k 10,0	l_1 **max.** 13,5	3 Nm / 2600 N
M5	0,3 - 3,0	18,5	10.854.050.300	500
	3,0 - 4,0	19,5	10.854.050.400	500
D 7,0	**k** 1,0	d_k 11,0	l_1 **max.** 15,5	4 Nm / 4300 N
M6	0,5 - 3,0	22,0	10.854.060.300	500
	3,0 - 4,5	23,5	10.854.060.450	500
D 9,0	**k** 1,5	d_k 13,0	l_1 **max.** 18,5	6 Nm / 6700 N

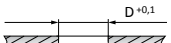
M		l	No.	
M8	0,5 - 3,0	26,5	10.854.080.300	250
	3,0 - 5,5	29,0	10.854.080.550	250
D 11,0	**k** 1,5	d_k 16,0	l_1 **max.** 23,0	18 Nm / 11000 N
M10	1,0 - 3,0	32,5	10.854.100.300	250
	3,0 - 4,5	34,0	10.854.100.450	250
D 13,0	**k** 2,0	d_k 19,0	l_1 **max.** 28,5	28 Nm / 17500 N

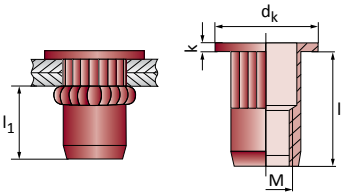
▶ Information about additional sealing possibilities for closed blind rivet nuts in chapter 1 on page 64.

You can use the classic brief description of our blind rivet nuts for your inquiries or orders:

Serial name:	AFM
+ Thread size:	M6
+ Maximum grip range:	3,0 mm
= Brief description:	**AFM 6-30**

EN AW - 5754 [AlMg3]





Aluminium

Flat Head <
Round Shank <
Open <
Knurled <

M		l	No.		
M3	0,5 - 2,5	8,0	10.863.030.250	500	NEW
D 5,0	**k** 0,8	**d_k** 7,0	**l_1 max. 4,5**	↕ 1300 N	
M4	0,5 - 3,0	10,0	10.863.040.300	500	NEW
	3,0 - 4,5	12,0	10.863.040.450	500	NEW
D 6,0	**k** 0,8	**d_k** 9,0	**l_1 max.6,0**	↕ 2400 N	
M5	0,5 - 3,0	12,0	10.863.050.300	500	NEW
	3,0 - 5,5	15,0	10.863.050.550	500	NEW
D 7,0	**k** 1,0	**d_k** 10,0	**l_1 max.** 7,0	↕ 4000 N	

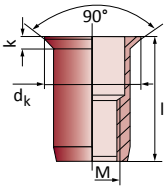
M		l	No.		
M6	0,5 - 3,0	13,5	10.863.060.300	500	NEW
	3,0 - 5,5	16,0	10.863.060.550	500	NEW
D 9,0	**k** 1,5	**d_k** 13,0	**l_1 max.** 8,5	↕ 6000 N	
M8	0,5 - 3,0	16,5	10.863.080.300	500	NEW
	3,0 - 5,5	18,5	10.863.080.550	500	NEW
D 11,0	**k** 1,5	**d_k** 15,0	**l_1 max.** 11,0	↕ 10500 N	
M10	0,5 - 3,0	18,5	10.863.100.300	250	NEW
	3,0 - 6,0	22,0	10.863.100.600	250	NEW
D 13,0	**k** 1,8	**d_k** 17,0	**l_1 max.** 16,0	↕ 17000 N	

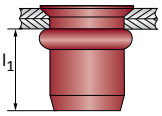
▶ All fasteners are available in other package sizes like big packs.

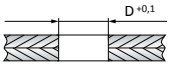
Blind Rivet Nut **ASM**
Series 10.**851**

Aluminium

> Countersunk Head
> Round Shank
> Open







EN AW - 5754 [AlMg3]

M		l	No.	
M3	1,5 - 3,5	11,0	10.851.030.350	500
D 5,0	**k** 1,5	d_k 7,3	l_1 **max.** 7,0	1 Nm / 1500 N
M4	1,5 - 3,5	11,5	10.851.040.350	500
	3,5 - 5,0	13,0	10.851.040.500	500
D 6,0	**k** 1,5	d_k 8,3	l_1 **max.** 8,0	3 Nm / 2600 N
M5	2,0 - 4,0	13,0	10.851.050.400	500
	3,5 - 5,5	14,5	10.851.050.550	500
D 7,0	**k** 1,5	d_k 9,3	l_1 **max.** 9,0	4 Nm / 4300 N
M6	1,5 - 4,5	16,0	10.851.060.450	500
	4,0 - 6,0	17,5	10.851.060.600	500
D 9,0	**k** 1,5	d_k 11,3	l_1 **max.** 11,0	6 Nm / 6700 N

NEW

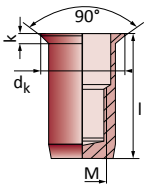
M		l	No.	
M8	1,5 - 4,5	18,5	10.851.080.450	500
	4,0 - 6,0	20,0	10.851.080.600	500
D 11,0	**k** 1,5	d_k 13,3	l_1 **max.** 13,5	18 Nm / 11000 N
M10	1,5 - 3,0	20,5	10.851.100.300	250
	3,0 - 4,5	22,0	10.851.100.450	250
	3,5 - 6,5	24,0	10.851.100.650	250
D 13,0	**k** 1,5	d_k 15,5	l_1 **max.** 16,5	28 Nm / 17500 N
M12	1,7 - 4,5	26,0	10.851.120.450	250
	4,0 - 7,5	29,0	10.851.120.750	200
D 16,0	**k** 1,9	d_k 19,0	l_1 **max.** 17,5	45 Nm / 28000 N

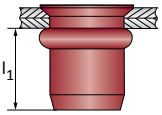
Note the OPTO® multigrip blind rivet nuts on ▶ page 98.

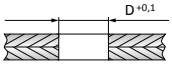
Blind Rivet Nut **ASM-G**
Series 10.**855**

Aluminium

> Countersunk Head
> Round Shank
> Closed







EN AW - 5754 [AlMg3]

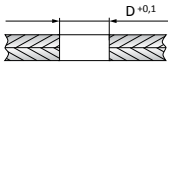
M		l	No.	
M5	1,5 - 4,0	19,5	10.855.050.400	500
D 7,0	**k** 1,5	d_k 9,3	l_1 **max.** 15,5	4 Nm / 4300 N
M6	1,5 - 4,5	23,5	10.855.060.450	500
D 9,0	**k** 1,5	d_k 11,3	l_1 **max.** 18,5	6 Nm / 6700 N

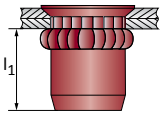
M		l	No.	
M8	1,5 - 4,5	28,0	10.855.080.450	500
	4,5 - 6,0	29,5	10.855.080.600	500
D 11,0	**k** 1,5	d_k 13,3	l_1 **max.** 23,0	18 Nm / 11000 N

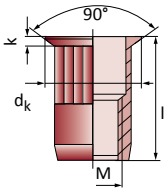
Blind Rivet Nut **ASM-R**

NEW Series 10.**864**

EN AW - 5754 [AlMg3]







Aluminium

Countersunk Head <
Round Shank <
Open <
Knurled <

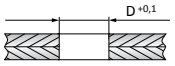
M		l	No.	
M4	1,5 - 4,0	11,0	10.864.040.400	500 NEW
	4,0 - 5,5	13,0	10.864.040.550	500 NEW
D 6,0	**k** 1,5	**d_k** 9,0	**l_1 max. 6,0**	2400 N
M5	1,5 - 4,0	14,0	10.864.050.400	500 NEW
	4,0 - 6,5	16,5	10.864.050.650	500 NEW
D 7,0	**k** 1,5	**d_k** 10,0	**l_1 max.** 8,0	4000 N

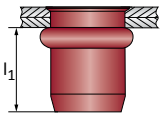
M		l	No.	
M6	1,5 - 4,0	15,0	10.864.060.400	500 NEW
	4,0 - 6,5	17,5	10.864.060.650	500 NEW
D 9,0	**k** 1,5	**d_k** 12,0	**l_1 max.** 9,0	6000 N
M8	1,5 - 4,0	16,5	10.864.080.400	500 NEW
	4,0 - 6,5	19,5	10.864.080.650	500 NEW
D 11,0	**k** 1,5	**d_k** 14,0	**l_1 max.** 10,0	10500 N
M10	2,0 - 4,5	19,0	10.864.100.450	250 NEW
	4,5 - 7,5	22,0	10.864.100.750	250 NEW
D 13,0	**k** 1,7	**d_k** 16,0	**l_1 max.** 11,0	17000 N

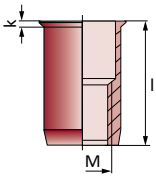
Blind Rivet Nut **ASM-KLSK**

Series 10.**851/10**

EN AW - 5754 [AlMg3]







Aluminium

Small Countersunk Head <
Round Shank <
Open <

M		l	No.		
M4	0,3 - 2,0	10,5	10.851.040.200/10		500
D 6,0	**k** 0,5	**d_k** 6,8	**l_1 max.** 6,5	2 Nm	2400 N
M5	0,5 - 3,0	11,5	10.821.050.300/10		500
D 7,0	**k** 0,5	**d_k** 8,0	**l_1 max.** 7,5	4 Nm	4000 N

M		l	No.		
M6	0,5 - 3,0	15,0	10.851.060.300/10		500
D 9,0	**k** 0,6	**d_k** 10,0	**l_1 max.** 9,0	6 Nm	6000 N
M8	0,5 - 3,0	15,5	10.851.080.300/10		500
D 10,0	**k** 0,6	**d_k** 12,0	**l_1 max.** 11,5	18 Nm	10500 N

OPTO® Multigrip Blind Rivet Nuts

ONE Blind Rivet Nut FOR ALL Grip Ranges

The Original

One blind rivet nut for all grip ranges. The innovative and patented development of the Honsel-Group was in 2007 the first mass-production multigrip blind rivet nut.
The product has a lot of advantages over the common standard types:

- no mixing of different grip ranges
- reduction of storrage and failure costs
- reduction of delivery times
- reduction of item diversity

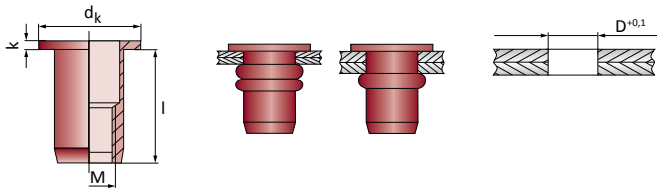
Closed end versions, size M10 or hexagonal shaft producible on request.

