



 **Scell-it<sup>®</sup>** 

## NOTES

NOTATKI



# SUMMARY

## SPIS TREŚCI

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NITY ZRYWALNE



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NITY STRUKTURALNE



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**The + of Scell-it**  
**Plusy Scell-it**

Scell-it offers the complete range of rivets.

*Scell-it oferuje kompletny program nitów zrywalnych.*

There are multiple solutions because our blind rivets can be used on different materials. (aluminium, steel, stainless steel...)

*istnieje tak wiele rozwiązań ponieważ nasze nitki mogą być stosowane w wielu materiałach. (aluminium, stal, stal nierdzewna...)*

The rivets are available in a wide range of materials :

*Nitki są dostępne w szerokiej gamie rodzajów*

• Aluminium-Steel

*Aluminium-Stal*

• Aluminium-Aluminium

*Aluminium-Aluminium*

• Steel-Steel

*Stal-Stal*

• Copper-Steel

*Miedź-Stal*

• Stainless steel-Stainless steel

*Stal nierdzewna-Stal nierdzewna*

They resist to corrosion, traction, shear.

*Są odporne na korozję, wrywanie / ścinanie.*

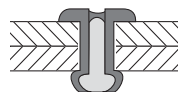
## BLIND RIVETS - DIFFERENT GRIPPINGS

NITY ZRYWALNE – RODZAJE ZACISKÓW



### STANDARD RIVET

STANDARDOWY NIT ZRYWALNY



**When we pull the mandril of the rivet, the head of the mandrel deforms the body of the rivet and forms a sphere behind the assembled pieces.**

*Podczas nitowania główka deformuje część nitującą tworząc spęczenie poza łączonymi elementami.*

**Diameter / Średnica**

2.4 - 3.0 - 3.2 - 4.0 - 4.8 - 6.0 - 6.4 mm

**Material / Materiał**

• Steel / Stal

• Aluminium / Aluminium

• Copper / Miedź

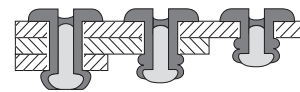
• Stainless steel A2 / Stal nierdzewna A2

• Stainless steel A4 / Stal nierdzewna A4



### MULTIGRIP RIVET

NIT MULTIGRIP



**The body of the rivet forms a double sphere when the mandril is pulled out.**

*Podczas nitowania następuje podwójne spęczenie części nitującej.*

**Diameter / Średnica**

3.2 - 4.0 - 4.8 mm

**Material / Materiał**

• Steel / Stal

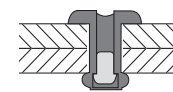
• Aluminium / Aluminium

• Stainless steel A2 / Stal nierdzewna A2



### SEALED RIVET

NIT SZCZELNY



**The head of the mandril is inside of the rivet, the deform is lateral.**

*Główka trzpienia znajduje się wewnątrz nity. Nit jest zamknięty.*

**Diameter / Średnica**

3.2 - 4.0 - 4.8 mm

**Material / Materiał**

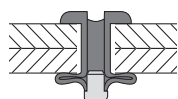
• Stal / Stal

• Aluminium / Aluminium

• Copper / Miedź

• Stainless steel A2 / Stal nierdzewna A2

### TRIFORM RIVET NIT TRIFORM



The body of the triform rivet enables expansion of the type «anchor».

*Część nitująca nita Triform pozwala na uzyskanie efektu "zakotwienia"*

**Diameter / Średnica**  
4.0 - 4.8 mm

**Material / Materiał**  
• Aluminium / Aluminium  
*Aluminium / Aluminium*

### PEALED RIVET NIT ROZKŁADANY



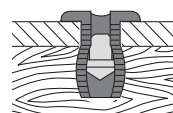
The body of the peel rivet opens in four parts, the mandrill is ejected.

*Część nitująca tego nita rozkłada się na cztery części.*

**Diameter / Średnica**  
4.0 - 4.8 mm

**Material / Materiał**  
• Aluminium / Steel  
*Aluminium / Stal*

### GROOVED RIVET NIT KARBOWANY



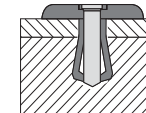
The grooved body enables the rivet to hook on the interior surfaces of the assembled pieces.

*Karbowana część nitująca umożliwia zahaczanie nita na wewnętrznej powierzchni łączonych elementów.*

**Diameter / Średnica**  
4.0 - 4.8 mm

**Material / Materiał**  
• Aluminium / Steel  
*Aluminium / Stal*

### HAMMERDRIVE RIVET NIT WBIJANY



The mandrill sinks into the body of the rivet with the help of a hammer. The body splits in four pieces.

*Rdzeń wewnętrzny poprzez wbicie rozpyiera część nitującą. Część nitująca rozdziela się na trzy części.*

**Diameter / Średnica**  
4.8 mm

**Material / Materiał**  
• Aluminium / Stainless steel  
*Aluminium / Stal nierdzewna*



**The + of Scell-it**  
Plusy Scell-it

Head of the mandrel  
is elliptical.  
*Główka trzpienia jest owalna.*

Wide range of materials.  
*Szeroka oferta rodzajów nitów.*

All product range  
RoHS compliant.  
*Spełniają normę  
RoHS.*



Any RAL color available.  
*A Nity kolorowe na zamówienie  
(zgodne z paletą RAL).*

The rivets are produced  
in our factory which is  
certified ISO 9001.  
*Nity są produkowane w  
fabryce posiadającej  
certyfikat ISO 9001.*

**UNIT PLANT CERTIFICATES**



## STANDARD RIVET / STANDARDOWY NIT ZRYWALNY



### Features / Opis

A standard blind rivet is made of two parts - the body and the mandrel. The function of the mandrel is to deform the body of the rivet after traction. The breaking point of the mandrel is directly under the head which ensures that the body of the rivet remains hollow.

*Standardowy nit zrywalny składa się z dwóch części - część nitująca oraz trzpień. Zadaniem trzpienia jest deformacja części nitującej podczas zaciągania. Punkt zerwania trzpienia jest usytuowany pod kołnierzem co zapewnia iż część nitująca nita pozostaje w otworze.*

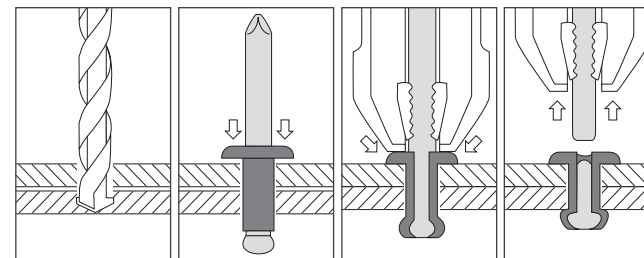
### Advantages / Zalety

There is a wide range of standard rivets, it varies according to pieces to assemble or by forms of heads: from the most current rivet (aluminium with a dome head) to a copper rivet or a rivet in stainless steel with large head.

*Istnieje wiele rodzajów standardowych nitów zrywalnych, różnią się rodzajem kołnierzy, główek oraz doбором nitowanych elementów: od najpopularniejszych (aluminium z kołnierzem półkulistym) do nitów miedzianych i ze stali nierdzewnej z powiększonym łbem.*

### Specific applications / Zastosowanie

- Containers / tanks. / Kontenery.
- Hollow body. / Elementy drążone.
- Tubes. / Rury.
- Profiles. / Profile.
- Air ducts, etc. / Wentylacje itp.



### Recommended tools / Zalecane narzędzia :



## STANDARD RIVET / STANDARDOWY NIT ZRYWALNY



### A wide range of rivets

Szeroka oferta nitów

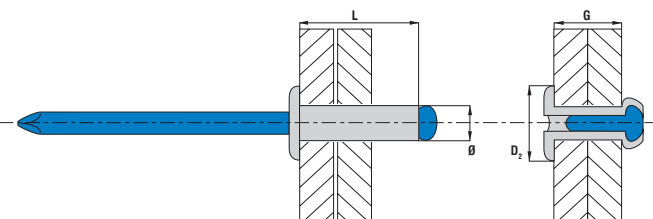
|                                                                                                  | Ø2.4 | Ø3.0 | Ø3.2 | Ø4.0 | Ø4.8 | Ø6.0 | Ø6.4 |                                                                                                                                            |
|--------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aluminium / Steel</b><br><i>Aluminium / Stal</i>                                              | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |  Dome head<br><i>Kołnierz półkulisty</i>                |
| <b>Steel / Steel</b><br><i>Stal / Stal</i>                                                       | -    | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |  Large head<br><i>Kołnierz powiększony</i>              |
| <b>Aluminium / Aluminium</b><br><i>Aluminium / Aluminium</i>                                     | -    | -    | ✓    | ✓    | ✓    | -    | -    |  Extra large head<br><i>Kołnierz extra powiększony</i> |
| <b>Copper / Steel</b><br><i>Miedź / Stal</i>                                                     | -    | ✓    | ✓    | ✓    | -    | -    | -    |  Countersunk head<br><i>Kołnierz stożkowy</i>         |
| <b>Stainless steel A2 / Stainless steel A2</b><br><i>Stal nierdzewna A2 / Stal nierdzewna A2</i> | ✓    | ✓    | ✓    | ✓    | ✓    | -    | -    |                                                                                                                                            |
| <b>Stainless steel A4 / Stainless steel A4</b><br><i>Stal nierdzewna A4 / Stal nierdzewna A4</i> | -    | -    | ✓    | ✓    | ✓    | -    | -    |                                                                                                                                            |
| <b>Aluminium / Stainless steel A2</b><br><i>Aluminium / Stal nierdzewna A2</i>                   | -    | ✓    | ✓    | ✓    | ✓    | -    | -    |                                                                                                                                            |



# ASD OTWARTY Dome head / Kolnierz półkulisty

Aluminium / Aluminium

Steel / Stal



| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 2.4 | ASD2404 | 4.0  | 5.0            | 0.5-2.0     | 2.5 | 314   | 353   |
|     | ASD2406 | 6.0  |                | 2.0-4.0     |     |       |       |
|     | ASD2408 | 8.0  |                | 4.0-6.0     |     |       |       |
|     | ASD2410 | 10.0 |                | 6.0-8.0     |     |       |       |
|     | ASD2412 | 12.0 |                | 8.0-10.0    |     |       |       |
| 3.0 | ASD3004 | 4.0  | 6.5            | 0.5-1.5     | 3.1 | 620   | 810   |
|     | ASD3006 | 6.0  |                | 1.5-3.5     |     |       |       |
|     | ASD3008 | 8.0  |                | 3.5-5.5     |     |       |       |
|     | ASD3010 | 10.0 |                | 5.5-7.0     |     |       |       |
|     | ASD3012 | 12.0 |                | 7.0-9.0     |     |       |       |
|     | ASD3014 | 14.0 |                | 9.0-11.0    |     |       |       |
|     | ASD3016 | 16.0 |                | 11.0-13.0   |     |       |       |
|     | ASD3018 | 18.0 |                | 13.0-15.0   |     |       |       |
| 3.2 | ASD3206 | 6.0  | 6.5            | 1.5-3.5     | 3.3 | 760   | 980   |
|     | ASD3208 | 8.0  |                | 3.5-5.0     |     |       |       |
|     | ASD3210 | 10.0 |                | 5.5-7.0     |     |       |       |
|     | ASD3212 | 12.0 |                | 7.0-9.0     |     |       |       |
|     | ASD3214 | 14.0 |                | 9.0-11.0    |     |       |       |
|     | ASD3216 | 16.0 |                | 11.0-13.0   |     |       |       |
|     | ASD3218 | 18.0 |                | 13.0-15.0   |     |       |       |
|     | ASD3220 | 20.0 |                | 15.0-17.0   |     |       |       |
| 4.0 | ASD4006 | 6.0  | 8.0            | 1.0-3.0     | 4.1 | 1 080 | 1 580 |
|     | ASD4008 | 8.0  |                | 3.0-5.0     |     |       |       |
|     | ASD4010 | 10.0 |                | 5.0-6.5     |     |       |       |
|     | ASD4012 | 12.0 |                | 6.5-8.5     |     |       |       |
|     | ASD4014 | 14.0 |                | 8.5-10.5    |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.0 | ASD4016 | 16.0 | 8.0            | 10.5-12.5   | 4.1 | 1 080 | 1 580 |
|     | ASD4018 | 18.0 |                | 12.5-14.5   |     |       |       |
|     | ASD4020 | 20.0 |                | 14.5-16.5   |     |       |       |
|     | ASD4023 | 23.0 |                | 16.5-19.0   |     |       |       |
|     | ASD4025 | 25.0 |                | 19.0-21.5   |     |       |       |
|     | ASD4030 | 30.0 |                | 21.5-26.0   |     |       |       |
| 4.8 | ASD4035 | 35.0 | 9.5            | 26.0-30.0   | 4.9 | 1 580 | 2 230 |
|     | ASD4806 | 6.0  |                | 1.0-3.0     |     |       |       |
|     | ASD4808 | 8.0  |                | 3.0-4.5     |     |       |       |
|     | ASD4810 | 10.0 |                | 4.5-6.0     |     |       |       |
|     | ASD4812 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | ASD4814 | 14.0 |                | 8.0-10.0    |     |       |       |
|     | ASD4816 | 16.0 |                | 10.0-12.0   |     |       |       |
|     | ASD4818 | 18.0 |                | 12.0-14.0   |     |       |       |
|     | ASD4820 | 20.0 |                | 14.0-16.0   |     |       |       |
|     | ASD4822 | 22.0 |                | 16.0-18.0   |     |       |       |
|     | ASD4825 | 25.0 |                | 18.0-21.0   |     |       |       |
|     | ASD4830 | 30.0 |                | 23.0-25.0   |     |       |       |
|     | ASD4835 | 35.0 |                | 25.0-30.0   |     |       |       |
|     | ASD4840 | 40.0 |                | 30.0-35.0   |     |       |       |
|     | ASD4845 | 45.0 |                | 35.0-40.0   |     |       |       |
|     | ASD4850 | 50.0 |                | 40.0-45.0   |     |       |       |
|     | ASD4860 | 60.0 |                | 45.0-55.0   |     |       |       |
|     | ASD4870 | 70.0 |                | 55.0-65.0   |     |       |       |
|     | ASD4880 | 80.0 |                | 65.0-75.0   |     |       |       |
| 5.0 | ASD5008 | 8.0  | 9.5            | 3-4.5       | 5.1 | 2150  | 3000  |
|     | ASD5010 | 10.0 |                | 4.5-6       |     |       |       |
|     | ASD5012 | 12.0 |                | 6-8         |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 5.0 | ASD5014 | 14.0 | 9.5            | 8-10        | 5.1 | 2150  | 3000  |
|     | ASD5016 | 16.0 |                | 10-12       |     |       |       |
|     | ASD5018 | 18.0 |                | 12-14       |     |       |       |
|     | ASD5020 | 20.0 |                | 14-16       |     |       |       |
|     | ASD5023 | 23.0 |                | 16-19       |     |       |       |
|     | ASD5025 | 25.0 |                | 16-21       |     |       |       |
|     | ASD5030 | 30.0 |                | 21-25       |     |       |       |
| 6.0 | ASD6008 | 8.0  | 12.0           | 2.0-4.0     | 6.1 | 2 400 | 3 600 |
|     | ASD6010 | 10.0 |                | 4.0-6.0     |     |       |       |
|     | ASD6012 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | ASD6016 | 16.0 |                | 9.0-11.0    |     |       |       |
|     | ASD6018 | 18.0 |                | 11.0-13.0   |     |       |       |
|     | ASD6022 | 22.0 |                | 13.0-16.0   |     |       |       |
|     | ASD6026 | 26.0 |                | 16.0-20.0   |     |       |       |
|     | ASD6030 | 30.0 |                | 20.0-24.0   |     |       |       |
|     | ASD6035 | 35.0 |                | 24.0-29.0   |     |       |       |
| 6.4 | ASD6410 | 10.0 | 12.7           | 2.0-5.0     | 6.5 | 2 460 | 4 090 |
|     | ASD6412 | 12.0 |                | 4.0-6.0     |     |       |       |
|     | ASD6415 | 15.0 |                | 6.0-9.0     |     |       |       |
|     | ASD6418 | 18.0 |                | 9.0-13.0    |     |       |       |
|     | ASD6422 | 22.0 |                | 13.0-16.0   |     |       |       |
|     | ASD6426 | 26.0 |                | 16.0-20.0   |     |       |       |
|     | ASD6430 | 30.0 |                | 20.0-24.0   |     |       |       |
|     | ASD6435 | 35.0 |                | 24.0-30.0   |     |       |       |
|     | ASD6440 | 40.0 |                | 30.0-35.0   |     |       |       |







## STANDARD RIVET / STANDARDOWY NIT ZRYWALNY

**Scell-it®**

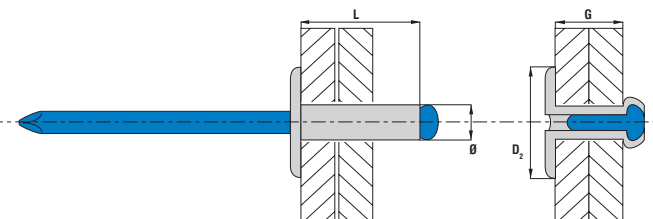
### ASL OTWARTY Large head / Kołnierz powiększony

 Aluminium / Aluminium

 Steel / Stal

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                | N                                                                                 | N                                                                                 |
| 4.8 | ASL4808 | 8.0  | 14.0           | 1.0-4.5     |  |  |  |
|     | ASL4810 | 10.0 |                | 4.5-6.0     |                                                                                   |                                                                                   |                                                                                   |
|     | ASL4812 | 12.0 |                | 6.0-8.0     |                                                                                   |                                                                                   |                                                                                   |
|     | ASL4814 | 14.0 |                | 8.0-10.0    |                                                                                   |                                                                                   |                                                                                   |
|     | ASL4816 | 16.0 |                | 10.0-12.0   |                                                                                   |                                                                                   |                                                                                   |
|     | ASL4818 | 18.0 |                | 12.0-14.0   |                                                                                   |                                                                                   |                                                                                   |
|     | ASL4820 | 20.0 |                | 14.0-16.0   |                                                                                   |                                                                                   |                                                                                   |
|     | ASL4825 | 25.0 |                | 18.0-21.0   |                                                                                   |                                                                                   |                                                                                   |
|     | ASL4830 | 30.0 |                | 23.0-25.0   |                                                                                   |                                                                                   |                                                                                   |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                  | N                                                                                   | N                                                                                   |
| 4.8 | ASL4835 | 35.0 | 14.0           | 25.0-30.0   |  |  |  |
|     | ASL4840 | 40.0 |                | 30.0-35.0   |                                                                                     |                                                                                     |                                                                                     |
| 5.0 | ASL5012 | 12.0 | 14.0           | 6-8         |  |  |  |
|     | ASL5014 | 14.0 |                | 8-10        |                                                                                     |                                                                                     |                                                                                     |
|     | ASL5016 | 16.0 |                | 10-12       |                                                                                     |                                                                                     |                                                                                     |
|     | ASL5018 | 18.0 |                | 12-14       |                                                                                     |                                                                                     |                                                                                     |
|     | ASL5020 | 20.0 |                | 14-16       |                                                                                     |                                                                                     |                                                                                     |
|     | ASL5025 | 25.0 |                | 16-21       |                                                                                     |                                                                                     |                                                                                     |
|     | ASL5030 | 30.0 |                | 21-25       |                                                                                     |                                                                                     |                                                                                     |



### ASX OTWARTY Extra large head / Kołnierz extra powiększony

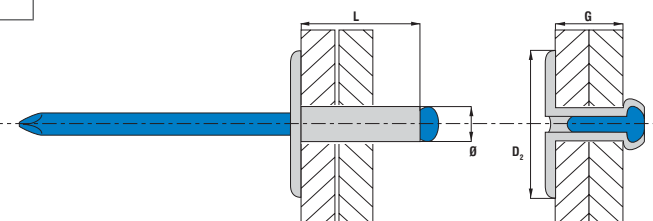
 Aluminium / Aluminium

 Steel / Stal

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                  | N                                                                                   | N                                                                                   |
| 3.2 | ASX3206 | 6.0  | 9.5            | 1.0-3.5     |  |  |  |
|     | ASX3208 | 8.0  |                | 3.5-5.0     |                                                                                     |                                                                                     |                                                                                     |
|     | ASX3210 | 10.0 |                | 5.0-7.0     |                                                                                     |                                                                                     |                                                                                     |
|     | ASX3212 | 12.0 |                | 7.0-9.0     |                                                                                     |                                                                                     |                                                                                     |
|     | ASX3214 | 14.0 |                | 9.0-11.0    |                                                                                     |                                                                                     |                                                                                     |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                    | N                                                                                     | N                                                                                     |
| 4.0 | ASX4008 | 8.0  | 12.0           | 3.0-5.0     |  |  |  |
|     | ASX4010 | 10.0 |                | 5.0-6.5     |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4012 | 12.0 |                | 6.5-8.5     |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4014 | 14.0 |                | 9.0-10.5    |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4016 | 16.0 |                | 10.5-12.5   |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4018 | 18.0 |                | 12.5-15.0   |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4020 | 20.0 |                | 15.0-16.5   |                                                                                       |                                                                                       |                                                                                       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                    | N                                                                                     | N                                                                                     |
| 4.8 | ASX4810 | 10.0 | 16.0           | 3.5-6.0     |  |  |  |
|     | ASX4812 | 12.0 |                | 6.0-8.0     |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4814 | 14.0 |                | 8.0-10.0    |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4816 | 16.0 |                | 10.0-12.0   |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4818 | 18.0 |                | 12.0-14.0   |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4820 | 20.0 |                | 14.0-16.0   |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4826 | 26.0 |                | 20.0-22.5   |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4830 | 30.0 |                | 23.0-25.0   |                                                                                       |                                                                                       |                                                                                       |
|     | ASX4835 | 35.0 |                | 25.0-30.0   |                                                                                       |                                                                                       |                                                                                       |



 Drilling  
Wiertło

 Shear  
Scinanie

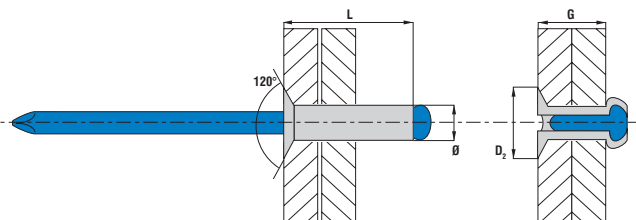
 Tensile  
Wyrwanie

BLIND RIVETS  
Nit zrywalny



# ASK OTWARTY Countersunk head 120° / Kołnierz stożkowy 120°

 **Aluminium / Aluminium**  
 **Steel / Stal**



| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                | N                                                                                 | N                                                                                 |
| 2.4 | ASK2406 | 6.0  | 5.0            | 1.5-4.0     | 2.5                                                                               | 314                                                                               | 353                                                                               |
|     | ASK2408 | 8.0  |                | 4.0-6.0     |                                                                                   |                                                                                   |                                                                                   |
|     | ASK2410 | 10.0 |                | 6.0-8.0     |                                                                                   |                                                                                   |                                                                                   |
| 3.0 | ASK3006 | 6.0  | 6.0            | 1.5-3.5     | 3.1                                                                               | 620                                                                               | 810                                                                               |
|     | ASK3008 | 8.0  |                | 3.5-5.5     |                                                                                   |                                                                                   |                                                                                   |
|     | ASK3010 | 10.0 |                | 5.5-7.0     |                                                                                   |                                                                                   |                                                                                   |
|     | ASK3012 | 12.0 |                | 7.0-9.0     |                                                                                   |                                                                                   |                                                                                   |
| 3.2 | ASK3206 | 6.0  | 6.0            | 1.5-3.5     | 3.3                                                                               | 760                                                                               | 980                                                                               |
|     | ASK3208 | 8.0  |                | 3.5-5.0     |                                                                                   |                                                                                   |                                                                                   |
|     | ASK3210 | 10.0 |                | 5.0-7.0     |                                                                                   |                                                                                   |                                                                                   |
|     | ASK3212 | 12.0 |                | 7.0-9.0     |                                                                                   |                                                                                   |                                                                                   |
|     | ASK3214 | 14.0 |                | 9.0-10.5    |                                                                                   |                                                                                   |                                                                                   |
|     | ASK3216 | 16.0 |                | 10.5-13.0   |                                                                                   |                                                                                   |                                                                                   |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                  | N                                                                                   | N                                                                                   |
| 4.0 | ASK4006 | 6.0  | 7.5            | 1.5-3.0     | 4.1                                                                                 | 1 080                                                                               | 1 580                                                                               |
|     | ASK4008 | 8.0  |                | 3.0-5.0     |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4010 | 10.0 |                | 5.0-6.5     |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4012 | 12.0 |                | 6.5-8.5     |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4016 | 16.0 |                | 10.5-12.5   |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4018 | 18.0 |                | 12.5-14.5   |                                                                                     |                                                                                     |                                                                                     |
| 4.8 | ASK4020 | 20.0 | 9.0            | 14.5-16.5   | 4.9                                                                                 | 1 580                                                                               | 2 230                                                                               |
|     | ASK4808 | 8.0  |                | 2.0-4.5     |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4810 | 10.0 |                | 4.5-6.0     |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4812 | 12.0 |                | 6.0-8.0     |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4814 | 14.0 |                | 8.0-10.0    |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4816 | 16.0 |                | 10.0-12.0   |                                                                                     |                                                                                     |                                                                                     |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                  | N                                                                                   | N                                                                                   |
| 4.8 | ASK4818 | 18.0 | 9.0            | 12.0-14.0   | 4.9                                                                                 | 1 580                                                                               | 2 230                                                                               |
|     | ASK4820 | 20.0 |                | 14.0-16.0   |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4825 | 25.0 |                | 16.0-21.0   |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4830 | 30.0 |                | 21.0-25.0   |                                                                                     |                                                                                     |                                                                                     |
|     | ASK4835 | 35.0 |                | 25.0-30.0   |                                                                                     |                                                                                     |                                                                                     |
| 5.0 | ASK5012 | 12.0 | 9.0            | 6-8         | 5.1                                                                                 | 2150                                                                                | 3000                                                                                |
|     | ASK5014 | 14.0 |                | 8-10        |                                                                                     |                                                                                     |                                                                                     |
|     | ASK5016 | 16.0 |                | 10-12       |                                                                                     |                                                                                     |                                                                                     |
|     | ASK5018 | 18.0 |                | 12-14       |                                                                                     |                                                                                     |                                                                                     |
|     | ASK5020 | 20.0 |                | 14-16       |                                                                                     |                                                                                     |                                                                                     |
|     | ASK5025 | 25.0 |                | 16-21       |                                                                                     |                                                                                     |                                                                                     |
|     | ASK5030 | 30.0 |                | 21-25       |                                                                                     |                                                                                     |                                                                                     |



## STANDARD RIVET / STANDARDOWY NIT ZRYWALNY

Scell-it®

### AND OTWARTY Dome head / Kołnierz półkulisty



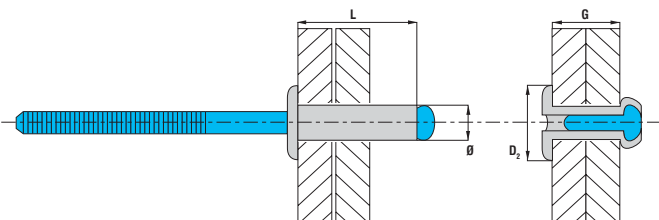
Aluminium / Aluminium



Stainless steel A2 / Stal nierdzewna A2

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |     |       |
|-----|---------|------|----------------|-------------|-----|-----|-------|
| mm  |         | mm   | mm             | mm          | mm  | N   | N     |
| 3.0 | AND3006 | 6.0  | 6.5            | 1.5-3.5     | 3.1 | 680 | 870   |
|     | AND3008 | 8.0  |                | 3.5-5.5     |     |     |       |
|     | AND3010 | 10.0 |                | 5.5-7.5     |     |     |       |
| 3.2 | AND3206 | 6.0  | 6.5            | 1.5-3.5     | 3.3 | 760 | 1 100 |
|     | AND3208 | 8.0  |                | 3.5-5.5     |     |     |       |
|     | AND3210 | 10.0 |                | 5.5-7.5     |     |     |       |
|     | AND3212 | 12.0 |                | 7.5-9.5     |     |     |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | AND4008 | 8.0  | 8.0            | 3.0-5.0     | 4.1 | 1 250 | 1 800 |
|     | AND4010 | 10.0 |                | 5.0-7.0     |     |       |       |
|     | AND4012 | 12.0 |                | 7.0-9.0     |     |       |       |
| 4.8 | AND4810 | 10.0 | 9.5            | 4.5-6.5     | 4.9 | 1 850 | 2 600 |
|     | AND4812 | 12.0 |                | 6.5-8.5     |     |       |       |
|     | AND4816 | 16.0 |                | 10.5-12.5   |     |       |       |
|     | AND4820 | 20.0 |                | 14.5-16.5   |     |       |       |



### ANL OTWARTY Large head / Kołnierz powiększony



Aluminium / Aluminium

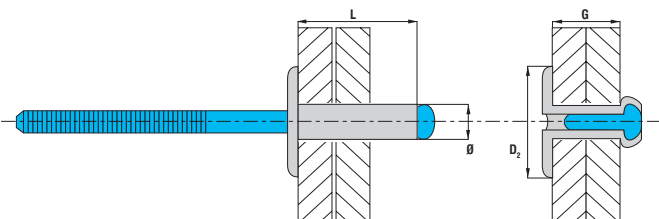


Stainless steel A2 / Stal nierdzewna A2

| Ø   | Ref         | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|-------------|------|----------------|-------------|-----|-------|-------|
| mm  |             | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | ANL4810-K11 | 10.0 | 11.0           | 4.5-6.5     | 4.9 | 1 850 | 2 600 |
|     | ANL4812-K11 | 12.0 |                | 6.5-8.5     |     |       |       |
|     | ANL4816-K11 | 16.0 |                | 10.5-12.5   |     |       |       |
|     | ANL4810-K14 | 10.0 |                | 4.5-6.5     |     |       |       |

| Ø   | Ref         | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|-------------|------|----------------|-------------|-----|-------|-------|
| mm  |             | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | ANL4812-K14 | 12.0 | 11.0           | 6.5-8.5     | 4.9 | 1 850 | 2 600 |
|     | ANL4816-K14 | 16.0 |                | 10.5-12.5   |     |       |       |
|     | ANL5010-K11 | 10.0 |                | 4.0-6.0     | 5.1 | 2 200 | 2 960 |
| 5.0 | ANL5012-K11 | 12.0 | 11.0           | 6.0-8.0     |     |       |       |

| Ø   | Ref         | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|-------------|------|----------------|-------------|-----|-------|-------|
| mm  |             | mm   | mm             | mm          | mm  | N     | N     |
| 5.0 | ANL5016-K11 | 16.0 | 14             | 10.5-12.5   | 5.1 | 2 200 | 2 960 |
|     | ANL5010-K14 | 10.0 |                | 4.0-6.0     |     |       |       |
|     | ANL5012-K14 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | ANL5016-K14 | 16.0 |                | 10.5-12.5   |     |       |       |