OPTO® Blind Rivet Nut AFM

Series 10.**894**

Aluminium

> Flat Head
> Round Shank
> Open



EN AW - 5754 [AlMg3]

M		l	No.	
M4	0,5 - 6,0	14,0	10.894.040.600	500
D 6,0	**k** 0,8	**d_k** 10,0	3 Nm	3000 N
M5	0,5 - 6,0	15,0	10.894.050.600	500
D 7,0	**k** 1,0	**d_k** 11,0	4 Nm	4200 N

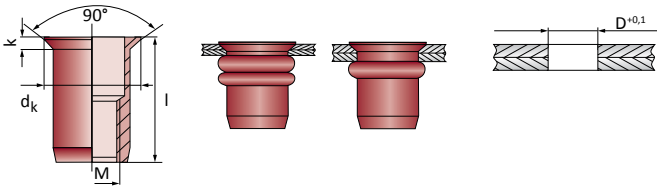
M		l	No.	
M6	0,5 - 6,0	17,5	10.894.060.600	500
D 9,0	**k** 1,5	**d_k** 13,0	6 Nm	6500 N
M8	0,5 - 7,5	21,5	10.894.080.750	500
D 11,0	**k** 1,5	**d_k** 16,0	18 Nm	10500 N

OPTO® Blind Rivet Nut ASM

Series 10.**894**

Aluminium

> Countersunk Head
> Round Shank
> Open



EN AW - 5754 [AlMg3]

M		l	No.	
M4	1,5 - 6,0	14,0	10.894.400.600	500
D 6,0	**k** 1,5	**d_k** 10,0	3 Nm	3000 N
M5	1,5 - 6,0	15,0	10.894.500.600	500
D 7,0	**k** 1,5	**d_k** 11,0	4 Nm	4200 N

M		l	No.	
M6	1,5 - 6,0	17,5	10.894.600.600	500
D 9,0	**k** 1,5	**d_k** 13,0	6 Nm	6500 N
M8	1,5 - 7,5	21,5	10.894.800.750	500
D 11,0	**k** 1,5	**d_k** 16,0	18 Nm	10500 N

OPTO® Multigrip Blind Rivet Nuts

Patented

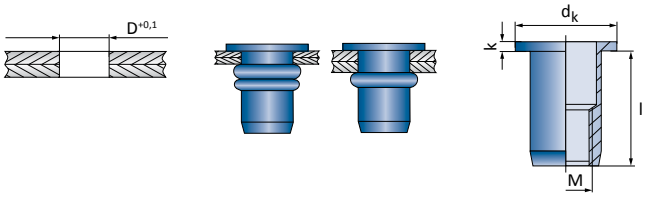
Small grip range | Medium grip range | Large grip range

For the perfect handling of OPTO® multigrip blind rivet nuts: The **strength controlled** pneumatic-hydraulic tool **VNG 703**. Details on ▶ page 206!

OPTO® Blind Rivet Nut **SFM**

Series 10.**895**

C4C [1.0303]



Steel

Flat Head <
Round Shank <
Open <

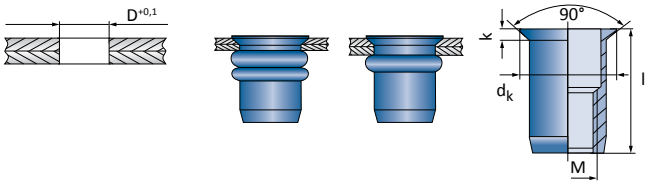
M		l	No.	
M4	0,5 - 6,0	14,0	10.895.040.600	500
D 6,0	**k** 0,8	d_k 10,0	4 Nm	5200 N
M5	0,5 - 6,0	15,0	10.895.050.600	500
D 7,0	**k** 1,0	d_k 11,0	6 Nm	9500 N

M		l	No.	
M6	0,5 - 6,0	17,5	10.895.060.600	500
D 9,0	**k** 1,5	d_k 13,0	11 Nm	15500 N
M8	0,5 - 7,5	21,5	10.895.080.750	500
D 11,0	**k** 1,5	d_k 16,0	24 Nm	21500 N

OPTO® Blind Rivet Nut **SSM**

Series 10.**895**

C4C [1.0303]



Steel

Countersunk Head <
Round Shank <
Open <

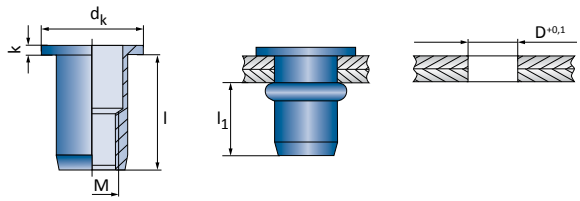
M		l	No.	
M4	1,5 - 6,0	14,0	10.895.400.600	500
D 6,0	**k** 1,5	d_k 10,0	4 Nm	5200 N
M5	1,5 - 6,0	15,0	10.895.500.600	500
D 7,0	**k** 1,5	d_k 11,0	6 Nm	9500 N

M		l	No.	
M6	1,5 - 6,0	17,5	10.895.600.600	500
D 9,0	**k** 1,5	d_k 13,0	11 Nm	15500 N
M8	1,5 - 7,5	21,5	10.895.800.750	500
D 11,0	**k** 1,5	d_k 16,0	24 Nm	21500 N

Blind Rivet Nut **SFM**
Series 10.**852**

Steel

> Flat Head
> Round Shank
> Open



C4C [1.0303]

M		l	No.		
M3	0,5 - 2,0	9,8	10.852.030.200		500 NEW
	2,0 - 3,5	11,5	10.852.030.350		500 NEW
D 5,0	**k** 0,8	**d_k** 7,0	**l_1 max.** 7,0	1,2 Nm	4000 N
M4	1,5 - 3,0	11,0	10.852.040.300		500
	2,0 - 4,0	12,0	10.852.040.400		500
	2,5 - 5,0	14,0	10.852.040.500		500 NEW
D 6,0	**k** 0,8	**d_k** 10,0	**l_1 max.** 8,0	4 Nm	5200 N
M5	0,5 - 3,0	12,0	10.852.050.300		500
	3,0 - 5,0	15,0	10.852.050.500		500
D 7,0	**k** 1,0	**d_k** 11,0	**l_1 max.** 9,0	6 Nm	9500 N
M6	0,5 - 3,0	14,5	10.852.060.300		500
	3,0 - 5,0	16,0	10.852.060.500		500
	4,5 - 6,0	17,5	10.852.060.600		500
D 9,0	**k** 1,5	**d_k** 13,0	**l_1 max.** 11,0	11 Nm	16500 N

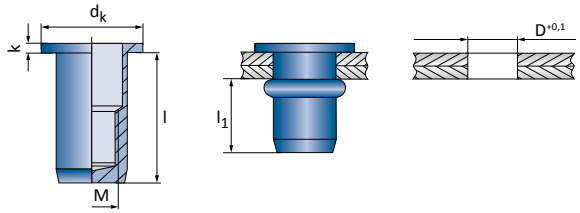
M		l	No.		
M8	0,5 - 3,0	17,0	10.852.080.300		250
	3,0 - 5,5	19,5	10.852.080.550		250
	5,5 - 7,5	21,5	10.852.080.750		250
	7,0 - 9,0	24,5	10.852.080.900		250 NEW
D 11,0	**k** 1,5	**d_k** 16,0	**l_1 max.** 13,5	24 Nm	23500 N
M10	1,0 - 3,0	20,5	10.852.100.300		250
	3,0 - 4,5	22,0	10.852.100.450		250
	3,5 - 6,0	23,5	10.852.100.600		250
D 13,0	**k** 2,0	**d_k** 19,0	**l_1 max.** 16,5	50 Nm	37000 N
M12	1,0 - 4,0	25,0	10.852.120.400		100
	3,5 - 7,0	30,0	10.852.120.700		100
D 16,0	**k** 2,0	**d_k** 23,0	**l_1 max.** 16,5	82 Nm	54000 N

Note the OPTO® multigrip blind rivet nuts on the ▶ page 99.

Blind Rivet Nut **SFM-G**
Series 10.**856**

Steel

> Flat Head
> Round Shank
> Closed



C4C [1.0303]

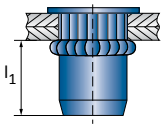
M		l	No.		
M5	0,5 - 3,0	18,5	10.856.050.300		500
	3,0 - 5,5	21,0	10.856.050.550		500
D 7,0	**k** 1,0	**d_k** 11,0	**l_1 max.** 15,5	6 Nm	9500 N
M6	0,5 - 3,0	22,5	10.856.060.300		500
D 9,0	**k** 1,2	**d_k** 12,0	**l_1 max.** 16,0	11 Nm	16500 N

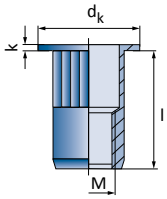
M		l	No.		
M8	0,5 - 3,5	26,5	10.856.080.350		250
	3,5 - 6,0	29,5	10.856.080.600		250
D 11,0	**k** 1,3	**d_k** 14,0	**l_1 max.** 17,5	24 Nm	23500 N
M10	1,0 - 3,0	33,0	10.856.100.300		250
D 13,0	**k** 2,0	**d_k** 19,0	**l_1 max.** 28,5	50 Nm	37000 N

Blind Rivet Nut **SFM-R**

Series 10.**842**

C4C [1.0303]





Steel

Flat Head <
Round Shank <
Open <
Knurled <

M		l	No.	
M4	0,5 - 2,5	9,5	10.842.040.250	500
	2,5 - 4,5	13,8	10.842.040.450	500
D 6,0	**k** 0,8	d_k 9,0	l_1 **max.** 8,0	5000 N
M5	0,5 - 3,0	12,0	10.842.050.300	500
	2,5 - 5,0	15,0	10.842.050.500	500
D 7,0	**k** 1,0	d_k 10,0	l_1 **max.** 9,0	9000 N
M6	0,5 - 3,0	14,5	10.842.060.300	500
	3,5 - 5,5	19,0	10.842.060.550	500
D 9,0	**k** 1,5	d_k 13,0	l_1 **max.** 11,0	13500 N

NEW

M		l	No.	
M8	0,5 - 3,0	16,0	10.842.080.300	250
	3,0 - 5,5	18,5	10.842.080.550	250
D 11,0	**k** 1,5	d_k 16,0	l_1 **max.** 13,5	20000 N
M10	1,0 - 3,0	22,5	10.842.100.300	250
	3,0 - 4,5	24,0	10.842.100.450	250
D 13,0	**k** 2,0	d_k 19,0	l_1 **max.** 16,5	28000 N
M12	1,0 - 4,0	27,0	10.842.120.400	100
D 16,0	**k** 2,0	d_k 23,0	l_1 **max.** 18,5	45000 N

NEW

NEW

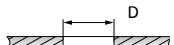
NEW

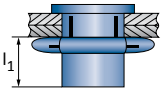
SFM

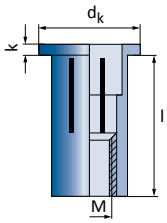
Folding Blind Rivet Nut **SFM-PL**

Series 10.**816**

C4C [1.0303]







Steel

Flat Head <
Round Shank <
Open <
Slotted <

M			l	No.	
M6	0,5 - 7,1	10,0 - 10,15	25,8 -0,8	10.816.060.710	500
D 9,8 -0,45	**k** 1,6 -0,25	d_k 16,4 -0,1	l_1 **max.** 11,7	12 Nm	15000 N
M8	0,5 - 7,1	12,7 - 12,85	29,6 -1,0	10.816.080.710	250
D 12,6 -0,1	**k** 1,7 -0,25	d_k 19,6 -0,8	l_1 **max.** 13,6	21 Nm	27000 N

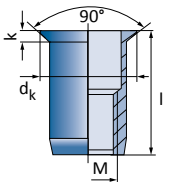
SFM-PL folding blind rivet nuts are constructed for those applications where a **high pull-out strength** is requested. The slotted shaft makes the rivet nut split into four straps with a **wide contact surface** that guarantee an **equal distribution of forces** especially on plastics and other vulnerable materials.
Furthermore this type offers a **very big grip range**!
SFM-PL folding blind rivet nuts are for example used in all fields of vehicle manufacturing.

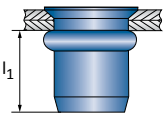
For handling SFM-PL blind rivet nuts a **big stroke** is necessary.
HONSEL/VVG offer the special pneumatic-hydraulic tool **VNG 753** for this application.
For details please ask our sales team and take a look on ▶ page 210.

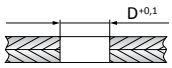
Blind Rivet Nut **SSM**
Series 10.**853**

Steel

> Countersunk Head
> Round Shank
> Open







C4C [1.0303]

M		l	No.	
M4	1,5 - 3,5	11,5	10.853.040.350	500
	3,0 - 5,0	13,0	10.853.040.500	500
D 6,0	**k** 1,5	d_k 8,3	l_1 **max.** 8,0	4 Nm / 5200 N
M5	1,5 - 4,0	13,0	10.853.050.400	500
	4,0 - 5,5	14,5	10.853.050.550	500
D 7,0	**k** 1,5	d_k 9,3	l_1 **max.** 9,0	6 Nm / 9500 N
M6	1,5 - 4,5	16,0	10.853.060.450	500
	4,5 - 6,0	17,5	10.853.060.600	500
D 9,0	**k** 1,5	d_k 11,3	l_1 **max.** 11,0	11 Nm / 16500 N

NEW

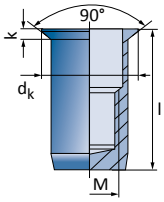
M		l	No.	
M8	1,5 - 4,5	18,5	10.853.080.450	250
	4,5 - 6,0	20,0	10.853.080.600	250
D 11,0	**k** 1,5	d_k 13,3	l_1 **max.** 13,5	24 Nm / 23500 N
M10	1,5 - 4,5	22,0	10.853.100.450[1]	250
	4,0 - 6,0	25,0	10.853.100.600[1]	250
	6,0 - 9,0	28,0	10.853.100.900[2]	250
D 13,0	**k** 1,5	d_k [1]14,9/[2]15,7	l_1 **max.** 16,5	50 Nm / 37000 N

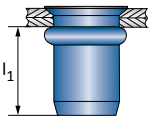
Note the OPTO® multigrip blind rivet nuts on the ▶ page 99.

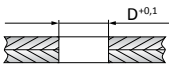
Blind Rivet Nut **SSM-G**
Series 10.**857**

Steel

> Countersunk Head
> Round Shank
> Closed







C4C [1.0303]

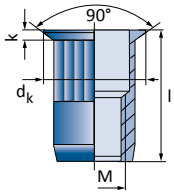
M		l	No.	
M5	1,5 - 4,0	19,5	10.857.050.400	500
D 7,0	**k** 1,5	d_k 9,3	l_1 **max.** 15,5	6 Nm / 9500 N
M6	1,5 - 4,5	23,5	10.857.060.450	500
	4,5 - 6,0	25,0	10.857.060.600	500
D 9,0	**k** 1,5	d_k 11,3	l_1 **max.** 18,5	11 Nm / 16500 N

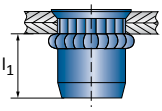
M		l	No.	
M8	1,5 - 4,5	28,0	10.857.080.450	250
	4,5 - 6,0	29,5	10.857.080.600	250
D 11,0	**k** 1,5	d_k 13,3	l_1 **max.** 23,0	24 Nm / 23500 N
M10	1,5 - 3,0	30,5	10.857.100.300	250
D 13,0	**k** 1,5	d_k 14,9	l_1 **max.** 28,5	50 Nm / 37000 N

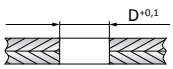
Blind Rivet Nut **SSM-R**
Series 10.**845**

Steel

> Countersunk Head
> Round Shank
> Open, Knurled





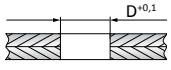


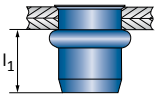
C4C [1.0303]

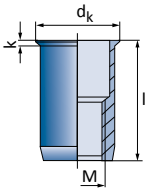
M		l	No.	
M4	1,5 - 3,5	11,5	10.845.040.350	500
	3,0 - 5,0	13,0	10.845.040.500	500
D 6,0	**k** 1,5	d_k [1]8,3/[2]9,0	l_1 **max.** 8,0	5000 N
M5	1,5 - 4,0	13,5	10.845.050.400	500
	4,0 - 6,0	15,0	10.845.050.600	500
D 7,0	**k** 1,5	d_k 9,3	l_1 **max.** 9,0	9000 N
M6	1,5 - 4,5	16,0	10.845.060.450	500
	4,5 - 6,5	19,0	10.845.060.650	500
D 9,0	**k** 1,5	d_k 11,3	l_1 **max.** 11,0	15000 N

M		l	No.	
M8	1,5 - 4,5	19,0	10.845.080.450	500
	3,5 - 6,5	21,0	10.845.080.650	500
D 11,0	**k** 1,5	d_k 13,3	l_1 **max.** 13,5	20000 N
M10	1,5 - 4,5	22,0	10.845.100.450	250
	3,5 - 6,5	25,0	10.845.100.650	250
D 13,0	**k** 1,6	d_k 15,7	l_1 **max.** 14,5	28000 N
M12	1,7 - 4,5	26,0	10.845.120.450	100
	4,0 - 7,5	29,0	10.845.120.750	100
D 16,0	**k** 1,9	d_k 19,0	l_1 **max.** 17,5	45000 N

Blind Rivet Nut **SSM-KLSK**
Series 10.**841**







Steel

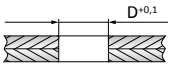
Small Countersunk Head <
Round Shank <
Open <

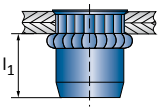
C4C [1.0303]

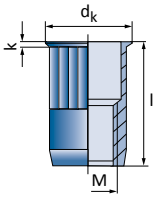
M		l	No.	
M4	0,5 - 2,0	10,0	10.841.040.200	500
D 6,0	k 0,5	d_k 7,0	l_1 max. 8,0	3 Nm / 5000 N
M5	0,5 - 3,0	12,0	10.841.050.300	500
D 7,0	k 0,5	d_k 8,0	l_1 max. 9,0	5 Nm / 9000 N

M		l	No.	
M6	0,5 - 3,0	15,0	10.841.060.300	500
D 9,0	k 0,5	d_k 10,0	l_1 max. 14,5	10 Nm / 15000 N
M8	0,5 - 3,0	16,0	10.841.080.300	500
D 11,0	k 0,5	d_k 12,0	l_1 max. 16,0	20 Nm / 20000 N

Blind Rivet Nut **SSM-R-KLSK**
Series 10.**843**







Steel

Small Countersunk Head <
Round Shank <
Open <
knurled <

C4C [1.0303]

M		l	No.		
M3	0,3 - 1,5	8,5	10.843.030.150	500	
	1,0 - 3,5	10,5	10.843.030.350	500	NEW
D 5,0	k 0,4	d_k 6,0	l_1 max. 5,5	4000 N	
M4	1,0 - 2,0	10,0	10.843.040.200	500	
	2,0 - 4,0	12,0	10.843.040.400	500	NEW
D 6,0	k 0,4	d_k 7,0	l_1 max. 8,0	4800 N	
M5	0,5 - 3,0	12,0	10.843.050.300	500	
	2,5 - 4,5	13,0	10.843.050.450	500	
D 7,0	k 0,5	d_k 8,0	l_1 max. 9,0	8000 N	

M		l	No.	
M6	0,5 - 3,0	13,5	10.843.060.300	500
	3,5 - 6,0	17,5	10.843.060.600	500
D 9,0	k 0,5	d_k 10,0	l_1 max. 14,5	12000 N
M8	0,7 - 4,0	16,0	10.843.080.400	500
	3,5 - 6,0	18,0	10.843.080.600	500
D 11,0	k 0,5	d_k 12,0	l_1 max. 16,0	18000 N
M10	1,5 - 4,5	21,5	10.843.100.450	250
	3,0 - 6,0	23,0	10.843.100.600	250
D 13,0	k 0,5	d_k 14,0	l_1 max. 18,5	25000 N
M12	1,0 - 4,0	24,0	10.843.120.400	100
D 16,0	k 0,6	d_k 17,0	l_1 max. 20,0	40000 N

Please note our manifold range of **assortments and small packs** on page 148 - 157!