Drilling  
Wierlenie



Shear  
Scinanie



Tensile  
Wyrwanie

BLIND RIVETS  
Nit zrywający



**SD OTWARTY** Dome head / Kołnierz półkulisty

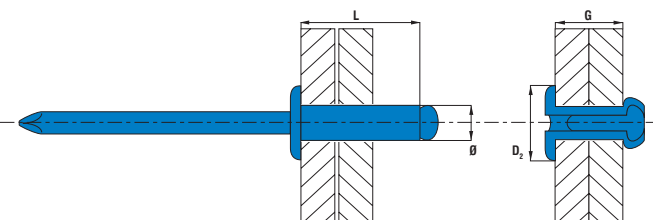
 **Steel / Stal**

 **Steel / Stal**

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 3.0 | SD3006 | 6.0  | 6.5            | 1.5-3.0     | 3.1 | 950   | 1 125 |
|     | SD3008 | 8.0  |                | 3.0-5.0     |     |       |       |
|     | SD3010 | 10.0 |                | 5.0-7.0     |     |       |       |
|     | SD3012 | 12.0 |                | 7.0-9.0     |     |       |       |
| 3.2 | SD3206 | 6.0  | 6.5            | 1.5-3.0     | 3.3 | 1 100 | 1 285 |
|     | SD3208 | 8.0  |                | 3.0-5.0     |     |       |       |
|     | SD3210 | 10.0 |                | 5.0-7.0     |     |       |       |
|     | SD3212 | 12.0 |                | 7.0-9.0     |     |       |       |
|     | SD3214 | 14.0 |                | 9.0-11.0    |     |       |       |
|     | SD3216 | 16.0 |                | 11.0-13.0   |     |       |       |
| 4.0 | SD4006 | 6.0  | 8.0            | 0.5-2.5     | 4.1 | 1 700 | 2 200 |
|     | SD4008 | 8.0  |                | 2.5-4.5     |     |       |       |
|     | SD4010 | 10.0 |                | 4.5-6.5     |     |       |       |
|     | SD4012 | 12.0 |                | 6.5-8.5     |     |       |       |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | SD4014 | 14.0 | 8.0            | 8.5-10.5    | 4.1 | 1 700 | 2 200 |
|     | SD4016 | 16.0 |                | 10.5-12.5   |     |       |       |
|     | SD4018 | 18.0 |                | 12.5-14.5   |     |       |       |
|     | SD4020 | 20.0 |                | 14.5-16.5   |     |       |       |
| 4.8 | SD4808 | 8.0  | 9.5            | 2.5-4.5     | 4.9 | 2 900 | 3 100 |
|     | SD4810 | 10.0 |                | 4.5-6.0     |     |       |       |
|     | SD4812 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | SD4814 | 14.0 |                | 8.0-10.0    |     |       |       |
|     | SD4816 | 16.0 |                | 10.0-11.5   |     |       |       |
|     | SD4818 | 18.0 |                | 11.5-13.5   |     |       |       |
|     | SD4820 | 20.0 |                | 13.5-15.0   |     |       |       |
|     | SD4825 | 25.0 |                | 17.0-20.0   |     |       |       |
|     | SD4830 | 30.0 |                | 20.0-25.0   |     |       |       |

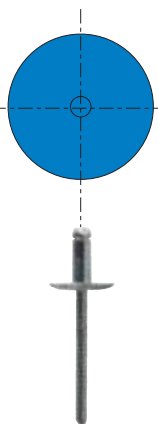
| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 6.0 | SD6012 | 12.0 | 12.0           | 4.5-6.5     | 6.1 | 4 300 | 5 020 |
|     | SD6015 | 15.0 |                | 6.5-9.5     |     |       |       |
|     | SD6018 | 18.0 |                | 9.5-12.5    |     |       |       |
|     | SD6022 | 22.0 |                | 12.5-16.0   |     |       |       |
|     | SD6026 | 26.0 |                | 16.0-19.0   |     |       |       |
| 6.4 | SD6412 | 12.0 | 12.7           | 3.0-6.0     | 6.5 | 4 900 | 5 700 |
|     | SD6415 | 15.0 |                | 6.0-9.0     |     |       |       |
|     | SD6418 | 18.0 |                | 9.0-12.0    |     |       |       |
|     | SD6422 | 22.0 |                | 12.0-16.0   |     |       |       |
|     | SD6426 | 26.0 |                | 16.0-20.0   |     |       |       |
|     | SD6430 | 30.0 |                | 20.0-24.0   |     |       |       |





## STANDARD RIVET / STANDARDOWY NIT ZRYWALNY

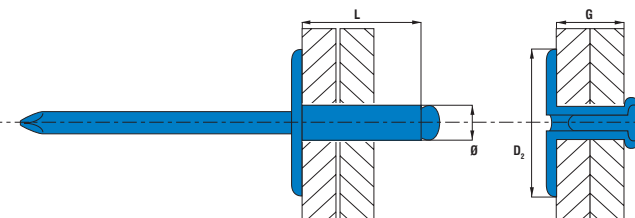
Scell-it®



### SX OTWARTY Extra large head / Kołnierz extra powiększony

Steel / Stal  
Steel / Stal

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  |       |       |
| 4.8 | SX4810 | 10.0 | 16.0           | 4.5-6.0     | 4.9 | 2 900 | 3 100 |
|     | SX4812 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | SX4814 | 14.0 |                | 8.0-10.0    |     |       |       |
|     | SX4816 | 16.0 |                | 10.0-11.5   |     |       |       |
|     | SX4820 | 20.0 |                | 13.5-15.0   |     |       |       |
|     | SX4825 | 25.0 |                | 17.0-20.0   |     |       |       |



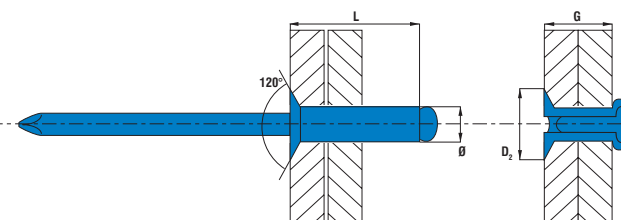
### SK OTWARTY Countersunk head 120° / Kołnierz stożkowy 120°

Steel / Stal  
Steel / Stal

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  |       |       |
| 3.2 | SK3206 | 6.0  | 6.0            | 1.5-3.0     | 3.3 | 1 100 | 1 285 |
|     | SK3208 | 8.0  |                | 3.0-5.0     |     |       |       |
|     | SK3210 | 10.0 |                | 5.0-7.0     |     |       |       |
|     | SK3212 | 12.0 |                | 7.0-9.0     |     |       |       |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  |       |       |
| 4.0 | SK4006 | 6.0  | 7.5            | 1.5-2.5     | 4.1 | 1 700 | 2 200 |
|     | SK4008 | 8.0  |                | 2.5-4.5     |     |       |       |
|     | SK4010 | 10.0 |                | 4.5-6.5     |     |       |       |
|     | SK4012 | 12.0 |                | 6.5-8.5     |     |       |       |
|     | SK4016 | 16.0 |                | 10.5-12.5   |     |       |       |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  |       |       |
| 4.8 | SK4808 | 8.0  | 9.0            | 1.5-4.5     | 4.9 | 2 900 | 3 100 |
|     | SK4810 | 10.0 |                | 4.0-6.0     |     |       |       |
|     | SK4812 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | SK4814 | 14.0 |                | 8.0-10.0    |     |       |       |
|     | SK4816 | 16.0 |                | 10.0-11.5   |     |       |       |
|     | SK4820 | 20.0 |                | 13.5-15.5   |     |       |       |





STANDARD RIVET / STANDARDOWY NIT ZRYWALNY

HD OTWARTY Dome head / Kołnierz półkulisty

Aluminium / Aluminium

Aluminium / Aluminium

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |     |     |
|-----|--------|------|----------------|-------------|-----|-----|-----|
| mm  |        | mm   | mm             | mm          | mm  | N   | N   |
| 3.2 | HD3206 | 6.0  | 6.5            | 1.5-3.5     | 3.3 | 534 | 667 |
|     | HD3208 | 8.0  |                | 3.5-5.0     |     |     |     |
|     | HD3210 | 10.0 |                | 5.0-7.0     |     |     |     |
|     | HD3212 | 12.0 |                | 7.0-8.5     |     |     |     |
|     | HD3214 | 14.0 |                | 8.5-10.5    |     |     |     |
|     | HD3216 | 16.0 |                | 10.5-13.0   |     |     |     |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |     |       |
|-----|--------|------|----------------|-------------|-----|-----|-------|
| mm  |        | mm   | mm             | mm          | mm  | N   | N     |
| 4.0 | HD4006 | 6.0  | 8.0            | 1.5-3.5     | 4.1 | 845 | 1 022 |
|     | HD4008 | 8.0  |                | 3.5-5.0     |     |     |       |
|     | HD4010 | 10.0 |                | 5.0-6.5     |     |     |       |
|     | HD4012 | 12.0 |                | 6.5-8.5     |     |     |       |
|     | HD4014 | 14.0 |                | 8.5-10.5    |     |     |       |
|     | HD4016 | 16.0 |                | 10.5-12.5   |     |     |       |
|     | HD4018 | 18.0 |                | 12.5-14.5   |     |     |       |
|     | HD4020 | 20.0 |                | 14.5-16.5   |     |     |       |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | HD4808 | 8.0  | 9.5            | 3.0-4.5     | 4.9 | 1 155 | 1 422 |
|     | HD4810 | 10.0 |                | 4.5-6.0     |     |       |       |
|     | HD4812 | 12.0 |                | 6.0-7.5     |     |       |       |
|     | HD4814 | 14.0 |                | 7.5-9.0     |     |       |       |
|     | HD4816 | 16.0 |                | 9.0-11.5    |     |       |       |
|     | HD4818 | 18.0 |                | 11.5-13.0   |     |       |       |
|     | HD4820 | 20.0 |                | 13.0-15.0   |     |       |       |
|     | HD4825 | 25.0 |                | 15.0-20.0   |     |       |       |
|     | HD4830 | 30.0 |                | 20.0-25.0   |     |       |       |

BND OTWARTY Dome head / Kołnierz półkulisty

Stainless steel A4 / Stal nierdzewna A4

Stainless steel A4 / Stal nierdzewna A4

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 3.2 | BND3206 | 6.0  | 6.5            | 1.0-3.0     | 3.3 | 1 900 | 2 500 |
|     | BND3208 | 8.0  |                | 3.0-5.0     |     |       |       |
|     | BND3210 | 10.0 |                | 5.0-7.0     |     |       |       |
|     | BND3212 | 12.0 |                | 7.0-9.0     |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | BND4008 | 8.0  | 8.0            | 2.5-4.5     | 4.1 | 3 100 | 3 800 |
|     | BND4010 | 10.0 |                | 4.5-6.5     |     |       |       |
|     | BND4013 | 13.0 |                | 6.5-9.5     |     |       |       |
|     | BND4016 | 16.0 |                | 9.5-12.0    |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | BND4810 | 10.0 | 9.5            | 4.0-6.0     | 4.9 | 4 500 | 6 000 |
|     | BND4812 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | BND4814 | 14.0 |                | 8.0-9.5     |     |       |       |
|     | BND4816 | 16.0 |                | 9.5-11.0    |     |       |       |
|     | BND4818 | 18.0 |                | 11.0-13.0   |     |       |       |

Drilling  
Wiertło

Shear  
Scinanie

Tensile  
Wyrwanie



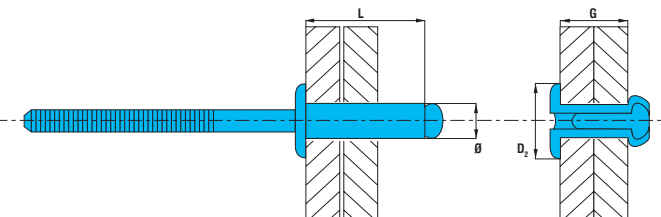
## STANDARD RIVET / STANDARDOWY NIT ZRYWALNY

Scell-it®

### BTD OTWARTY Dome head / Kołnierz półkulisty

 **Stainless steel A2 / Stal nierdzewna A2**

 **Stainless steel A2 / Stal nierdzewna A2**



| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                | N                                                                                 | N                                                                                 |
| 2.4 | BTD2406 | 6.0  | 5.0            | 1.0-3.0     | 2.5                                                                               | 1100                                                                              | 1 500                                                                             |
| 3.0 | BTD3006 | 6.0  | 6.5            | 1.0-3.0     | 3.1                                                                               | 1 800                                                                             | 2 200                                                                             |
|     | BTD3008 | 8.0  |                | 3.0-5.0     |                                                                                   |                                                                                   |                                                                                   |
|     | BTD3010 | 10.0 |                | 5.0-7.0     |                                                                                   |                                                                                   |                                                                                   |
|     | BTD3012 | 12.0 |                | 7.0-9.0     |                                                                                   |                                                                                   |                                                                                   |
| 3.2 | BTD3206 | 6.0  | 6.5            | 1.0-3.0     | 3.3                                                                               | 1 900                                                                             | 2 500                                                                             |
|     | BTD3208 | 8.0  |                | 3.0-5.0     |                                                                                   |                                                                                   |                                                                                   |
|     | BTD3210 | 10.0 |                | 5.0-7.0     |                                                                                   |                                                                                   |                                                                                   |
|     | BTD3212 | 12.0 |                | 7.0-9.0     |                                                                                   |                                                                                   |                                                                                   |
|     | BTD3215 | 14.0 |                | 9.0-12.0    |                                                                                   |                                                                                   |                                                                                   |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                     | N                                                                                   | N                                                                                   |
| 4.0     | BTD4006 | 6.0     | 8.0                  | 1.0-2.5           | 4.1                                                                                 | 3 100                                                                               | 3 800                                                                               |
|         | BTD4008 | 8.0     |                      | 2.5-4.5           |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4010 | 10.0    |                      | 4.5-6.5           |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4012 | 12.0    |                      | 6.5-9.5           |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4016 | 16.0    |                      | 9.5-12.0          |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4018 | 18.0    |                      | 12.0-14.0         |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4020 | 20.0    |                      | 14.0-16.0         |                                                                                     |                                                                                     |                                                                                     |
| 4.8     | BTD4808 | 8.0     | 9.5                  | 1.5-4.0           | 4.9                                                                                 | 4 500                                                                               | 6 000                                                                               |
|         | BTD4810 | 10.0    |                      | 4.0-6.0           |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4812 | 12.0    |                      | 6.0-8.0           |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4814 | 14.0    |                      | 8.0-9.5           |                                                                                     |                                                                                     |                                                                                     |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                     | N                                                                                   | N                                                                                   |
| 4.8     | BTD4816 | 16.0    | 9.5                  | 9.5-11.0          | 4.9                                                                                 | 4 500                                                                               | 6 000                                                                               |
|         | BTD4818 | 18.0    |                      | 11.0-13.0         |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4820 | 20.0    |                      | 13.0-15.0         |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4825 | 25.0    |                      | 17.0-20.0         |                                                                                     |                                                                                     |                                                                                     |
|         | BTD4830 | 30.0    |                      | 21.0-25.0         |                                                                                     |                                                                                     |                                                                                     |
|         | BTD6412 | 12      | 12.7                 | 4.0-6.0           | 6.5                                                                                 | 6 500                                                                               | 8 850                                                                               |
| 6.4     | BTD6415 | 15      |                      | 6.0-9.0           |                                                                                     |                                                                                     |                                                                                     |
|         | BTD6418 | 18      |                      | 9.0-13.0          |                                                                                     |                                                                                     |                                                                                     |
|         | BTD6420 | 20      |                      | 13.0-16.0         |                                                                                     |                                                                                     |                                                                                     |
|         | BTD6425 | 25      |                      | 16.0-20.0         |                                                                                     |                                                                                     |                                                                                     |