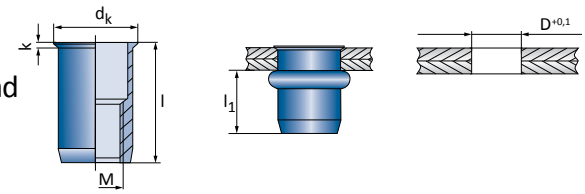
You can use the classic brief description of our blind rivet nuts for your inquiries or orders:

Serial name:	SSM-G
+ Thread size:	M5
+ Maximum grip range:	4,0 mm
= Brief description:	**SSM 5-40 G**

Blind Rivet Nut **UNIVERSAL**
Series 10.**870**

Steel

> Small Countersunk Head
> Round Shank
> Open



C4C [1.0303]

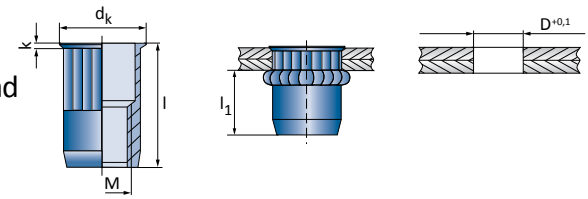
M		l	No.	
M4	0,5 - 3,0	10,5	10.870.400.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 7,0	3 Nm / 6500 N
M5	0,5 - 3,0	11,5	10.870.500.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 8,0	5 Nm / 8000 N
M6	0,5 - 3,0	13,0	10.870.600.000	500
D 8,0	**k** 0,4	d_k 9,0	l_1 **max.** 10,0	10 Nm / 11500 N

M		l	No.	
M8	0,5 - 3,0	15,5	10.870.800.000	500
D 10,0	**k** 0,4	d_k 11,0	l_1 **max.** 11,5	20 Nm / 14500 N
M10	0,5 - 3,0	17,5	10.870.100.000	250
D 12,0	**k** 0,4	d_k 13,0	l_1 **max.** 13,0	40 Nm / 22000 N

Blind Rivet Nut **UNIVERSAL-R**
Series 10.**871**

Steel

> Small Countersunk Head
> Round Shank
> Open
> Knurled



C4C [1.0303]

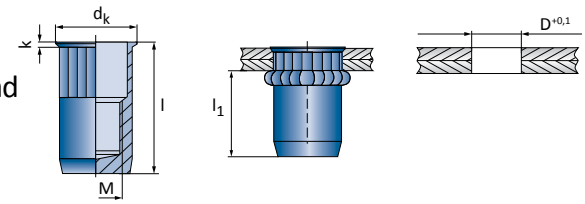
M		l	No.	
M4	0,5 - 3,0	10,5	10.871.400.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 7,0	6000 N
M5	0,5 - 3,0	11,5	10.871.500.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 8,0	7500 N
M6	0,5 - 3,0	13,0	10.871.600.000	500
D 8,0	**k** 0,4	d_k 9,0	l_1 **max.** 10,0	10000 N

M		l	No.	
M8	0,5 - 3,0	15,5	10.871.800.000	500
D 10,0	**k** 0,4	d_k 11,5	l_1 **max.** 11,5	14000 N
M10	0,5 - 3,0	17,5	10.871.100.000	250
D 12,0	**k** 0,4	d_k 13,0	l_1 **max.** 13,0	17500 N

Blind Rivet Nut **UNIVERSAL-R-G**
Series 10.**872**

Steel

> Small Countersunk Head
> Round Shank
> Closed
> Knurled



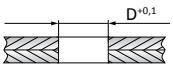
C4C [1.0303]

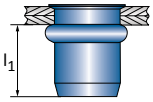
M		l	No.	
M4	0,5 - 2,5	16,5	10.872.400.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 13,0	6000 N
M5	0,5 - 2,5	18,5	10.872.500.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 14,5	7500 N

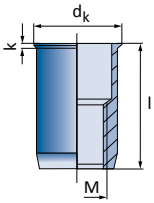
M		l	No.	
M6	0,5 - 3,0	20,5	10.872.600.000	500
D 8,0	**k** 0,4	d_k 9,0	l_1 **max.** 16,0	10000 N
M8	0,5 - 3,0	22,5	10.872.800.000	250
D 10,0	**k** 0,4	d_k 11,5	l_1 **max.** 19,0	14000 N

NEW

Blind Rivet Nut **FLATSERT**
Series 10.**874**







Steel

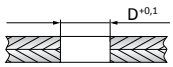
Small Countersunk Head <
Round Shank <
Open <

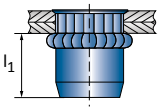
C4C [1.0303]

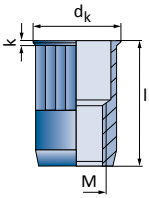
M		l	No.	
M3	0,5 - 2,0	8,7	10.874.300.000	500
D 4,9	**k** 0,3	d_k 5,3	l_1 **max.** 6,0	2 Nm / 3000 N
M4	0,5 - 2,0	10,4	10.874.400.000	500
D 6,4	**k** 0,4	d_k 7,2	l_1 **max.** 8,0	3 Nm / 6000 N
M5	0,5 - 3,2	12,0	10.874.500.000	500
D 7,2	**k** 0,5	d_k 8,1	l_1 **max.** 9,0	5 Nm / 9500 N

M		l	No.	
M6	0,8 - 4,0	15,0	10.874.600.000	500
D 9,6	**k** 0,5	d_k 10,5	l_1 **max.** 11,0	10 Nm / 13000 N
M8	1,0 - 4,0	16,0	10.874.800.000	500
D 10,6	**k** 0,6	d_k 11,5	l_1 **max.** 13,5	20 Nm / 16000 N
M10	1,0 - 5,0	22,5	10.874.100.000	250
D 12,7	**k** 0,6	d_k 13,9	l_1 **max.** 16,5	40 Nm / 19500 N

Blind Rivet Nut **FLATSERT-R**
Series 10.**844**







Steel

Small Countersunk Head <
Round Shank <
Open <
Knurled <

C4C [1.0303]

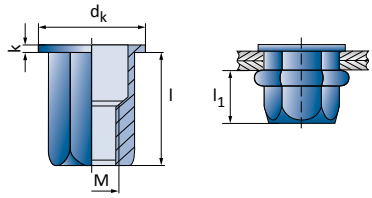
M		l	No.	
M4	0,5 - 2,0	10,0	10.844.400.000	500
D 6,4	**k** 0,4	d_k 7,2	l_1 **max.** 8,0	5500 N
M5	0,5 - 3,2	12,0	10.844.500.000	500
D 7,2	**k** 0,5	d_k 8,1	l_1 **max.** 9,0	9000 N

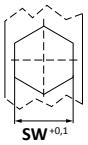
M		l	No.	
M6	0,7 - 3,2	15,0	10.844.600.000	500
D 9,6	**k** 0,5	d_k 10,4	l_1 **max.** 11,0	12000 N
M8	0,7 - 4,0	16,0	10.844.800.000	500
D 10,6	**k** 0,5	d_k 11,5	l_1 **max.** 13,5	15000 N

Blind Rivet Nut **HEXAFORM® FK**
Series 10.**868**

Steel

> Flat Head
> Hexagonal Shank
> Open





C4C [1.0303]

M		l	No.		
M4	0,5 - 2,0	10,0	10.868.040.200		500
SW 6,0	**k** 1,0	**d_k** 9,0	**l_1 max.** 7,5	5 Nm	5200 N
M5	0,5 - 3,0	12,5	10.868.500.000		500
SW 7,0	**k** 1,0	**d_k** 10,0	**l_1 max.** 8,5	7 Nm	9500 N
M6	0,5 - 3,0	14,5	10.868.600.000		500
	3,0 - 5,5	17,0	10.868.060.550		500
SW 9,0	**k** 1,5	**d_k** 13,0	**l_1 max.** 10,5	13 Nm	16500 N

NEW

M		l	No.		
M8	0,5 - 3,0	17,5	10.868.800.000		250
	3,0 - 6,0	20,5	10.868.080.600		250
SW 11,0	**k** 1,5	**d_k** 15,0|16,0	**l_1 max.** 13,0	25 Nm	23500 N
M10	1,0 - 4,5	22,0	10.868.100.450		250
SW 13,0	**k** 2,0	**d_k** 19,0	**l_1 max.** 16,5	55 Nm	37000 N
M12	1,5 - 5,0	25,0	10.868.120.500		100
SW 16,0	**k** 2,0	**d_k** 23,0	**l_1 max.** 19,0	85 Nm	56000 N

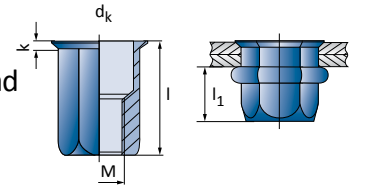
NEW

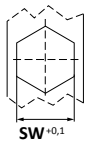
NEW

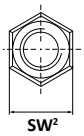
Blind Rivet Nut **HEXAFORM® KLSK**
Series 10.**892**

Steel

> Small Countersunk Head
> Hexagonal Shank
> Open







C4C [1.0303]