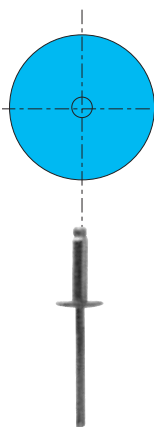
  
Drilling  
Wierć

  
Shear  
Scinanie

  
Tensile  
Wrywanie



STANDARD RIVET / STANDARDOWY NIT ZRYWALNY



**BTX OTWARTY** Extra large head / Kołnierz extra powiększony

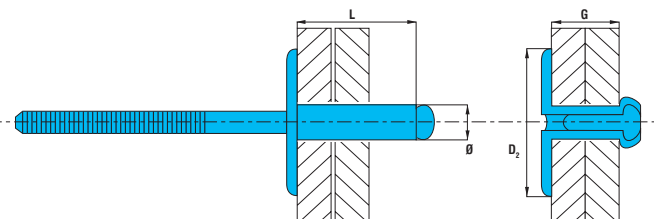


Stainless steel A2 / Stal nierdzewna A2

Stainless steel A2 / Stal nierdzewna A2

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | BTX4008 | 8.0  | 12.0           | 2.5-4.5     | 4.1 | 3 100 | 3 800 |
|     | BTX4010 | 10.0 |                | 4.5-6.5     |     |       |       |
|     | BTX4013 | 13.0 |                | 6.5-9.5     |     |       |       |
|     | BTX4016 | 16.0 |                | 9.5-12.0    |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | BTX4810 | 10.5 | 16.0           | 2.5-5.0     | 4.9 | 4 500 | 6 000 |
|     | BTX4813 | 13.5 |                | 5.0-8.5     |     |       |       |
|     | BTX4817 | 17.2 |                | 8.5-12.0    |     |       |       |
|     | BTX4820 | 20.5 |                | 12.0-15.5   |     |       |       |
|     | BTX4823 | 23.5 |                | 15.5-18.5   |     |       |       |



**BTK OTWARTY** Countersunk head 120° / Kołnierz stożkowy 120°

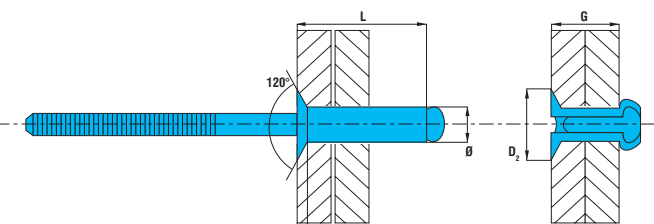


Stainless steel A2 / Stal nierdzewna A2

Stainless steel A2 / Stal nierdzewna A2

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 3.2 | BTK3206 | 6.0  | 6.0            | 1.0-3.0     | 3.3 | 1 900 | 2 500 |
|     | BTK3208 | 8.0  |                | 3.0-5.0     |     |       |       |
|     | BTK3210 | 10.0 |                | 5.0-7.0     |     |       |       |
|     | BTK3212 | 12.0 |                | 7.0-9.0     |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | BTK4008 | 8.0  | 7.5            | 2.5-4.5     | 4.1 | 3 100 | 3 800 |
|     | BTK4010 | 10.0 |                | 4.5-6.5     |     |       |       |
|     | BTK4012 | 12.0 |                | 6.5-8.5     |     |       |       |
|     | BTK4015 | 16.0 |                | 8.5-11.0    |     |       |       |



| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | BTK4810 | 10.0 | 9.0            | 4.0-6.0     | 4.9 | 4 500 | 6 000 |
|     | BTK4812 | 12.0 |                | 6.0-8.0     |     |       |       |
|     | BTK4815 | 16.0 |                | 8.0-10.0    |     |       |       |
|     | BTK4821 | 21.0 |                | 11.0-15.0   |     |       |       |
|     | BTK4825 | 25.0 |                | 15.0-20.0   |     |       |       |







## STANDARD RIVET / STANDARDOWY NIT ZRYWALNY

Scell-it®



### CCD OTWARTY Dome head / Kołnierz półkulisty



Copper / Miedź

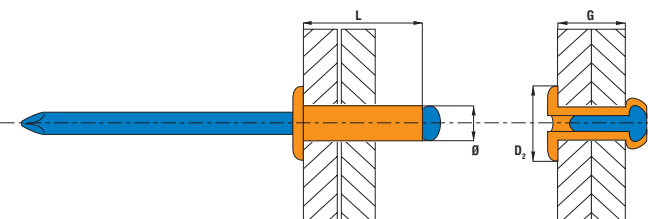


Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                   | N                                                                                 | N                                                                                 |
| 3.0     | CCD3006 | 6.0     | 6.5                  | 1.0-3.0           | 3.1                                                                               | 600                                                                               | 700                                                                               |
|         | CCD3008 | 8.0     |                      | 3.0-5.0           |                                                                                   |                                                                                   |                                                                                   |
|         | CCD3010 | 10.0    |                      | 5.0-7.0           |                                                                                   |                                                                                   |                                                                                   |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                     | N                                                                                   | N                                                                                   |
| 3.2     | CCD3206 | 6.0     | 6.5                  | 1.0-3.0           | 3.3                                                                                 | 700                                                                                 | 800                                                                                 |
|         | CCD3208 | 8.0     |                      | 3.0-5.0           |                                                                                     |                                                                                     |                                                                                     |
|         | CCD3210 | 10.0    |                      | 5.0-7.0           |                                                                                     |                                                                                     |                                                                                     |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                     | N                                                                                   | N                                                                                   |
| 4.0     | CCD4006 | 6.0     | 8.0                  | 1.0-2.5           | 4.1                                                                                 | 1 000                                                                               | 1 500                                                                               |
|         | CCD4008 | 8.0     |                      | 2.5-4.0           |                                                                                     |                                                                                     |                                                                                     |
|         | CCD4010 | 10.0    |                      | 4.0-6.0           |                                                                                     |                                                                                     |                                                                                     |
|         | CCD4012 | 12.0    |                      | 6.0-8.0           |                                                                                     |                                                                                     |                                                                                     |



### AWD OTWARTY Dome head painted in white color RAL 9003 / Kołnierz półkulisty biały



Aluminium / Aluminium

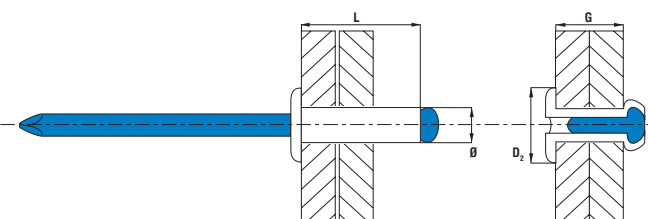


Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                     | N                                                                                   | N                                                                                   |
| 3.2     | AWD3206 | 6.0     | 6.5                  | 1.5-3.5           | 3.3                                                                                 | 760                                                                                 | 980                                                                                 |
|         | AWD3208 | 8.0     |                      | 3.5-5.0           |                                                                                     |                                                                                     |                                                                                     |
|         | AWD3210 | 10.0    |                      | 5.0-7.0           |                                                                                     |                                                                                     |                                                                                     |
|         | AWD3212 | 12.0    |                      | 7.0-9.0           |                                                                                     |                                                                                     |                                                                                     |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                       | N                                                                                     | N                                                                                     |
| 4.0     | AWD4008 | 8.0     | 8.0                  | 4.0-5.0           | 4.1                                                                                   | 1 080                                                                                 | 1 580                                                                                 |
|         | AWD4010 | 10.0    |                      | 5.0-6.5           |                                                                                       |                                                                                       |                                                                                       |
|         | AWD4012 | 12.0    |                      | 6.5-8.5           |                                                                                       |                                                                                       |                                                                                       |
|         | AWD4016 | 16.0    |                      | 10.5-12.5         |                                                                                       |                                                                                       |                                                                                       |
|         | AWD4018 | 18.0    |                      | 12.5-14.5         |                                                                                       |                                                                                       |                                                                                       |
|         | AWD4020 | 20.0    |                      | 14.5-16.5         |                                                                                       |                                                                                       |                                                                                       |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                       | N                                                                                     | N                                                                                     |
| 4.8     | AWD4810 | 10.0    | 9.5                  | 4.5-6.0           | 4.9                                                                                   | 1 580                                                                                 | 2 230                                                                                 |
|         | AWD4812 | 12.0    |                      | 6.0-8.0           |                                                                                       |                                                                                       |                                                                                       |
|         | AWD4816 | 16.0    |                      | 10.0-12.0         |                                                                                       |                                                                                       |                                                                                       |
|         | AWD4820 | 20.0    |                      | 14.0-16.0         |                                                                                       |                                                                                       |                                                                                       |
|         | AWD4824 | 25.0    |                      | 18.0-21.0         |                                                                                       |                                                                                       |                                                                                       |



Drilling  
Wiertło



Shear  
Scinanie



Tensile  
Wrywanie



STANDARD RIVET / STANDARDOWY NIT ZRYWALNY

**ABD OTWARTY** Dome head painted in black color RAL 9005 / Kołnierz półkulisty czarny

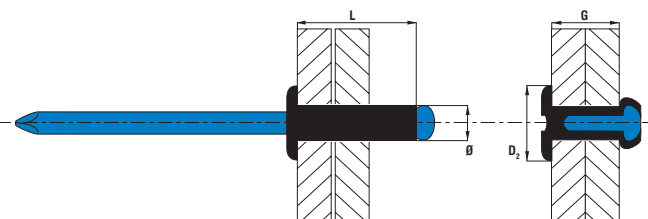
Aluminium / Aluminium

Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 3.2     | ABD3206 | 6.0     | 6.5                  | 1.5-3.5           | 3.3                                                                               | 760                                                                               | 980                                                                               |
|         | ABD3208 | 8.0     |                      | 3.5-5.0           |                                                                                   |                                                                                   |                                                                                   |
|         | ABD3210 | 10.0    |                      | 5.0-7.0           |                                                                                   |                                                                                   |                                                                                   |
|         | ABD3212 | 12.0    |                      | 7.0-9.0           |                                                                                   |                                                                                   |                                                                                   |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4.0     | ABD4008 | 8.0     | 8.0                  | 3.0-5.0           | 4.1                                                                                 | 1 080                                                                               | 1 580                                                                               |
|         | ABD4010 | 10.0    |                      | 5.0-6.5           |                                                                                     |                                                                                     |                                                                                     |
|         | ABD4012 | 12.0    |                      | 6.5-8.5           |                                                                                     |                                                                                     |                                                                                     |
|         | ABD4016 | 16.0    |                      | 10.5-12.5         |                                                                                     |                                                                                     |                                                                                     |
|         | ABD4018 | 18.0    |                      | 12.5-14.5         |                                                                                     |                                                                                     |                                                                                     |
|         | ABD4020 | 20.0    |                      | 14.5-16.5         |                                                                                     |                                                                                     |                                                                                     |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4.8     | ABD4810 | 10.0    | 9.5                  | 4.5-6.0           | 4.9                                                                                 | 1 580                                                                               | 2 230                                                                               |
|         | ABD4812 | 12.0    |                      | 6.0-8.0           |                                                                                     |                                                                                     |                                                                                     |
|         | ABD4816 | 16.0    |                      | 10.0-12.0         |                                                                                     |                                                                                     |                                                                                     |
|         | ABD4820 | 20.0    |                      | 14.0-16.0         |                                                                                     |                                                                                     |                                                                                     |
|         | ABD4824 | 25.0    |                      | 18.0-21.0         |                                                                                     |                                                                                     |                                                                                     |



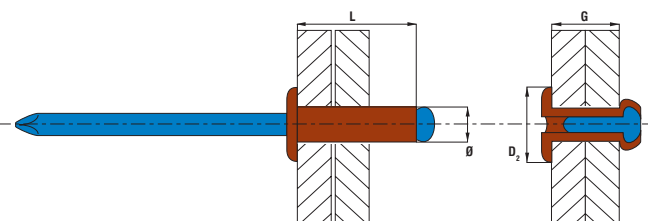
**ABRD OTWARTY** Dome head painted in brown color RAL 8014 // Kołnierz półkulisty brązowy

Aluminium / Aluminium

Steel / Stal

| Ø<br>mm | Ref      | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|----------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4.0     | ABRD4008 | 8.0     | 8.0                  | 3.0-5.0           | 4.1                                                                                 | 1 080                                                                               | 1 580                                                                               |
|         | ABRD4010 | 10.0    |                      | 5.0-6.5           |                                                                                     |                                                                                     |                                                                                     |
|         | ABRD4012 | 12.0    |                      | 6.5-8.5           |                                                                                     |                                                                                     |                                                                                     |
|         | ABRD4016 | 16.0    |                      | 10.5-12.5         |                                                                                     |                                                                                     |                                                                                     |

| Ø<br>mm | Ref      | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|----------|---------|----------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 4.8     | ABRD4812 | 12.0    | 9.5                  | 6.0-8.0           | 4.9                                                                                   | 1 580                                                                                 | 2 230                                                                                 |
|         | ABRD4816 | 16.0    |                      | 10.0-12.0         |                                                                                       |                                                                                       |                                                                                       |



**Scell-it®**

**The + of Scell-it**  
**Plusy Scell-it**

Large blind side bearing area  
(steel or stainless steel  
version).

Różne wersje części nitującej  
(stal i stal nierdzewna).

Knurled mandrel reduces  
the abrasion of the jaws.

Moletowany trzpień ułatwia montaż.

Any RAL color available.

Dostępne w każdym kolorze  
z palety RAL.

All product range  
RoHS compliant.

Spełniają normę  
RoHS.



The rivets are produced  
in our factory which is  
certified ISO 9001.

Nity są produkowane w  
fabryce posiadającej certyfikat  
ISO 9001.

UNIT PLANT CERTIFICATES



ISO 9001:2000  
TS 16949

## MULTIGRIP RIVET / NITY MULTIGRIP



### Advantages / Zalety

Multi-grip rivets offer many advantages compared to standard rivets :

Nity Multigrip posiadają wiele dodatkowych zalet w porównaniu do tradycyjnych nitów zrywalnych :

- A larger clamping capacity, so the number of positions in stock can be reduced.

Jeden rozmiar umożliwia szeroki zakres stosowania co ogranicza stan magazynowy.

- A unique hole filling property, so the size of the predrilled hole is less critical.

Niezwykła zdolność zacisku co powoduje iż działa nawet w mniej precyzyjnie wywierconych otworach.

- Reduced chance of mistakes because the multi-grip rivet will set even if the chosen rivet appears to be too long.

Zredukowana możliwość popełnienia błędu gdyż Multigrip zadziała nawet wtedy gdy wybrany nit wydaje się być zbyt długi.

- After setting, the head is retained inside the rivet, forming a high vibration resistant and watertight connection.