M		l	No.		
M3	2,0 - 3,0	9,7	10.892.030.250		500
SW 5,0	**SW²** 6,0	**k** 0,5	**l_1 max.** 4,5	1,2 Nm	3500 N
M4	0,6 - 2,0	11,0	10.892.040.200		500
SW 6,0	**SW²** 6,6	**k** 0,6	**l_1 max.** 7,5	5 Nm	5000 N
M5	0,5 - 3,0	13,5	10.892.050.300		500
SW 7,0	**SW²** 7,7	**k** 0,7	**l_1 max.** 8,5	7 Nm	9000 N
M6	0,8 - 3,0	15,5	10.892.060.300		500
	3,0 - 5,5	18,0	10.892.060.550		500
SW 9,0	**SW²** 9,8	**k** 0,8	**l_1 max.** 10,5	13 Nm	16000 N

NEW

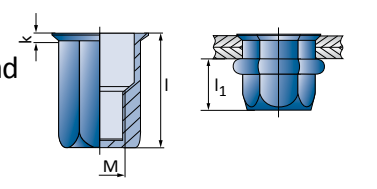
M		l	No.		
M8	0,8 - 3,0	18,5	10.892.080.300		250
	3,0 - 6,0	21,5	10.892.080.600		250
SW 11,0	**SW²** 11,8	**k** 0,8	**l_1 max.** 13,0	25 Nm	23000 N
M10	1,0 - 3,5	22,5	10.892.100.350		250
	3,0 - 6,0	23,5	10.892.100.600		250
SW 13,0	**SW²** 14,3	**k** 0,9	**l_1 max.** 16,5	55 Nm	36500 N
M12	1,0 - 4,0	24,5	10.892.120.400		100
SW 16,0	**SW²** 17,3	**k** 0,9	**l_1 max.** 17,5	85 Nm	55000 N

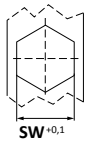
NEW

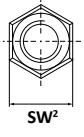
Blind Rivet Nut **HEXAFORM® KLSK-G**
Series 10.**887**

Steel

> Small Countersunk Head
> Hexagonal Shank
> Closed







C4C [1.0303]

▶ Data at the top of the following page.

M		l	No.	
M4	0,5 - 2,5	16,0	10.887.040.250	500
SW 6,0	**SW²** 6,6	**k** 0,5	**l_1 max.** 10,0	5 Nm	5200 N
M5	0,5 - 3,0	20,0	10.887.050.300	500
SW 7,0	**SW²** 7,7	**k** 0,6	**l_1 max.** 12,5	7 Nm	9500 N
M6	0,5 - 3,0	22,0	10.887.060.300	500
SW 9,0	**SW²** 9,8	**k** 0,7	**l_1 max.** 16,0	13 Nm	16500 N

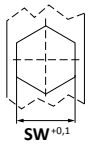
M		l	No.	
M8	0,5 - 3,5	25,5	10.887.080.350	250
	3,0 - 6,0	28,0	10.887.080.600	250 NEW
SW 11,0	**SW²** 11,8	**k** 0,7	**l_1 max.** 17,5	25 Nm	23500 N
M10	1,0 - 3,5	28,0	10.887.100.350	250 NEW
SW 13,0	**SW²** 14,3	**k** 0,9	**l_1 max.** 20,0	55 Nm	37000 N

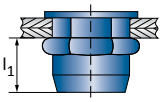
HEXATOP®

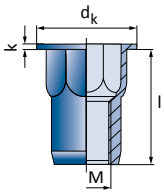
Blind Rivet Nut **HEXATOP® FK**
Series 10.**867**

Steel

Flat Head <
Partial Hexagonal Shank <
Open <







C4C [1.0303]

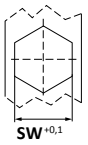
M		l	No.	
M4	0,5 - 2,0	10,0	10.867.400.000	500
SW 6,3	**k** 0,6	**d_k** 8,0	**l_1 max.** 7,5	4 Nm	3800 N
M5	0,5 - 3,0	12,5	10.867.500.000	500
SW 7,2	**k** 0,7	**d_k** 9,0	**l_1 max.** 9,0	6 Nm	6000 N
M6	0,5 - 3,0	14,5	10.867.600.000	500
SW 9,6	**k** 0,8	**d_k** 12,0	**l_1 max.** 11,5	11 Nm	9500 N

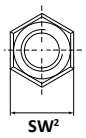
M		l	No.	
M8	0,5 - 3,0	17,5	10.867.800.000	500
SW 10,6	**k** 0,8	**d_k** 13,0	**l_1 max.** 14,0	24 Nm	12500 N
M10	0,5 - 3,0	19,0	10.867.100.000	250 NEW
SW 12,7	**k** 2,0	**d_k** 16,5	**l_1 max.** 16,0	50 Nm	37000 N

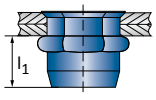
Blind Rivet Nut **HEXATOP® KLSK**
Series 10.**893**

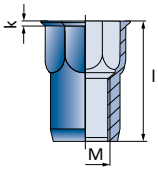
Steel

Small Countersunk Head <
Partial Hexagonal Shank <
Open <









C4C [1.0303]

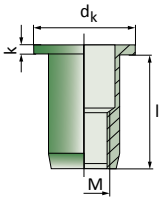
M		l	No.	
M4	0,5 - 2,0	10,0	10.893.040.200	500
SW 6,3	**SW²** 7,0	**k** 0,4	**l_1 max.** 7,5	4 Nm	3800 N
M5	0,6 - 3,0	12,5	10.893.050.300	500
SW 7,2	**SW²** 8,0	**k** 0,5	**l_1 max.** 9,0	6 Nm	6000 N
M6	0,5 - 3,0	15,5	10.893.060.300	500
	1,5 - 4,0	15,5	10.893.060.400	500 NEW
SW 9,6	**SW²** 10,5	**k** 0,5	**l_1 max.** 11,5	11 Nm	9500 N

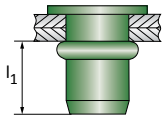
M		l	No.	
M8	0,5 - 3,0	18,0	10.893.080.300	250
SW 10,6	**SW²** 11,5	**k** 0,6	**l_1 max.** 14,0	24 Nm	12500 N
M10	1,0 - 4,0	22,5	10.893.100.400	250
SW 12,7	**SW²** 14,4	**k** 0,8	**l_1 max.** 16,0	50 Nm	37000 N

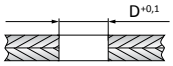
Blind Rivet Nut **EFM**
Series 10.**858**

Stainless Steel A2

> Flat Head
> Round Shank
> Open







[1.4567]

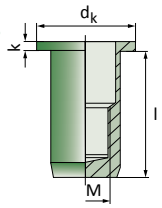
M		l	No.		
M3	0,5 - 2,0	9,0	10.858.030.200		500
D 5,0	k 0,8	d_k 8,0	l_1 max. 7,0	2 Nm	4500 N
M4	0,5 - 2,5	11,0	10.858.040.250		500
	2,5 - 4,0	12,5	10.858.040.400		500 NEW
D 6,0	k 1,0	d_k 9,0	l_1 max. 8,0	4 Nm	7000 N
M5	0,5 - 3,0	12,0	10.858.050.300		500
	3,0 - 4,5	13,5	10.858.050.450		500 NEW
D 7,0	k 1,5	d_k 10,0	l_1 max. 8,5	6 Nm	11000 N
M6	0,5 - 3,0	14,0	10.858.060.300		500
	3,0 - 5,0	16,0	10.858.060.500		500 NEW
D 9,0	k 1,5	d_k 12,0	l_1 max. 10,0	11 Nm	18000 N

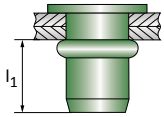
M		l	No.		
M8	0,5 - 3,0	16,0	10.858.080.300		500
	3,0 - 5,5	18,5	10.858.080.550		250
D 11,0	k 1,5	d_k 15,0	l_1 max. 11,5	24 Nm	27000 N
M10	1,0 - 3,5	19,0	10.858.100.350		250
D 13,0	k 2,0	d_k 17,0	l_1 max. 14,0	50 Nm	40000 N
M12	1,0 - 4,0	26,0	10.858.120.400		100
D 16,0	k 2,0	d_k 23,0	l_1 max. 16,5	85 Nm	57000 N

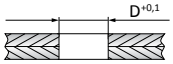
Blind Rivet Nut **EFM-G**
Series 10.**860**

Stainless Steel A2

> Flat Head
> Round Shank
> Closed







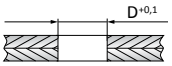
[1.4567]

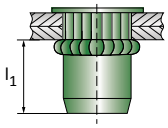
M		l	No.		
M4	0,5 - 2,5	16,0	10.860.040.250		500
D 6,0	k 1,0	d_k 9,0	l_1 max. 13,0	4 Nm	7000 N
M5	0,5 - 3,0	18,0	10.860.050.300		500
D 7,0	k 1,0	d_k 10,0	l_1 max. 14,5	6 Nm	11000 N
M6	0,5 - 3,0	21,0	10.860.060.300		500
D 9,0	k 1,5	d_k 12,0	l_1 max. 16,0	11 Nm	18000 N

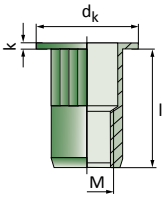
M		l	No.		
M8	0,5 - 3,0	23,5	10.860.080.300		250
D 11,0	k 1,5	d_k 15,0	l_1 max. 19,0	24 Nm	27000 N
M10	1,0 - 3,5	26,5	10.860.100.350		100 NEW
D 13,0	k 2,0	d_k 17,0	l_1 max. 21,0	50 Nm	40000 N

Larger grip ranges, closed end versions or threads measured in inches?
A large number of products not included in this catalogue are available from stock. Ask for minimum quantities for production of blind rivet nuts according to your specification.