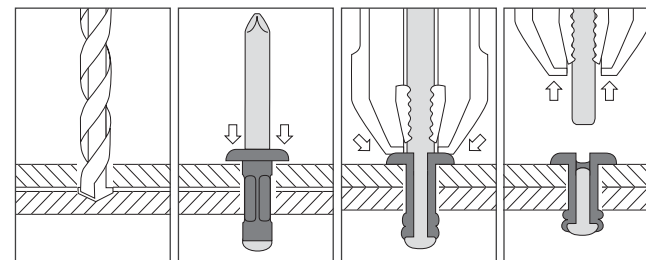
Po zanitowaniu główka jest unieruchomiona wewnątrz nita tworząc wyjątkowo odporne na wibracje i szczelne połączenie.

- Because the rivet forms a larger bulb at the back ('blind') side, it is also suitable for softer materials.

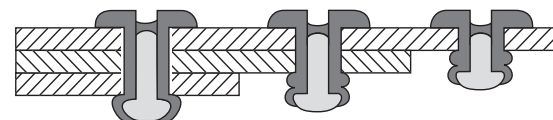
Multigrip formuje duży zacisk od "ślepej" strony, dzięki temu może być stosowany w miękkich materiałach.

### Specific applications / Zastosowanie

- Air-conditioning. / Klimatyzacja.
- Construction works. / Roboty budowlane.
- Construction of vehicles. / Motoryzacja.
- Furniture industry, etc. / Meblarstwo itp.



### Recommended tools / Zalecane narzędzia :





## UD MULTI-GRIP Dome head / Kołnierz półkulisty

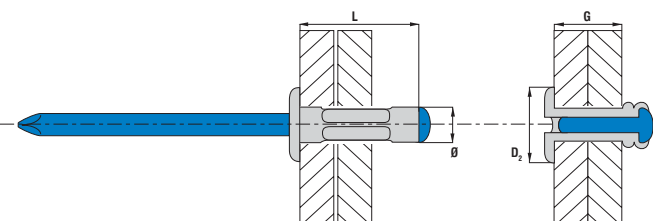
Aluminium / Aluminium

Steel / Stal

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |     |     |
|-----|--------|------|----------------|-------------|-----|-----|-----|
| mm  |        | mm   | mm             | mm          | mm  | N   | N   |
| 3.2 | UD3206 | 6.0  | 6.0            | 1.0-4.0     | 3.3 | 680 | 980 |
|     | UD3208 | 8.0  |                | 1.0-5.0     |     |     |     |
|     | UD3210 | 9.5  |                | 2.5-7.0     |     |     |     |
|     | UD3212 | 12.7 |                | 4.5-9.0     |     |     |     |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | UD4006 | 6.0  | 8.0            | 1.0-3.5     | 4.1 | 1 150 | 1 600 |
|     | UD4010 | 9.5  |                | 1.5-6.5     |     |       |       |
|     | UD4012 | 12.7 |                | 4.5-9.0     |     |       |       |
|     | UD4016 | 17.0 |                | 8.5-13.0    |     |       |       |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | UD4810 | 10.3 | 9.5            | 1.0-6.0     | 4.9 | 1 500 | 2 350 |
|     | UD4812 | 12.0 |                | 2.0-8.0     |     |       |       |
|     | UD4815 | 15.1 |                | 5.0-10.5    |     |       |       |
|     | UD4816 | 17.0 |                | 7.0-12.0    |     |       |       |
|     | UD4820 | 20.0 |                | 10.0-16.0   |     |       |       |
|     | UD4825 | 24.8 |                | 12.5-20.0   |     |       |       |



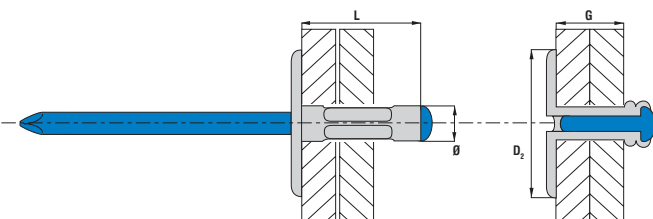
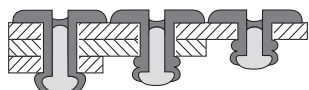
## UX MULTI-GRIP Extra large head / Kołnierz extra powiększony

Aluminium / Aluminium

Steel / Stal

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | UX4011 | 11.1 | 12.0           | 2.5-7.5     | 4.1 | 1 150 | 1 600 |
|     | UX4013 | 12.7 |                | 4.0-9.5     |     |       |       |
|     | UX4017 | 16.9 |                | 6.5-13.5    |     |       |       |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | UX4810 | 10.3 | 16.0           | 1.0-6.0     | 4.9 | 1 500 | 2 350 |
|     | UX4816 | 17.0 |                | 6.0-12.5    |     |       |       |
|     | UX4825 | 24.8 |                | 12.5-21.0   |     |       |       |





## MULTIGRIP RIVET / NITY MULTIGRIP

**Scell-it®**

### UK MULTIGRIP Countersunk head 120° / Kołnierz stożkowy



Aluminium / Aluminium

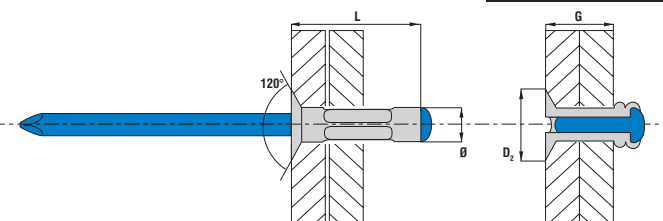


Steel / Stal

| Ø   | Ref    | L   | D <sub>2</sub> | G (min-max) |     |     |     |
|-----|--------|-----|----------------|-------------|-----|-----|-----|
| mm  |        | mm  | mm             | mm          | mm  | N   | N   |
| 3.2 | UK3209 | 9.7 | 6.0            | 2.5-6.5     | 3.3 | 680 | 980 |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | UK4011 | 12.0 | 8.0            | 3.0-8.5     | 4.1 | 1 150 | 1 600 |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|--------|------|----------------|-------------|-----|-------|-------|
| mm  |        | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | UK4812 | 12.0 | 9.5            | 2.0-8.0     | 4.9 | 1 500 | 2 350 |
|     | UK4817 | 16.0 |                | 6.0-12.0    |     |       |       |



### UND MULTI-GRIP Dome head / Kołnierz półkulisty



Aluminium / Aluminium

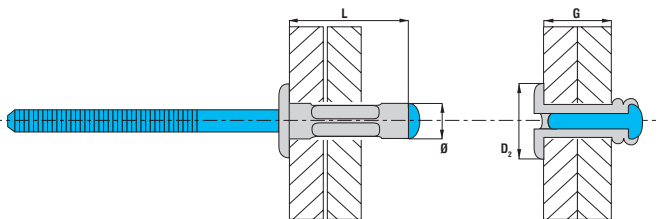
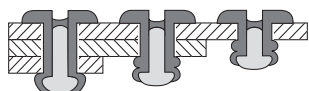


Stainless steel A2 / Stal nierdzewna A2

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |     |     |
|-----|---------|------|----------------|-------------|-----|-----|-----|
| mm  |         | mm   | mm             | mm          | mm  | N   | N   |
| 3.2 | UND3208 | 8.0  | 6.0            | 1.0-4.8     | 3.3 | 680 | 980 |
|     | UND3209 | 9.5  |                | 1.2-6.4     |     |     |     |
|     | UND3211 | 11.1 |                | 4.0-7.9     |     |     |     |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.0 | UND4009 | 9.5  | 8.0            | 1.2-6.4     | 4.1 | 1 150 | 1 600 |
|     | UND4012 | 12.7 |                | 4.0-9.5     |     |       |       |
|     | UND4016 | 16.9 |                | 6.4-12.7    |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |       |       |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  | N     | N     |
| 4.8 | UND4810 | 10.3 | 9.5            | 1.6-6.4     | 4.9 | 1 500 | 2 350 |
|     | UND4815 | 15.1 |                | 4.8-11.0    |     |       |       |
|     | UND4816 | 16.9 |                | 6.4-12.7    |     |       |       |
|     | UND4824 | 24.8 |                | 12.7-19.8   |     |       |       |



Drilling  
Wiertło



Shear  
Scinanie



Tensile  
Wrywanie



MULTIGRIP RIVET / NITY MULTIGRIP

## UTD MULTI-GRIP Dome head / Kołnierz półkulisty

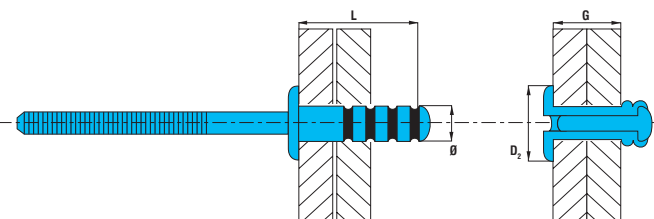
**Stainless steel A2 / Stal nierdzewna A2**

**Stainless steel A2 / Stal nierdzewna A2**

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |     |       |       |
|---------|---------|---------|----------------------|-------------------|-----|-------|-------|
| 4.0     | UTD4010 | 10.0    | 8.1                  | 1.5-6.0           | 4.1 | 3 240 | 3 350 |
|         | UTD4012 | 12.0    |                      | 3.5-7.5           |     |       |       |
|         | UTD4015 | 15.0    |                      | 6.0-10.0          |     |       |       |



| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |     |       |       |
|---------|---------|---------|----------------------|-------------------|-----|-------|-------|
| 4.8     | UTD4810 | 10.0    | 9.8                  | 1.5-6.0           | 4.9 | 4 230 | 4 300 |
|         | UTD4812 | 12.0    |                      | 3.0-7.5           |     |       |       |
|         | UTD4815 | 15.0    |                      | 6.5-10.5          |     |       |       |
|         | UTD4817 | 17.5    |                      | 9.0-12.5          |     |       |       |

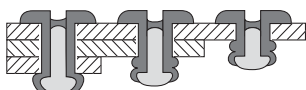


## SFD MULTI-GRIP Dome head / Kołnierz półkulisty

**Steel / Stal**

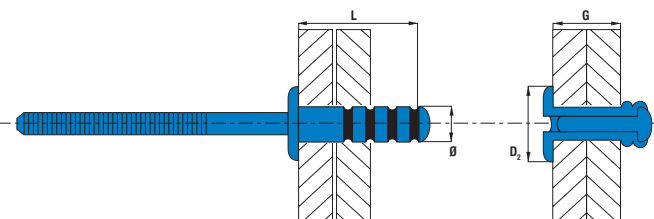
**Steel / Stal**

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |     |       |       |
|---------|---------|---------|----------------------|-------------------|-----|-------|-------|
| 3.2     | SFD3209 | 9.0     | 7.2                  | 1.1-4.0           | 3.3 | 1 500 | 1 700 |
|         | SFD3213 | 12.0    |                      | 1.0-9.0           |     |       |       |



| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |     |       |       |
|---------|---------|---------|----------------------|-------------------|-----|-------|-------|
| 4.0     | SFD4010 | 10.8    | 8.1                  | 1.4-4.8           | 4.1 | 1 955 | 2 350 |
|         | SFD4012 | 12.5    |                      | 2.9-7.0           |     |       |       |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |     |       |       |
|---------|---------|---------|----------------------|-------------------|-----|-------|-------|
| 4.8     | SFD4810 | 10.2    | 9.8                  | 1.4-5.0           | 4.9 | 3 335 | 3 600 |
|         | SFD4812 | 12.7    |                      | 3.5-7.5           |     |       |       |
|         | SFD4817 | 17.5    |                      | 7.5-12.5          |     |       |       |





The + of Scell-it  
Plusy Scell-it

Wide range of materials.  
*Szeroka oferta rodzajów nitów.*

Knurled mandrel reduces  
the abrasion of the jaws.  
*Karbowany trzpień redukuje  
zużycie nitownicy.*

All product range  
RoHS compliant.  
*Spełniają normę  
RoHS.*



The rivets are produced  
in our factory which is certified  
ISO 9001.  
*Nity są produkowane w  
fabryce posiadającej certyfikację  
ISO 9001.*

UNIT PLANT CERTIFICATES



## SEALED RIVET / NIT SZCZELNY



### Advantages / Zalety

- During setting, the rivet body expands to fill the hole, enabling the rivet to withstand pressures up to 35 Bar (3500 kPa).

*Podczas nitowania, nit pęcznieje wypełniając szczelnie otwór, umożliwiając odporność nitowania do 35 Bar (3500 kPa).*

- After setting, the end of the broken mandrel is retained, providing high resistance to vibration.

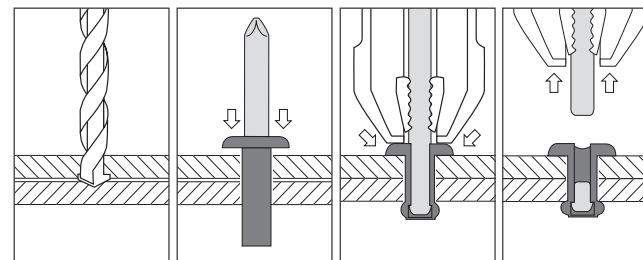
*Po zanitowaniu końcówka trzpienia pozostaje dostarczając wysoką odporność na wibracje.*

- Retained mandrel.

*Niepodzielony trzpień.*

### Specific applications / Zastosowanie

- Car body production. / *Motoryzacja.*
- Construction industry. / *Budownictwo.*
- Tank construction and apparatus engineering. / *Cysterny.*
- Container construction. / *Kontenery.*
- Air-conditioning. / *Klimatyzacja.*
- Shipbuilding construction, etc. / *Przemysł stoczniowy itp.*



### Recommended tools / Zalecane narzędzia :





## WAD ZAMKNIĘTA Dome head / Kołnierz półkulisty

Aluminium / Aluminium

Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 3.2     | WAD3206 | 6.5     | 6.0                  | 0.5-2.0           | 3.3                                                                               | 1 070                                                                             | 1 245                                                                             |
|         | WAD3208 | 8.0     |                      | 2.0-3.5           |                                                                                   |                                                                                   |                                                                                   |
|         | WAD3210 | 9.5     |                      | 3.5-5.0           |                                                                                   |                                                                                   |                                                                                   |
|         | WAD3212 | 12.7    |                      | 6.5-8.0           |                                                                                   |                                                                                   |                                                                                   |
| 4.0     | WAD4008 | 8.0     | 8.0                  | 0.5-3.5           | 4.1                                                                               | 1 710                                                                             | 2 240                                                                             |
|         | WAD4010 | 9.5     |                      | 3.5-4.5           |                                                                                   |                                                                                   |                                                                                   |
|         | WAD4012 | 12.7    |                      | 6.5-8.0           |                                                                                   |                                                                                   |                                                                                   |
|         | WAD4015 | 15.0    |                      | 8.0-10.5          |                                                                                   |                                                                                   |                                                                                   |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4.8     | WAD4808 | 8.0     | 9.5                  | 1.0-3.0           | 4.9                                                                                 | 2 230                                                                               | 3 070                                                                               |
|         | WAD4810 | 9.5     |                      | 3.0-4.5           |                                                                                     |                                                                                     |                                                                                     |
|         | WAD4812 | 12.5    |                      | 6.0-7.5           |                                                                                     |                                                                                     |                                                                                     |
|         | WAD4814 | 14.0    |                      | 7.5-9.0           |                                                                                     |                                                                                     |                                                                                     |
|         | WAD4816 | 16.0    |                      | 9.0-11.0          |                                                                                     |                                                                                     |                                                                                     |
|         | WAD4818 | 18.0    |                      | 11.0-13.0         |                                                                                     |                                                                                     |                                                                                     |
|         | WAD4821 | 21.0    |                      | 13.0-16.0         |                                                                                     |                                                                                     |                                                                                     |
|         | WAD4825 | 25.0    |                      | 16.0-20.0         |                                                                                     |                                                                                     |                                                                                     |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 6.4     | WAD6412 | 12.5    | 12.7                 | 1.5-6.0           | 6.5                                                                                 | 3 950                                                                               | 5 000                                                                               |
|         | WAD6416 | 16.0    |                      | 6.0-8.0           |                                                                                     |                                                                                     |                                                                                     |

## WAL ZAMKNIĘTA Large head / Kołnierz powiększony

Aluminium / Aluminium

Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4.8     | WAL4813 | 13.0    | 14.0                 | 6.5-8.0           | 4.9                                                                                 | 2 230                                                                               | 3 070                                                                               |
|         | WAL4818 | 18.0    |                      | 10.0-13.0         |                                                                                     |                                                                                     |                                                                                     |







SEALED RIVET / NIT SZCZELNY

Scell-it®

## WAK ZAMKNIĘTA 120° countersunk head / Kołnierz stożkowy 120°

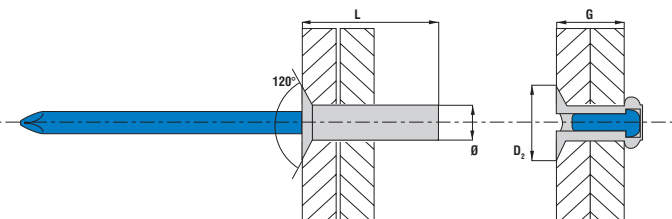
Aluminium / Aluminium

Steel / Stal

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 3.2 | WAK3207 | 7.5  | 6.0            | 1.5-3.0     | 3.3 | 1 070 | 1 245 |
|     | WAK3209 | 9.0  |                | 3.0-4.5     |     |       |       |
|     | WAK3212 | 12.0 |                | 6.0-7.5     |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.0 | WAK4009 | 9.5  | 7.5            | 2.5-4.5     | 4.1 | 1 710 | 2 240 |
|     | WAK4012 | 12.5 |                | 6.5-8.0     |     |       |       |
|     | WAK4014 | 14.0 |                | 8.0-9.5     |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.8 | WAK4809 | 9.5  | 9.0            | 3.0-4.5     | 4.9 | 2 230 | 3 070 |
|     | WAK4812 | 12.5 |                | 6.0-7.5     |     |       |       |
|     | WAK4814 | 14.0 |                | 7.5-9.0     |     |       |       |
|     | WAK4815 | 15.5 |                | 9.0-10.5    |     |       |       |
|     | WAK4819 | 19.0 |                | 10.5-14.0   |     |       |       |



## WSD ZAMKNIĘTA Dome head / Kołnierz półkulisty

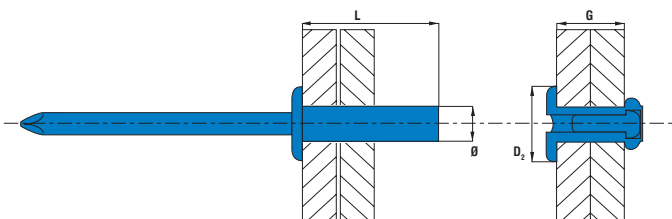
Steel / Stal

Steel / Stal

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 3.2 | WSD3208 | 8.0  | 6.0            | 1.5-3.0     | 3.3 | 1 600 | 2 100 |
|     | WSD3209 | 9.5  |                | 3.0-5.0     |     |       |       |
|     | WSD3212 | 12.0 |                | 5.0-6.5     |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.0 | WSD4008 | 8.0  | 8.0            | 1.5-3.0     | 4.1 | 2 300 | 2 500 |
|     | WSD4009 | 10.0 |                | 3.0-5.0     |     |       |       |
|     | WSD4012 | 12.0 |                | 5.0-6.5     |     |       |       |
|     | WSD4015 | 15.0 |                | 6.5-10.5    |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.8 | WSD4809 | 9.5  | 9.5            | 3.0-5.0     | 4.9 | 2 900 | 3 800 |
|     | WSD4812 | 12.0 |                | 5.0-6.5     |     |       |       |
|     | WSD4816 | 16.0 |                | 6.5-10.5    |     |       |       |



Drilling  
Wiertło



Shear  
Scinanie



Tensile  
Wrywanie



## WND ZAMKNIĘTA Dome head / Kołnierz półkulisty



Aluminium / Aluminium

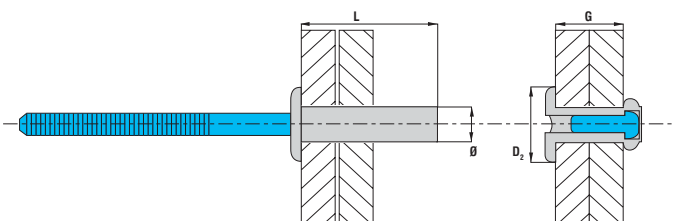


Stainless steel A2 / Stal nierdzewna A2

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |   |   |
|---------|---------|---------|----------------------|-------------------|--|---|---|
| 3.2     | WND3206 | 6.5     | 6.0                  | 0.5-2.0           |  |   |   |
|         | WND3208 | 8.0     |                      | 2.0-3.5           |  |   |   |
|         | WND3209 | 9.5     |                      | 3.5-5.0           |  |   |   |
|         | WND3212 | 12.7    |                      | 6.5-8.0           |  |   |   |
|         |         |         |                      |                   |  | N | N |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |   |   |
|---------|---------|---------|----------------------|-------------------|--|---|---|
| 4.0     | WND4008 | 8.0     | 8.0                  | 0.5-3.5           |  |   |   |
|         | WND4009 | 9.5     |                      | 3.5-5.0           |  |   |   |
|         | WND4012 | 12.7    |                      | 6.5-8.0           |  |   |   |
|         |         |         |                      |                   |  | N | N |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |   |   |
|---------|---------|---------|----------------------|-------------------|--|---|---|
| 4.8     | WND4809 | 9.5     | 9.5                  | 3.0-4.5           |  |   |   |
|         | WND4812 | 12.5    |                      | 6.0-7.5           |  |   |   |
|         | WND4814 | 14.0    |                      | 7.5-9.0           |  |   |   |
|         | WND4816 | 16.0    |                      | 9.0-11.0          |  |   |   |
|         | WND4818 | 18.0    |                      | 11.0-13.0         |  |   |   |
|         | WND4821 | 21.0    |                      | 13.0-16.0         |  |   |   |
|         |         |         |                      |                   |  | N | N |



## WTD ZAMKNIĘTA Dome head / Kołnierz półkulisty



Stainless steel A2 / Stal nierdzewna A2

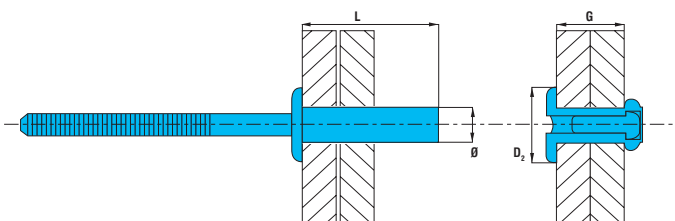


Stainless steel A2 / Stal nierdzewna A2

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |   |   |
|---------|---------|---------|----------------------|-------------------|--|---|---|
| 3.2     | WTD3206 | 6.0     | 6.0                  | 0.5-1.5           |  |   |   |
|         | WTD3208 | 8.0     |                      | 1.5-3.0           |  |   |   |
|         | WTD3209 | 9.5     |                      | 3.0-5.0           |  |   |   |
|         | WTD3212 | 12.0    |                      | 5.0-7.0           |  |   |   |
|         |         |         |                      |                   |  | N | N |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |   |   |
|---------|---------|---------|----------------------|-------------------|--|---|---|
| 4.0     | WTD4006 | 6.0     | 8.0                  | 0.5-1.5           |  |   |   |
|         | WTD4008 | 8.0     |                      | 1.5-3.0           |  |   |   |
|         | WTD4009 | 9.5     |                      | 3.0-5.0           |  |   |   |
|         | WTD4012 | 12.0    |                      | 5.0-6.5           |  |   |   |
|         | WTD4016 | 16.0    |                      | 6.5-10.5          |  |   |   |
|         |         |         |                      |                   |  | N | N |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |   |   |
|---------|---------|---------|----------------------|-------------------|--|---|---|
| 4.8     | WTD4809 | 9.5     | 9.5                  | 3.0-5.0           |  |   |   |
|         | WTD4812 | 12.0    |                      | 5.0-6.5           |  |   |   |
|         | WTD4816 | 16.0    |                      | 6.5-10.5          |  |   |   |
|         | WTD4820 | 20.0    |                      | 10.5-14.0         |  |   |   |
|         |         |         |                      |                   |  |   |   |
|         |         |         |                      |                   |  | N | N |





SEALED RIVET / NIT SZCZELNY

Scell-it®

## WHD ZAMKNIĘTA Dome head / Kołnierz półkulisty



Aluminium / Aluminium

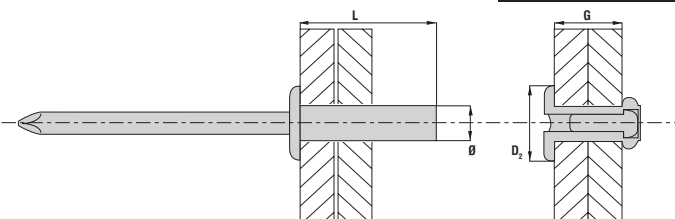


Aluminium / Aluminium

| Ø   | Ref     | L   | D <sub>2</sub> | G (min-max) |     |     |     |
|-----|---------|-----|----------------|-------------|-----|-----|-----|
| mm  |         | mm  | mm             | mm          | mm  | N   | N   |
| 3.2 | WHD3208 | 8.0 | 6.0            | 0.5-3.5     | 3.3 | 450 | 490 |
|     | WHD3209 | 9.5 |                | 3.5-5.5     |     |     |     |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |     |     |
|-----|---------|------|----------------|-------------|-----|-----|-----|
| mm  |         | mm   | mm             | mm          | mm  | N   | N   |
| 4.0 | WHD4010 | 9.5  | 8.0            | 0.5-5.0     | 4.1 | 580 | 820 |
|     | WHD4012 | 12.5 |                | 5.0-8.0     |     |     |     |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     |     |       |
|-----|---------|------|----------------|-------------|-----|-----|-------|
| mm  |         | mm   | mm             | mm          | mm  | N   | N     |
| 4.8 | WHD4809 | 9.5  | 9.5            | 1.0-4.5     | 4.9 | 900 | 1 120 |
|     | WHD4811 | 11.5 |                | 4.5-6.5     |     |     |       |
|     | WHD4814 | 14.5 |                | 6.5-9.5     |     |     |       |
|     | WHD4818 | 18.0 |                | 9.5-13.0    |     |     |       |



## WRD ZAMKNIĘTA Dome head / Kołnierz półkulisty

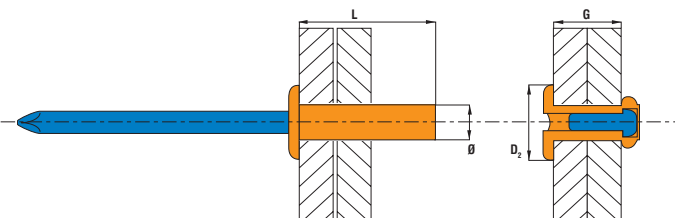


Copper / Miedź



Steel / Stal

| Ø   | Ref     | L   | D <sub>2</sub> | G (min-max) |     |     |       |
|-----|---------|-----|----------------|-------------|-----|-----|-------|
| mm  |         | mm  | mm             | mm          | mm  | N   | N     |
| 3.2 | WRD3208 | 8.0 | 3.2            | 1.5-3.0     | 3.3 | 850 | 1 300 |
|     | WRD3210 | 9.5 |                | 2.5-4.5     |     |     |       |



Drilling  
Wiertło



Shear  
Scinanie



Tensile  
Wrywanie

BLIND RIVETS  
Nit zrywalny

**Scell-it®**

**The + of Scell-it**  
Plusy Scell-it

Any RAL color available.  
A Nity kolorowe na zamówienie  
(zgodne z paletą RAL).

Available with large head  
on demand.  
Dostępny z powiększonym  
kołnierzem.

The rivets are produced in  
our factory which is  
certified ISO 9001.  
Nity są produkowane w  
fabryce posiadającej  
certyfikat ISO 9001.

UNIT PLANT CERTIFICATES



ISO 9001:2000  
TS 16949

## TRIFORM RIVET / NIT TRIFORM



### Advantages / Zalety

- The triform rivet is constructed in a special way : during setting, the rivet body splits up in 3 parts, preventing the material from being damaged.

*Nit TRIFORM posiada specjalną budowę : podczas nitowania, nit rozkłada się w 3 kierunkach, zapobiegając uszkodzeniu materiału.*

- Ideal to assemble plastic materials.

*Idealny do stosowania z elementami plastikowymi.*

- Anti-corrosion (all in aluminium).

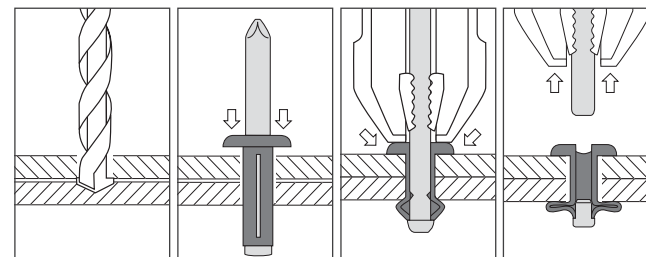
*Odporny na korozję (cały z aluminium).*

- Especially suitable for soft or brittle material.

*Przeznaczony do nitowania w materiałach miękkich i kruchych.*

### Specific applications / Zastosowanie

- Fixing of licence plates. / Mocowanie tablic rejestracyjnych.
- Plastic materials. / Materiały plastikowe.
- Joining wood, etc. / Drewno itp.