[1.4567]







Stainless Steel A2

Flat Head <
Round Shank <
Open <
Knurled <

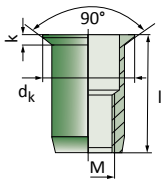
M		l	No.	
M3	0,5 - 2,0	9,0	10.848.030.200	500
	2,0 - 3,5	9,0	10.848.030.350	500 NEW
D 5,0	**k** 0,8	d_k 8,0	l_1 **max.** 7,0	4000 N
M4	0,5 - 2,5	11,0	10.848.040.250	500
	2,5 - 4,0	12,5	10.848.040.400	500 NEW
D 6,0	**k** 0,8	d_k 9,0	l_1 **max.** 8,0	6500 N
M5	0,5 - 3,0	12,0	10.848.050.300	500
	3,0 - 4,5	13,5	10.848.050.450	500 NEW
D 7,0	**k** 1,0	d_k 10,0	l_1 **max.** 8,5	10000 N

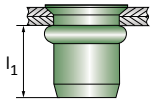
M		l	No.	
M6	0,5 - 3,0	14,0	10.848.060.300	500
	3,0 - 5,0	16,0	10.848.060.500	500
D 9,0	**k** 1,5	d_k 12,0	l_1 **max.** 10,0	17000 N
M8	0,5 - 3,0	16,0	10.848.080.300	500
	3,0 - 5,5	18,5	10.848.080.550	250
D 11,0	**k** 1,5	d_k 15,0	l_1 **max.** 12,0	25000 N
M10	1,0 - 3,5	19,0	10.848.100.350	250
	3,5 - 6,0	21,5	10.848.100.600	250 NEW
D 13,0	**k** 2,0	d_k 17,0	l_1 **max.** 14,0	38000 N

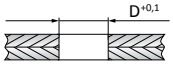
Blind Rivet Nut **ESM**
Series 10.**859**

Stainless Steel A2

> Countersunk Head
> Round Shank
> Open







[1.4567]

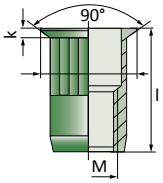
M		l	No.	
M4	1,5 - 4,0	12,0	10.859.040.400	500
D 6,0	k 1,5	d_k 9,0	l_1 max. 8,0	4 Nm / 7000 N
M5	1,5 - 4,5	13,5	10.859.050.450	500
	4,5 - 6,0	15,0	10.859.050.600	500 NEW
D 7,0	k 1,5	d_k 10,0	l_1 max. 8,5	6 Nm / 11000 N
M6	1,5 - 4,5	16,0	10.859.060.450	500
	4,5 - 6,5	18,0	10.859.060.650	500 NEW
D 9,0	k 1,5	d_k 12,0	l_1 max. 10,0	11 Nm / 16000 N

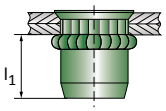
M		l	No.	
M8	1,5 - 4,5	18,0	10.859.080.450	500
	4,5 - 6,5	20,0	10.859.080.650	250 NEW
D 11,0	k 1,5	d_k 14,0	l_1 max. 11,5	24 Nm / 27000 N
M10	1,5 - 4,0	22,0	10.859.100.400	250
D 13,0	k 1,6	d_k 16,0	l_1 max. 14,5	50 Nm / 40000 N
M12	1,7 - 4,5	26,0	10.859.120.400	250
D 16,0	k 2,0	d_k 19,0	l_1 max. 18,0	85 Nm / 57000 N

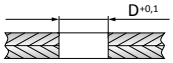
Blind Rivet Nut **ESM-R**
Series 10.**865**

Stainless Steel A2

> Countersunk Head
> Round Shank
> Open
> Knurled







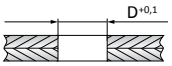
[1.4567]

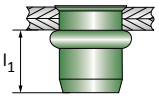
M		l	No.	
M3	2,0 - 3,5	10,5	10.865.030.350	500
D 5,0	k 1,0	d_k 8,0	l_1 max. 6,5	3700 N
M4	1,5 - 4,0	12,0	10.865.040.400	500
D 6,0	k 1,0	d_k 9,0	l_1 max. 8,0	6500 N
M5	1,5 - 4,5	13,5	10.865.050.450	500
D 7,0	k 1,0	d_k 10,0	l_1 max. 8,5	10000 N

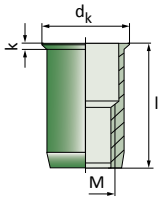
M		l	No.	
M6	1,5 - 4,5	16,0	10.865.060.450	500
	4,5 - 6,5	18,0	10.865.060.650	500
D 9,0	k 1,0	d_k 12,0	l_1 max. 10,0	15000 N
M8	1,5 - 4,5	18,0	10.865.080.450	500
	4,5 - 6,5	20,0	10.865.080.650	250
D 11,0	k 1,5	d_k 14,0	l_1 max. 12,0	25000 N
M10	2,0 - 4,5	21,0	10.865.100.450	250
D 13,0	k 1,6	d_k 16,0	l_1 max. 14,5	38000 N

Blind Rivet Nut **ESM-KLSK**
Series 10.**802**

[1.4567]







Stainless Steel A2

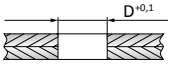
Small Countersunk Head <
Round Shank <
Open <

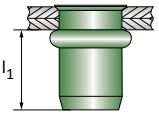
M		l	No.	
M4	0,5 - 2,5	11,0	10.802.040.250	500
D 6,0	**k** 0,5	**d_k** 7,0	**l_1 max.** 8,0	4 Nm / 6500 N
M5	0,5 - 3,0	12,0	10.802.050.300	500
D 7,0	**k** 0,5	**d_k** 8,0	**l_1 max.** 8,5	6 Nm / 10000 N
M6	0,5 - 3,0	14,0	10.802.060.300	500
D 9,0	**k** 0,5	**d_k** 10,0	**l_1 max.** 10,0	11 Nm / 15000 N

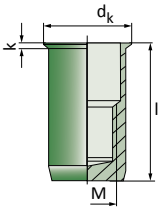
M		l	No.	
M8	0,5 - 3,0	16,0	10.802.080.300	500
D 11,0	**k** 0,5	**d_k** 12,0	**l_1 max.** 11,5	24 Nm / 25000 N
M10	1,0 - 3,5	19,2	10.802.100.350	250
D 13,0	**k** 0,7	**d_k** 14,0	**l_1 max.** 14,0	50 Nm / 38000 N

Blind Rivet Nut **ESM-KLSK-G**
Series 10.**840**

[1.4567]







Stainless Steel A2

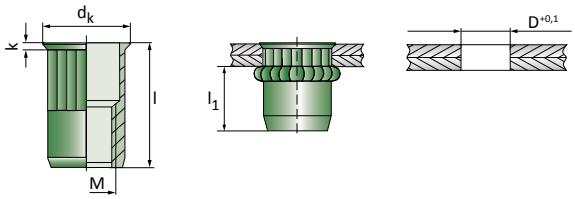
Small Countersunk Head <
Round Shank <
Closed <

M		l	No.	
M4	0,5 - 2,5	16,0	10.840.040.250	500
D 6,0	**k** 0,5	**d_k** 7,0	**l_1 max.** 13,0	4 Nm / 7000 N
M5	0,5 - 3,0	18,0	10.840.050.300	500
D 7,0	**k** 0,5	**d_k** 8,0	**l_1 max.** 14,5	6 Nm / 11000 N
M6	0,5 - 3,0	21,0	10.840.060.300	500
D 9,0	**k** 0,5	**d_k** 10,0	**l_1 max.** 16,0	11 Nm / 18000 N

M		l	No.	
M8	0,5 - 3,0	23,5	10.840.080.300	500
D 11,0	**k** 0,5	**d_k** 12,0	**l_1 max.** 19,0	24 Nm / 27000 N
M10	1,0 - 3,5	26,5	10.840.100.350	200
D 13,0	**k** 0,7	**d_k** 14,0	**l_1 max.** 22,0	50 Nm / 40000 N

Blind Rivet Nut **ESM-KLSK-R**
Series 10.**849**

Stainless Steel A2



> Small Countersunk Head
> Round Shank
> Open
> Knurled

[1.4567]

M		l	No.	
M3	0,5 - 2,0	9,0	10.849.030.200	500
	2,0 - 3,5	10,5	10.849.030.350	500
D 5,0	**k** 0,4	d_k 6,0	l_1 **max.** 7,0	3500 N
M4	0,5 - 2,5	11,0	10.849.040.250	500
	2,5 - 4,0	12,5	10.849.040.400	500
D 6,0	**k** 0,4	d_k 7,0	l_1 **max.** 8,0	6500 N
M5	0,5 - 3,0	12,0	10.849.050.300	500
	3,0 - 4,5	13,5	10.849.050.450	500
D 7,0	**k** 0,5	d_k 8,0	l_1 **max.** 8,5	10000 N
M6	0,5 - 3,0	14,0	10.849.060.300	500
	3,0 - 5,0	16,0	10.849.060.500	500
D 9,0	**k** 0,5	d_k 10,0	l_1 **max.** 10,0	15000 N

NEW

M		l	No.	
M8	0,5 - 3,0	16,0	10.849.080.300	500
	3,0 - 6,0	19,5	10.849.080.600	500
D 11,0	**k** 0,5	d_k 12,0	l_1 **max.** 11,5	25000 N
M10	1,0 - 3,5	19,2	10.849.100.350	250
D 13,0	**k** 0,7	d_k 14,0	l_1 **max.** 14,0	38000 N
M12	1,0 - 4,0	24,0	10.849.120.400	100
D 16,0	**k** 0,7	d_k 17,2	l_1 **max.** 16,0	50000 N

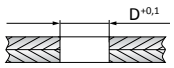
NEW

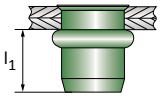
Please ask for our extensive possibilities of **stainless steel blind rivet nuts in turned quality**.

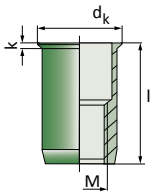
Thousands of finished- or semi-manufactured products guarantee a maximum flexibility in production and delivery.

Blind Rivet Nut **UNIVERSAL**
Series 10.**873**

[1.4567]







Stainless Steel A2

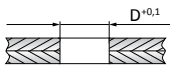
Small Countersunk Head <
Round Shank <
Open <

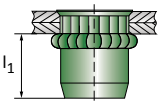
M		l	No.	
M4	0,5 - 3,0	10,5	10.873.400.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 8,0	3 Nm / 7000 N
M5	0,5 - 3,0	11,5	10.873.500.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 8,5	5 Nm / 11000 N

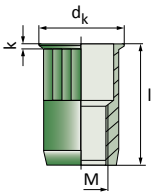
M		l	No.	
M6	0,5 - 3,0	13,0	10.873.600.000	500
D 8,0	**k** 0,4	d_k 9,0	l_1 **max.** 10,0	10 Nm / 18000 N
M8	0,5 - 3,0	15,5	10.873.800.000	500
D 10,0	**k** 0,4	d_k 11,0	l_1 **max.** 11,5	20 Nm / 27000 N

Blind Rivet Nut **UNIVERSAL-R**
Series 10.**891**

[1.4567]







Stainless Steel A2

Small Countersunk Head <
Round Shank <
Open <
Knurled <

M		l	No.	
M4	0,5 - 3,0	10,5	10.891.400.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 8,0	6800 N
M5	0,5 - 3,0	11,5	10.891.500.000	500
D 7,0	**k** 0,4	d_k 8,0	l_1 **max.** 8,5	10000 N
M6	0,5 - 3,0	13,0	10.891.600.000	500
D 8,0	**k** 0,4	d_k 9,0	l_1 **max.** 10,0	14000 N

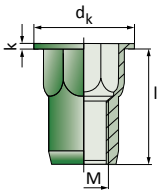
M		l	No.	
M8	0,5 - 3,0	15,5	10.891.800.000	500
D 10,0	**k** 0,4	d_k 11,0	l_1 **max.** 11,5	25000 N
M10	0,5 - 3,0	17,5	10.891.100.000	250
D 12,0	**k** 0,5	d_k 13,0	l_1 **max.** 14,0	37000 N

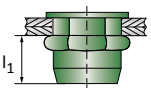
Blind Rivet Nut **HEXATOP®-E-FK**

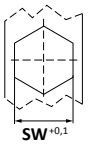
Series 10.**877**

Stainless Steel A2

> Flat Head
> Partial Hexagonal Shank
> Open







[1.4567]

M		l	No.	
M3	0,5 - 2,0	9,0	10.877.030.200	500
SW 5,0	**k** 0,8	**d_k** 8,0	**l_1 max.** 6,5	2 Nm / 4000 N
M4	0,5 - 2,5	11,0	10.877.040.250	500
SW 6,0	**k** 1,0	**d_k** 9,0	**l_1 max.** 8,5	5 Nm / 6500 N
M5	0,5 - 3,0	12,0	10.877.050.300	500
SW 7,0	**k** 1,0	**d_k** 10,0	**l_1 max.** 9,0	7 Nm / 10000 N

NEW

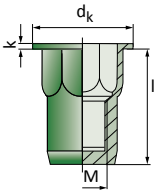
M		l	No.	
M6	0,5 - 3,0	14,0	10.877.060.300	500
SW 9,0	**k** 1,5	**d_k** 12,0	**l_1 max.** 10,0	13 Nm / 17000 N
M8	0,5 - 3,0	16,0	10.877.080.300	250
SW 11,0	**k** 1,5	**d_k** 14,5	**l_1 max.** 11,5	25 Nm / 27000 N
M10	1,0 - 3,5	19,0	10.877.100.350	250
SW 13,0	**k** 2,0	**d_k** 16,5	**l_1 max.** 13,5	55 Nm / 39000 N

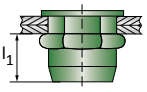
Blind Rivet Nut **HEXATOP®-E-FK-G**

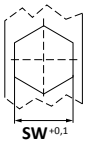
Series 10.**804** NEW

Stainless Steel A2

> Flat Head
> Partial Hexagonal Shank
> Closed







[1.4567]

M		l	No.	
M4	0,5 - 2,5	16,0	10.804.040.250	500
SW 6,0	**k** 1,0	**d_k** 9,0	**l_1 max.** 13,5	5 Nm / 6500 N
M5	0,5 - 3,0	18,0	10.804.050.300	500
SW 7,0	**k** 1,0	**d_k** 10,0	**l_1 max.** 15,0	7 Nm / 10000 N

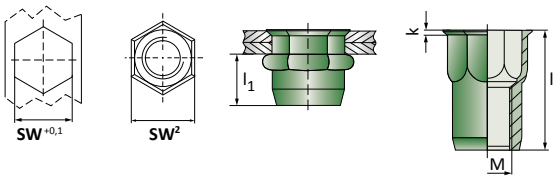
NEW

M		l	No.	
M6	0,5 - 3,0	21,0	10.804.060.300	500
SW 9,0	**k** 1,5	**d_k** 12,0	**l_1 max.** 17,0	13 Nm / 17000 N
M8	0,5 - 3,0	23,5	10.804.080.300	250
SW 11,0	**k** 1,5	**d_k** 14,5	**l_1 max.** 19,0	25 Nm / 27000 N

NEW

Blind Rivet Nut **HEXATOP®-E-KLSK**

Series 10.**879**



Stainless Steel A2

Small Countersunk Head <
Partial Hexagonal Shank <
Open <

[1.4567]

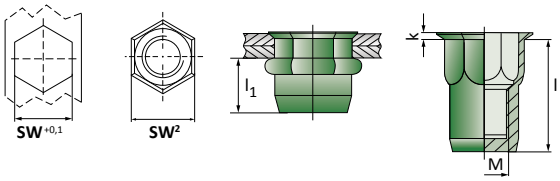
HEXAFORM®

M		l	No.	
M3	0,5 - 2,0	9,0	10.879.030.200	500 NEW
SW 5,0	**SW²** 6,0	**k** 0,5	**l_1 max.** 5,5	2 Nm / 3800 N
M4	0,5 - 2,5	11,0	10.879.040.250	500
	2,5 - 4,0	12,5	10.879.040.400	500 NEW
SW 6,0	**SW²** 6,8	**k** 0,5	**l_1 max.** 8,5	5 Nm / 6000 N
M5	0,5 - 3,0	12,0	10.879.050.300	500
	3,0 - 4,5	13,5	10.879.050.450	500 NEW
SW 7,0	**SW²** 8,0	**k** 0,5	**l_1 max.** 9,0	7 Nm / 9500 N
M6	0,5 - 3,0	14,0	10.879.060.300	500
	3,0 - 5,0	16,0	10.879.060.500	500 NEW
SW 9,0	**SW²** 10,0	**k** 0,5	**l_1 max.** 10,0	13 Nm / 16000 N

M		l	No.	
M8	0,5 - 3,0	16,0	10.879.080.300	250
	3,0 - 5,5	18,5	10.879.080.550	250 NEW
SW 11,0	**SW²** 12,0	**k** 0,5	**l_1 max.** 11,5	25 Nm / 26000 N
M10	1,0 - 3,5	19,0	10.879.100.350	250
SW 13,0	**SW²** 14,4	**k** 0,7	**l_1 max.** 14,0	55 Nm / 39000 N
M12	1,0 - 4,0	24,0	10.879.120.400	100
SW 16,0	**SW²** 17,3	**k** 0,7	**l_1 max.** 19,0	85 Nm / 55000 N

Blind Rivet Nut **HEXATOP®-E-KLSK-G**

Series 10.**805**



Stainless Steel A2

Small Countersunk Head <
Partial Hexagonal Shank <
Closed <

[1.4567]

M		l	No.	
M4	0,5 - 2,5	16,0	10.805.040.250	500 NEW
SW 6,0	**SW²** 6,8	**k** 0,5	**l_1 max.** 10,5	5 Nm / 6000 N
M5	0,5 - 3,0	18,0	10.805.050.300	500
SW 7,0	**SW²** 7,8	**k** 0,6	**l_1 max.** 12,5	7 Nm / 9500 N

M		l	No.	
M6	0,5 - 3,0	21,0	10.805.060.300	500
SW 9,0	**SW²** 9,8	**k** 0,7	**l_1 max.** 16,0	13 Nm / 16000 N
M8	0,5 - 3,0	23,5	10.805.080.300	250
SW 11,0	**SW²** 11,8	**k** 0,7	**l_1 max.** 17,5	25 Nm / 26000 N

You can use the classic brief description of our blind rivet nuts for your inquiries or orders:

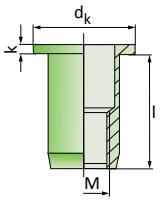
Serial name:	ESM-KLSK-G
+ Thread size:	M8
+ Maximum grip range:	3,0 mm
= Brief description:	**ESM-KLSK 8-30 G**

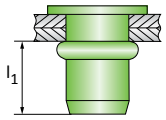
Blind Rivet Nut **EFM A4**

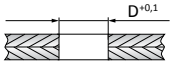
Series 10.**858/79** NEW

Stainless Steel A4

> Flat Head
> Round Shank
> Open







M		l	No.	
M4	0,5 - 2,0	11,0	10.858.040.200/79	500 NEW
D 6,0	**k** 0,8	**dk** 9,0	**l1 max.** 8,0	5 Nm / 7000 N
M5	0,5 - 2,0	13,0	10.858.050.200/79	500 NEW
D 7,0	**k** 1,0	**dk** 10,0	**l1 max.** 8,0	8 Nm / 11000 N

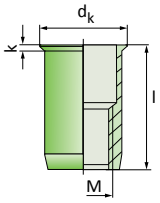
M		l	No.	
M6	0,5 - 2,5	15,0	10.858.060.250/79	500 NEW
D 9,0	**k** 1,3	**dk** 12,0	**l1 max.** 10,0	15 Nm / 18000 N
M8	0,5 - 3,5	20,0	10.858.080.350/79	500 NEW
D 11,0	**k** 1,5	**dk** 15,0	**l1 max.** 11,5	26 Nm / 27000 N