### Recommended tools / Zalecane narzędzia :





TRIFORM RIVET / NIT TRIFORM

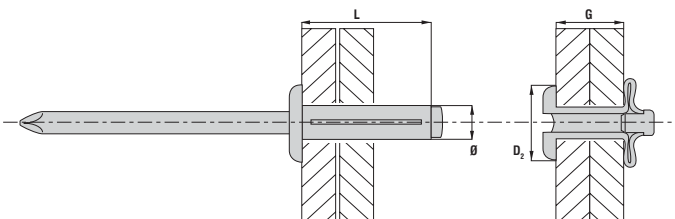
## ED TRIFORM Dome head / Kołnierz półkulisty

 Aluminium / Aluminium

 Aluminium / Aluminium

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|--------|------|----------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm  |        | mm   | mm             | mm          | mm                                                                                | N                                                                                 | N                                                                                 |
| 4.0 | ED4013 | 13.6 | 8.0            | 1.0-3.0     | 4.2                                                                               | 500                                                                               | 800                                                                               |
|     | ED4018 | 18.8 |                | 3.0-7.0     |                                                                                   |                                                                                   |                                                                                   |

| Ø   | Ref    | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|--------|------|----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |        | mm   | mm             | mm          | mm                                                                                  | N                                                                                   | N                                                                                   |
| 4.8 | ED4815 | 15.3 | 9.6            | 1.0-3.0     | 5.0                                                                                 | 800                                                                                 | 1 100                                                                               |
|     | ED4820 | 20.5 |                | 3.0-9.0     |                                                                                     |                                                                                     |                                                                                     |
|     | ED4824 | 24.5 |                | 5.0-12.0    |                                                                                     |                                                                                     |                                                                                     |

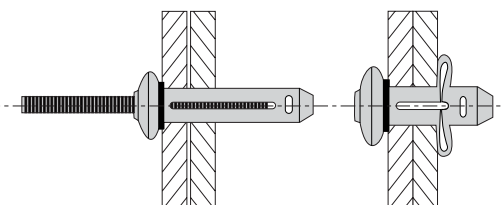


## WED TRIFORM Dome head / Kołnierz półkulisty

 Aluminium / Aluminium

 Aluminium / Aluminium

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                  | N                                                                                   | N                                                                                   |
| 5.2 | WED5217 | 17.5 | 5.2            | 0.5-4.8     | 5.3-5.5                                                                             | 3290                                                                                | 2040                                                                                |
|     | WED5222 | 22.2 |                | 4.8-9.5     |                                                                                     |                                                                                     |                                                                                     |
|     | WED5225 | 25.4 |                | 7.9-12.7    |                                                                                     |                                                                                     |                                                                                     |
|     | WED5229 | 28.6 |                | 11.1-15.9   |                                                                                     |                                                                                     |                                                                                     |
|     | WED5232 | 31.8 |                | 14.3-19.1   |                                                                                     |                                                                                     |                                                                                     |



**Scell-it®**

**The + of Scell-it**  
Plusy Scell-it

Wide range going from  
3.2 to 6.4 and length 6  
to 80 mm.

*Srednica od 3.2 do 6.4 i długość  
od 6 do 80 mm.*

Any RAL color available.

*A Nity kolorowe na zamówienie  
(zgodne z paletą RAL).*

All product range  
RoHS compliant.

*Spełniają normę  
RoHS.*



The rivets are produced  
in our factory which is  
certified ISO 9001.

*Nity są produkowane w  
fabryce posiadającej certyfikat  
ISO 9001.*

UNIT PLANT CERTIFICATES



ISO 9001:2000  
TS 16949

## PEEL RIVET / NIT ROZKŁADANY



### Advantages / Zalety

- **The mandrel of peel rivet is constructed in such a way, that it cuts the end of the rivet body into four 'petals' which clamp the material and spread the load over a wide area.**

*Trzpień tego nita jest tak zbudowany, że odcina końcówkę części nitującej tworząc 4 "zaczepy" które rozwierają się na powierzchni materiału tworząc zacisk.*

- **The risk of breaking brittle material or sinking into soft material is strongly reduced.**

*Ryzyko uszkodzenia kruchych lub miękkich materiałów jest znacznie zredukowane.*

- **Is ideal for soft or thin materials.**

*Idealny do nitowania w materiałach miękkich i cienkich.*

- **Covers well the imperfect drill hole.**

*Maskuje niedokładnie wywiercone otwory.*

- **Very resistant to traction.**

*Bardzo odporny na rozciąganie.*

- **Anti-corrosion.**

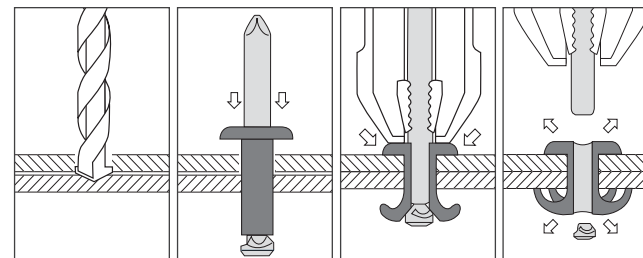
*Odporny na korozję.*

- **Exists in black, blue, yellow or white (for licence plates).**

*Dostępny w kolorach: czarny, niebieski, żółty lub biały (tablice rejestracyjne).*

### Specific applications / Zastosowanie

- **Mounting of plastic elements.** / *Mocowanie elementów plastikowych.*
- **Mounting of wooden elements.** / *Mocowanie elementów drewnianych.*
- **Construction of mobile homes.** / *Przyczepy kempingowe.*
- **Fixing of panelling, etc.** / *Mocowanie paneli itp.*



### Recommended tools / Zalecane narzędzia :



**element®**  
hand & power tools system



## PEEL RIVET / NIT ROZKŁADANY

Scell-it®

### PAD ROZKŁADANY Dome head / Kołnierz półkulisty

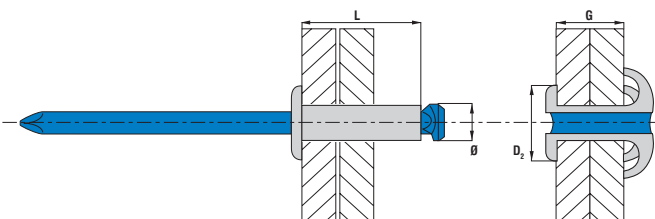
Aluminium / Aluminium

Steel / Stal

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.0 | PAD4010 | 10.0 | 8.0            | 1.5-5.0     | 4.2 | 1 260 | 1 150 |
|     | PAD4012 | 12.0 |                | 4.0-6.5     |     |       |       |
|     | PAD4014 | 14.0 |                | 6.0-9.0     |     |       |       |
|     | PAD4016 | 16.0 |                | 8.0-11.0    |     |       |       |
|     | PAD4018 | 18.0 |                | 10.0-13.0   |     |       |       |
|     | PAD4020 | 20.0 |                | 12.0-15.0   |     |       |       |
|     | PAD4025 | 25.0 |                | 15.0-20.0   |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.8 | PAD4810 | 10.0 | 9.5            | 0.5-4.0     | 5.0 | 1 855 | 1 600 |
|     | PAD4812 | 12.0 |                | 2.0-6.0     |     |       |       |
|     | PAD4814 | 14.0 |                | 4.0-8.0     |     |       |       |
|     | PAD4816 | 16.0 |                | 6.0-10.0    |     |       |       |
|     | PAD4818 | 18.0 |                | 8.0-12.0    |     |       |       |
|     |         |      |                |             |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.8 | PAD4820 | 20.0 | 9.5            | 10.0-14.0   | 5.0 | 1 855 | 1 600 |
|     | PAD4825 | 25.0 |                | 16.0-19.0   |     |       |       |
|     | PAD4830 | 30.0 |                | 19.0-24.0   |     |       |       |
|     | PAD4835 | 35.0 |                | 24.0-29.0   |     |       |       |
|     | PAD4840 | 40.0 |                | 29.0-34.0   |     |       |       |
|     |         |      |                |             |     |       |       |



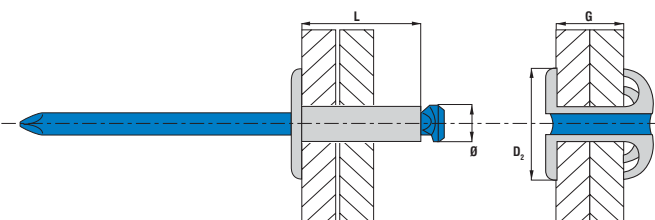
### PAL ROZKŁADANY Large head / Kołnierz powiększony

Aluminium / Aluminium

Steel / Stal

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.0 | PAL4012 | 12.0 | 10.0           | 4.0-6.5     | 4.2 | 1 260 | 1 150 |
|     | PAL4016 | 16.0 |                | 8.0-11.0    |     |       |       |

| Ø   | Ref     | L    | D <sub>2</sub> | G (min-max) |     | N     | N     |
|-----|---------|------|----------------|-------------|-----|-------|-------|
| mm  |         | mm   | mm             | mm          | mm  |       |       |
| 4.8 | PAL4812 | 12.0 | 14.0           | 2.0-6.0     | 5.0 | 1 855 | 1 600 |
|     | PAL4816 | 16.0 |                | 6.0-10.0    |     |       |       |
|     | PAL4820 | 20.0 |                | 10.0-14.0   |     |       |       |
|     | PAL4825 | 25.0 |                | 16.0-19.0   |     |       |       |
|     | PAL4830 | 30.0 |                | 19.0-24.0   |     |       |       |



Drilling  
Wiertło



Shear  
Scinanie



Tensile  
Wrywanie



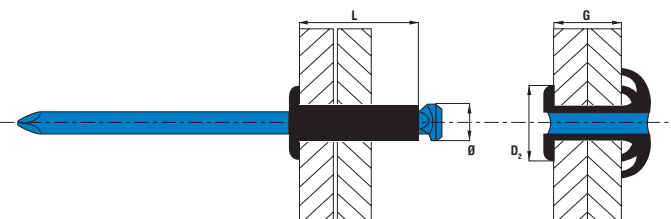
## PBD ROZKŁADANY Dome painted in head black color RAL 9005 / Kołnierz półkulisty czarny

Aluminium / Aluminium

Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm | <br>mm | <br>N | <br>N |
|---------|---------|---------|----------------------|-------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 4.0     | PBD4012 | 12.0    | 8.0                  | 4.0-6.5           | 4.2                                                                                     | 1 260                                                                                  | 1 150                                                                                  |
|         | PBD4016 | 16.0    |                      | 8.0-11.0          |                                                                                         |                                                                                        |                                                                                        |
|         | PBD4020 | 20.0    |                      | 12.0-15.0         |                                                                                         |                                                                                        |                                                                                        |

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm | <br>mm | <br>N | <br>N |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 4.8     | PBD4812 | 12.0    | 9.5                  | 2.0-6.0           | 5.0                                                                                       | 1 855                                                                                    | 1 600                                                                                    |
|         | PBD4816 | 16.0    |                      | 6.0-10.0          |                                                                                           |                                                                                          |                                                                                          |
|         | PBD4820 | 20.0    |                      | 10.0-14.0         |                                                                                           |                                                                                          |                                                                                          |
|         | PBD4825 | 25.0    |                      | 16.0-19.0         |                                                                                           |                                                                                          |                                                                                          |

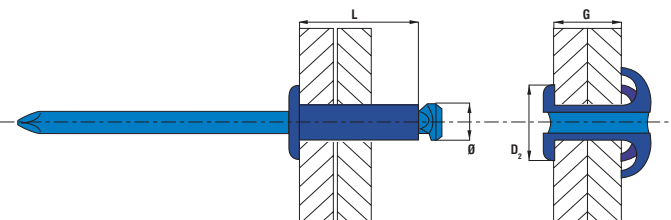


## PBLD ROZKŁADANY Dome head painted in blue color / Kołnierz półkulisty niebieski

Aluminium / Aluminium

Steel / Stal

| Ø<br>mm | Ref      | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm | <br>mm | <br>N | <br>N |
|---------|----------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 4.0     | PBLD4016 | 16.0    | 8.0                  | 8.0-11.0          | 4.2                                                                                       | 1 260                                                                                    | 1 150                                                                                    |







## PEEL RIVET / NIT ROZKŁADANY

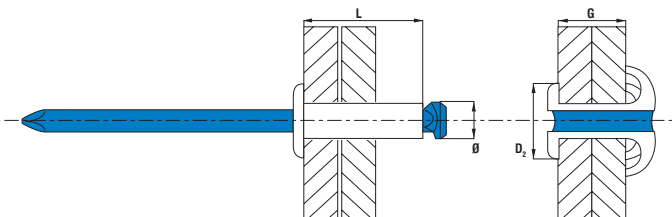
**Scell-it®**

### PWD ROZKŁADANY Dome head painted in white color RAL 9003 / Kołnierz półkulisty biały

 Aluminium / Aluminium

 Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                   | N                                                                                 | N                                                                                 |
| 4.0     | PWD4016 | 16.0    | 8.0                  | 8.0-11.0          | 4.2                                                                               | 1 260                                                                             | 1 150                                                                             |

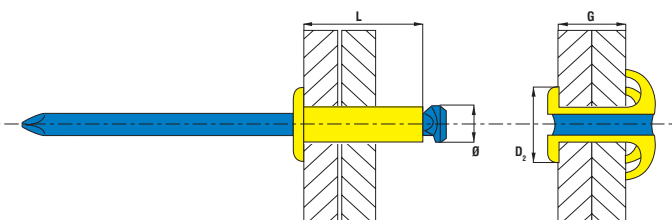


### PYD ROZKŁADANY Dome head painted in yellow color / Kołnierz półkulisty żółty

 Aluminium / Aluminium

 Steel / Stal

| Ø<br>mm | Ref     | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|---------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |         |         |                      |                   |                                                                                     | N                                                                                   | N                                                                                   |
| 4.0     | PYD4016 | 16.0    | 8.0                  | 8.0-11.0          | 4.2                                                                                 | 1 260                                                                               | 1 150                                                                               |
|         | PYD4020 | 20.0    |                      | 12.0-15.0         |                                                                                     |                                                                                     |                                                                                     |



**Scell-it®**

**The + of Scell-it**  
**Plusy Scell-it**

Available in large head  
on demand.

Dostępny z powiększonym  
kołnierzem.

All product range  
RoHS compliant.

Spełniają normę  
RoHS.



The rivets are produced  
in our factory which is  
certified ISO 9001.

Nity są produkowane w  
fabryce posiadającej certyfikat  
ISO 9001.

UNIT PLANT CERTIFICATES



ISO 9001:2000  
TS 16949

## GROOVED RIVET / NIT KARBOWANY



### Advantages / Zalety

- The grooved rivets provide a strong connection into dense materials like wood and plastics.
- During setting, the rivet body expands and the grooves bite into the material, creating a strong connection.

Zapewniają silne połączenie w materiałach o dużej ściśliwości jak drewno i plastik.

Podczas nitowania nit pęcznieje a dzięki karbowaniu "wcina" się w materiał tworząc silne połączenie.

- For riveting in blind/pocket holes.
- For soft metallic and nonmetallic materials (e.g. wood, plastic etc.)

Nitowanie w otworach nie przelotowych.

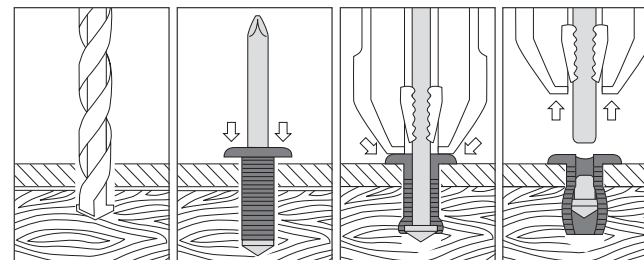
Nitowanie w materiałach miękkich i nieżelaznych.

- Strong connection.

Wyjątkowo silne połączenie.

### Specific applications / Zastosowanie

- Furniture industry. / Meblarstwo.
- Completion of the interior (panelling). / Montaż paneli.
- Wood and plastic working industry. / Konstrukcje z drewna i tworzyw sztucznych.
- Car body production, etc. / Motoryzacja, itp.