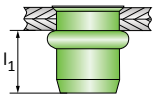
Blind Rivet Nut **ESM KLSK A4**

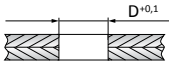
Series 10.**802/79** NEW

Stainless Steel A4

> Small Countersunk Head
> Round Shank
> Open







M		l	No.	
M4	0,5 - 2,0	10,0	10.802.040.200/79	500 NEW
D 6,0	**k** 0,5	**dk** 6,8	**l1 max.** 8,0	3 Nm / 6500 N
M5	0,5 - 2,5	12,0	10.802.050.250/79	500 NEW
D 7,0	**k** 0,6	**dk** 8,0	**l1 max.** 8,5	6 Nm / 10000 N

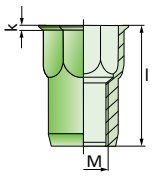
M		l	No.	
M6	0,5 - 3,0	10,0	10.802.060.300/79	500 NEW
D 9,0	**k** 0,6	**dk** 10,0	**l1 max.** 10,0	11 Nm / 15000 N
M8	1,0 - 4,0	16,5	10.802.080.400/79	500 NEW
D 11,0	**k** 0,6	**dk** 12,0	**l1 max.** 11,5	20 Nm / 25000 N

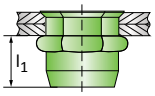
Blind Rivet Nut **HEXATOP®-E-KLSK A4**

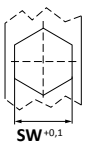
Series 10.**879/79** NEW

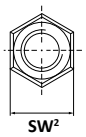
Stainless Steel A4

> Small Countersunk Head
> Partial Hexagonal Shank
> Open



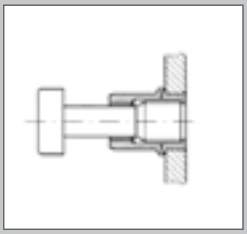






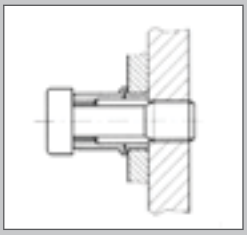
M		l	No.	
M4	0,5 - 2,0	10,0	10.879.040.200/79	500 NEW
SW 6,0	**SW²** 6,8	**k** 0,5	**l1 max.** 8,5	5 Nm / 6500 N
M5	0,5 - 2,0	12,0	10.879.050.200/79	500 NEW
SW 7,0	**SW²** 8,0	**k** 0,6	**l1 max.** 9,0	8 Nm / 10000 N

M		l	No.	
M6	0,5 - 2,5	14,0	10.879.060.250/79	500 NEW
SW 9,0	**SW²** 10,0	**k** 0,6	**l1 max.** 10,0	15 Nm / 15000 N
M8	0,5 - 3,5	16,5	10.879.080.350/79	500 NEW
SW 11,0	**SW²** 12,0	**k** 0,6	**l1 max.** 11,5	26 Nm / 25000 N



The Machinery Directive 2006/42/EC has impact on fasteners across the EU and has to be respected by manufacturers, buyers, operators and maintainers of all kinds of machinery and equipment.

It must ensured, that protective equipment remain in place and is provided by fastening systems, which can be removed with tools only.
After releasing the fastening system must stay connected with the protective device.
The RINCAS system starts at this point.

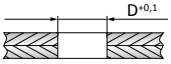


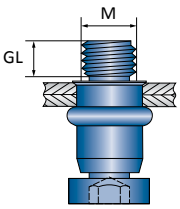
The blind rivet nut is collecting the screw with a thin shaft and makes this screw stay connected with the housing after the release. The blind rivet nut can be handled with standard type blind rivet nut tools.
The system is perfectly suitable for refitting existing systems too.

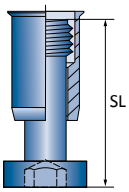
RINCAS Steel
NEW Series 20.**000**

Steel

Small Countersunk Head <
Round Shank <
Open <







M		No.		
M5	1,0 - 3,0	20.000.050.150	100	NEW
D 7,0		**SL** 15,0	**GL** 5,0	
M6	1,0 - 3,0	20.000.060.160	100	NEW
D 8,0		**SL** 16,0	**GL** 5,0	

M		No.		
M8	1,0 - 3,0	20.000.080.200	100	NEW
D 10,0		**SL** 20,0	**GL** 6,0	

Nylon Blind Nut

NYLON blind nuts are especially suitable for connecting **thin-walled components**.
There are **no special tools** necessary.
The connection can be released and the nut **be used again**.

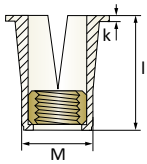
Further properties:

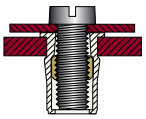
- corrosion-resistant
- good mechanic characteristics
- multifunctional capabilities (in metal, plastic etc.)
- good chemical resistance
- good thermal insulation
- straight seat by high pressing forces

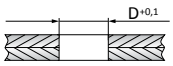
NYLON Blind Nut
Series 10.**890**

Nylon

> with thread insert made of brass



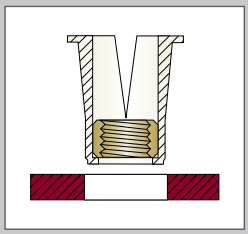




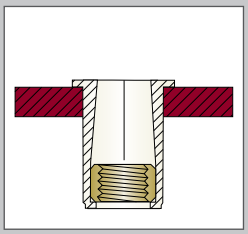
M		l	No.	
M3	1,3 - 2,0	9,6	10.890.030.000	500
D 8,0			**k** 0,75	
M4	2,1 - 2,4	12,7	10.890.040.000	500
D 10,2			**k** 0,75	

M		l	No.	
M5	2,1 - 2,4	12,7	10.890.050.000	500
D 10,2			**k** 0,75	
M6	2,5 - 3,2	15,9	10.890.060.000	500
D 12,5			**k** 0,75	
M8	3,3 - 4,0	19,0	10.890.080.000	500
D 14,0			**k** 0,75	

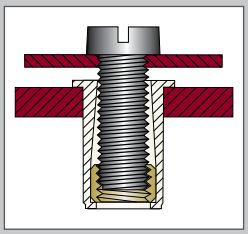
Mode of operation



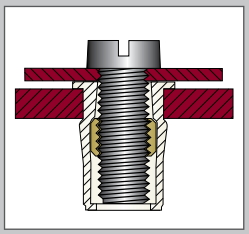
Drill a hole ...



... insert the nut ...

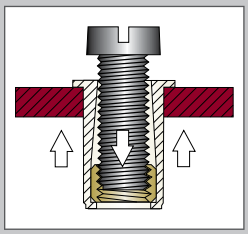


... fix the nut in position by applying pressure to the head of the blind nut with the assistance of the component (in order to prevent the nylon part from turning through) ...



... and teighten the screw.

Disassembly:
You can remove the component at all times by simply removing the screw.



If you want to remove the blind nut again, turn in an appropriate screw into the threaded brass sleeve and thereby push the brass insert through to the end of the shank.

Neoprene Blind Nut

The flexible NEOPRENE blind nuts offer a lot of advantages for different kinds of applications.

These fasteners are used for example in automotive, furniture or electronic industries in large quantities.

Further properties:

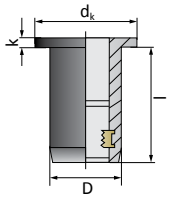
- no special tool necessary
- vibration-isolating
- suitable for connections between different kinds of materials
- non-conductive
- corrosion- and ozone resistant
- detachable
- noise repressing

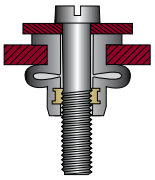
NEOPREN BLIND NUT

Series 10.**890**

Neoprene

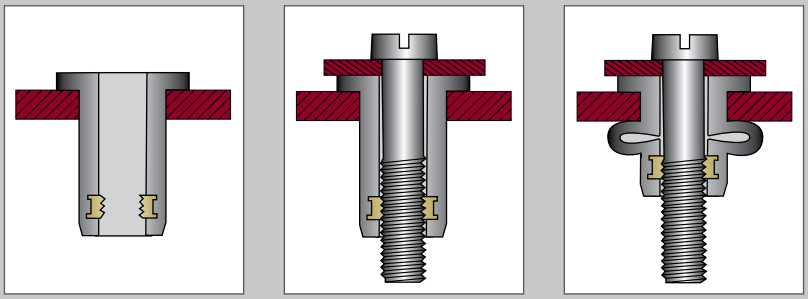
with thread insert < made of brass



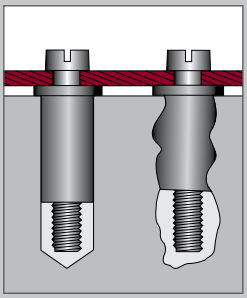


M		D	d_k	l	k	Nm	mm	Shore A	No.	
M3	0,4 - 4,0	7,9	11,0	12,6	1,2	0,25 - 0,5	8,0	60	10.890.030.400	500
M4	0,4 - 4,0	7,9	11,0	12,6	1,2	0,25 - 0,5	8,0	70	10.890.040.400	500
M5	0,4 - 4,9	9,6	12,7	14,1	0,9	0,35 - 0,5	9,7	70	10.890.050.500	500
	4,0 - 11,6	9,6	14,0	21,5	0,9	0,3 - 0,9	9,7	70	10.890.050.116	500
	7,9 - 16,0	9,6	14,0	26,5	1,3	0,3 - 0,7	9,7	70	10.890.050.160	500
	20,5 - 30,0	9,6	14,0	39,0	1,3	0,6 - 1,0	9,7	70	10.890.050.300	500
M6	0,4 - 2,8	12,7	16,0	16,0	1,3	0,6 - 1,0	12,8	60	10.890.060.300	500
	0,8 - 4,7	12,7	19,0	21,1	4,75	0,8 - 1,0	12,8	70	10.890.060.500	500
	6,4 - 11,5	12,7	16,3	26,7	2,0	0,8 - 1,0	12,8	70	10.890.060.115	500
M8	0,4 - 4,0	15,9	22,1	18,3	3,2	1,0 - 1,5	16,0	60	10.890.080.400	250
	3,0 - 9,5	15,9	22,1	27,9	5,7	1,0 - 1,5	16,0	60	10.890.080.950	100

Capabilities



Low-vibration and detachable connections.



Assembly in irregular blind holes.