### Recommended tools / Zalecane narzędzia :





## GROOVED RIVET / NIT KARBOWANY

**Scell-it®**

### GD KARBOWANY Dome head / Kołnierz półkulisty



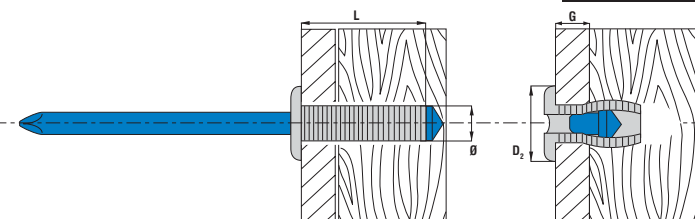
Aluminium / Aluminium



Steel / Stal

| Ø<br>mm | Ref    | L<br>mm | D <sub>2</sub><br>mm | G (max)<br>mm |  mm |  N |  N |
|---------|--------|---------|----------------------|---------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4.0     | GD4008 | 8.0     | 8.0                  | 4.0           | 4.3                                                                                  | 885                                                                                 | 1 410                                                                               |
|         | GD4010 | 10.0    |                      | 6.0           |                                                                                      |                                                                                     |                                                                                     |
|         | GD4012 | 12.0    |                      | 8.0           |                                                                                      |                                                                                     |                                                                                     |
|         | GD4016 | 16.0    |                      | 12.0          |                                                                                      |                                                                                     |                                                                                     |

| Ø<br>mm | Ref    | L<br>mm | D <sub>2</sub><br>mm | G (max)<br>mm |  mm |  N |  N |
|---------|--------|---------|----------------------|---------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 4.8     | GD4810 | 10.0    | 9.5                  | 6.0           | 5.1                                                                                    | 1 185                                                                                 | 1 575                                                                                 |
|         | GD4811 | 11.0    |                      | 7.0           |                                                                                        |                                                                                       |                                                                                       |
|         | GD4814 | 14.0    |                      | 10.0          |                                                                                        |                                                                                       |                                                                                       |
|         | GD4816 | 16.0    |                      | 12.0          |                                                                                        |                                                                                       |                                                                                       |



**Scell-it®**

**The + of Scell-it**  
Plusy Scell-it

Only one diameter.  
*Jeden o średnicy.*

Extra large head.  
*Kolnier extra powiększony*

Many lengths available.  
*Dostępne w wielu długościach.*

The rivets are produced in our factory which is certified ISO 9001.  
*Nity są produkowane w fabryce posiadającej certyfikat ISO 9001.*

UNIT PLANT CERTIFICATES



ISO 9001:2000  
TS 16949

## HAMMERDRIVE RIVET / NIT WBIJANY



### Advantages / Zalety

- Hammerdrive rivets are very easy to set: by hitting the mandrel with a hammer, the rivet is being pushed like a plug at the bottom side.

*Bardzo łatwy w użyciu, nitowanie przy pomocy młotka. Podczas wbijania następuje spężnienie w otworze*

- After setting, the mandrel is locked in the body .

*Po wbiciu trzpień pozostaje w zacisku .*

- Different material combinations (wood, plastic, concrete, metal etc.)

*Can be riveted either with through hole (1) or pocket hole (2).*

*Zastosowanie w różnych materiałach (drewno, plastik, beton, metal itp.)*

*Nitowanie w otworach przelotowych (1) i nie przelotowych (2).*

### Specific applications / Zastosowanie

- Ideal for finishing the swimming pool liners and roofing.

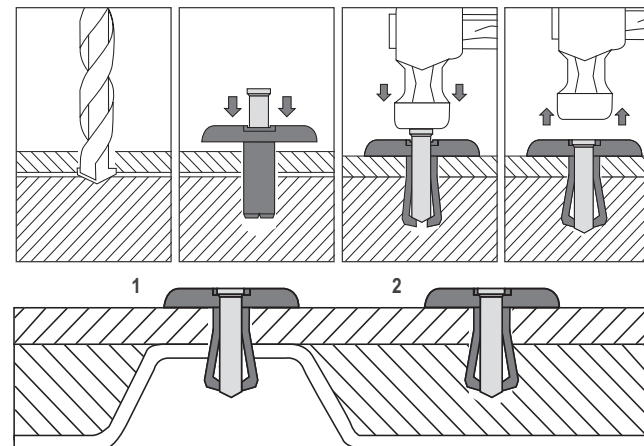
*Idealny dla wykończeń elementów basenowych.*

- Blind installation and closed utilisation. / Idealny dla wykończeń elementów basenowych.

- Roofing. / Konstrukcje dachowe.

- Building. / Budownictwo.

- Connections in stone, brick or concrete, etc. / Nitowanie w kamieniu, betonie, cegle itp.





**HAMMERDRIVE RIVET** / NIT WBIJANY

## DNX WBIJANY Extra large head / Kolnierz extra powiększony



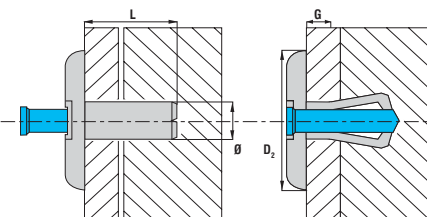
**Aluminium** / *Aluminium*



**Stainless steel A2** / *Stal nierdzewna A2*

Ø

|     | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          |                                                                                   | N                                                                                 | N                                                                                 |
| 4.8 | DNX4816 | 16.0 | 16.0           | 11.5-13.0   | 4.9                                                                               | 4 900                                                                             | 2 950                                                                             |
|     | DNX4820 | 20.0 |                | 15.5-17.0   |                                                                                   |                                                                                   |                                                                                   |
|     | DNX4825 | 25.0 |                | 20.5-22.0   |                                                                                   |                                                                                   |                                                                                   |
|     | DNX4830 | 30.0 |                | 25.5-26.0   |                                                                                   |                                                                                   |                                                                                   |
|     | DNX4835 | 35.0 |                | 30.5-31.0   |                                                                                   |                                                                                   |                                                                                   |
|     | DNX4840 | 40.0 |                | 35.5-36.0   |                                                                                   |                                                                                   |                                                                                   |





## The + of Scell-it Plusy Scell-it

Scell-it offers you a complete range of the fixing for the structure assembly.

*Scell-it oferuje pełny zakres amocowań strukturalnych.*

There are multiple solutions because our fixing enables a blinded putting in onto different supports (aluminium, composite, steel, stainless steel...) or the traditional assembly with the access from the two sides of the support.

*Istnieje tak wiele rozwiązań ponieważ możliwy jest montaż w różnych materiałach (aluminium, stali, stali nierdzewnej...) lub standardowego montażu dwustronnego.*

The rivets are available in a wide range of materials :

*Nity wykonane są z różnych materiałów :*

• Aluminium-Steel

*Aluminium-Stal*

• Aluminium-Aluminium

*Aluminium-Aluminium*

• Steel-Steel

*Stal-Stal*

• Stainless steel-Stainless steel

*Stal nierdzewna-Stal nierdzewna*

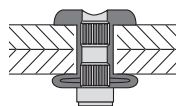
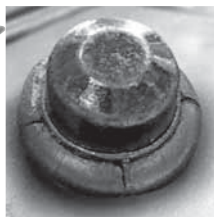
They resist to corrosion, traction, shear.

*Są odporne na korozję, zaciąganie, ścinanie.*

# STRUCTURAL RIVETS / DIFFERENT GRIPPINGS

NITY STRUKTURALNE / RODZAJE ZACISKÓW

## HYPERIV



The Hyperiv rivet is a blinded double locking fixing (superior part and inferior part), which deforms when forming a large blind side bearing area behind the assembled pieces without damaging them. At the moment of setting, the rivet forms a *contre tete* behind the piece to be assembled. The knurled mandrill of the rivet has two levels which make the assembly unloosable.

*Nit Hyperiv jest nitem zamkniętym podwójnie. Na końcu trzpienia poza łączonymi materiałami podczas zaciągania tworzy się wytrzymałe szczelne zamknięcie bez ich uszkodzenia. Radełkowany trzpień nita posiada dwa poziomy, które sprawiają, że nit jest bardzo stabilny.*

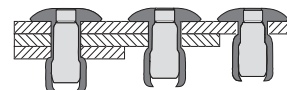
### Diameter / Średnica

4.8 - 6.4 - 6.5 - 7.8 mm

### Material / Material

- Steel / *Stal*
- Aluminium / *Aluminium*
- Stainless steel A2 / *Stal nierdzewna A2*

## SUPERIV



The Superiv rivet is a multi grip structure rivet. The cone-shaped mandrill enters into the body of the rivet at the moment of setting and is blocked in the piece to assemble in a lateral expansion.

*Nit Superiv jest strukturalnym nitem multi-grip. Podczas zaciągania stożkowo zakończony trzpień nita powoduje spęczenie części nitującej, która zostaje w ten sposób zablokowana w nitowanym materiale.*

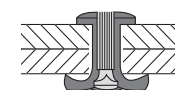
### Diameter / Średnica

4.8 - 6.5 mm

### Material / Material

- Steel / *Stal*
- Aluminium / *Aluminium*
- Stainless steel A2 / *Stal nierdzewna*

## T-LOCK



The T-Lock rivet is a blind rivet which opens in three parts at the moment of setting. It enables a fixing of the profiles on the composite materials. The head of the mandrill is maintained inside the rivet which increases its big shear resistance.

*Nit T-Lock jest nitem, który «otwiera się» na trzy części w momencie montażu. Umożliwia montaż profili materiałów kompozytowych. Główna trzpienia osadza się wewnątrz części nitującej przez co zwiększa się wytrzymałość na ścinanie.*

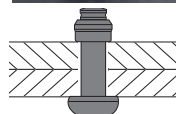
### Diameter / Średnica

6.4 mm

### Material / Material

- Aluminium-Steel / *Aluminium-Stal*

## HYPERBOLT



Hyperbolt is composed of a dowel and a ring. The tool sets the ring on the notches of the mandril or dowel. The mandril breaks at the right grip range.

*Hyperbolt składa się z kołka oraz pierścienia. Narzędzie osadza pierścień na nacięciach trzpień lub kołka. Trzpień zrywa się przy odpowiednim zakresie.*

### Diameter / Średnica

4.8 - 6.4 - 8.0 - 9.6 mm

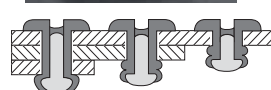
### Material / Material

- Steel / Stal
- Aluminium / Aluminium

### Grip range / Zakres nitowania

1.6 - 34.9 mm

## SUPERBOLT



Superbolt is a multi-grip dowel with a ring, the mandril cuts at the contact point of the tool. The mandril breaks at the level of the set ring.

*Superbolt jest kołkiem multi-grip z pierścieniem, trzpień zrywa się w miejscu styku z narzędziem. Trzpień zrywa się na poziomie założonego pierścienia.*

### Diameter / Średnica

4.8 - 6.4 mm

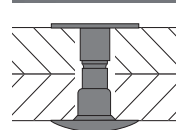
### Material / Material

- Steel / Stal
- Aluminium / Aluminium

### Grip range / Zakres nitowania

1.5 - 37.8 mm

## TAINERBOLT



The Tainerbolt is a fixing composed of two pieces to fix the woodsheet on the metallic structure of the containers or truck vans.

*Tainerbolt jest zamocowaniem składającym się z dwóch części do mocowania drewna z metalowym podkładem kontenerów lub samochodów ciężarowych.*

### Diameter / Średnica

10 mm

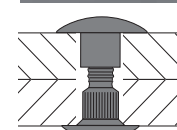
### Material / Material

- Steel / Stal

### Grip range / Zakres nitowania

14.3 - 33.3 mm

## TORKTAINER



The Torktainer is a fixing composed of two pieces to screw for fixing woodsheet on metal structure. There is no need for a special tool, only a bit is necessary.

*Torktainer jest zamocowaniem składającym się z dwóch części śrub do mocowania drewna z metalem. Nie ma potrzeby użycia specjalnego narzędzia, potrzebne jest tylko wiertło.*

### Diameter / Średnica

9.85 mm

### Material / Material

- Steel / Stal

### Grip range / Zakres nitowania

15.5 - 42.5 mm



**The + of Scell-it**  
**Plusy Scell-it**

Wide range going from diameter 4.8 to 7.8.  
*Szeroki zakres od średnicy 4,8 do 7,8.*

Bigger grip range in diameter 6.5.  
*Większy zakres ścisku w przypadku średnicy 6,5.*

Exist in steel and stainless steel (Diameter 6.4).  
*Dostępny w wersji stalowej i stali nierdzewnej (średnica 6,4).*

Plastic caps available for 6.4 and 6.5mm.  
*Plastikowa nakrętka dostępna dla średnicy 6,4 oraz 6,5 mm.*

## HYPERIV STRUCTURAL RIVET / NIT STRUKTURALNY

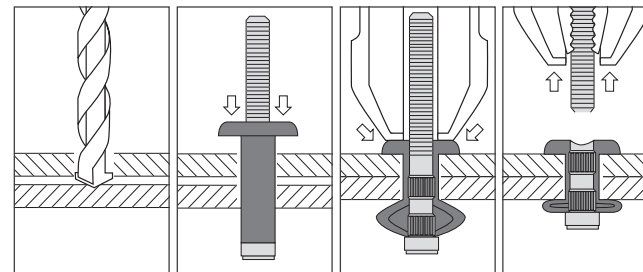


### Advantages / Zalety

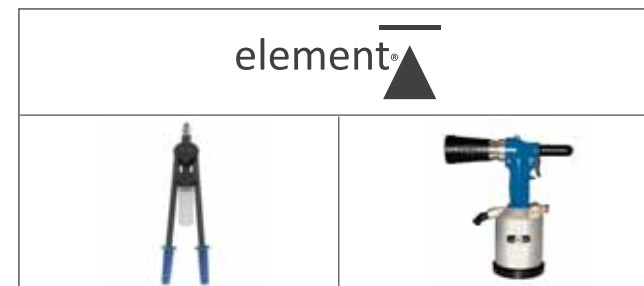
- **Constant fixing.**  
*Mocowania «na stałe».*
- **Does not damage the assembled pieces.**  
*Nie uszkadza łączonych materiałów.*
- **Excellent vibration and tensile resistance.**  
*Doskonała odporność na wibracje oraz wyrywanie.*
- **Assembly of thin plates.**  
*Łączenie cienkich materiałów.*
- **Fixing of multi-supports (aluminium, plastic, composite, steel, stainless steel).**  
*Mocowanie w wielu materiałach (aluminium, plastik, stopy metali, stal, stal nierdzewna).*
- **Easy blinded setting.**  
*Łatwy montaż.*

### Specific applications / Zastosowanie

- **Ideal for bolting.** / *Idealny do skręcania.*
- **Fixing of seats.** / *Montaż siedzeń.*
- **Signals boards.** / *Tablice sygnalizacyjne.*
- **Construction materials.** / *Materiały budowlane.*
- **Scaffolding.** / *Rusztowania.*
- **Lanterns, etc.** / *Lampiony itp..*



### Recommended tools / Zalecane narzędzia :







## STRUCTURAL RIVET HYPERIV / NIT STRUKTURALNY HYPERIV



### HPSD HYPERIV Dome head / Kołnierz półkulisty



Steel / Stal

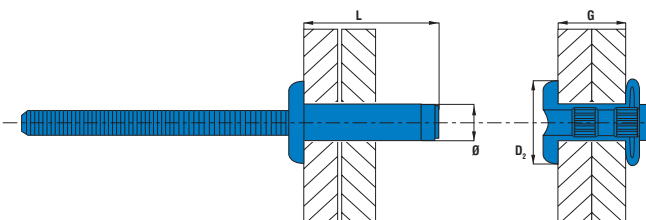


Steel / Stal

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max) |                 | N     | N     |
|-----|-----------|------|----------------|-------------|-----------------|-------|-------|
| mm  |           | mm   | mm             | mm          | mm              |       |       |
| 4.8 | HPSD48095 | 9.0  | 9.8            | 1.5-3.5     | 4.9<br>~<br>5.1 | 6 400 | 3 600 |
|     | HPSD48120 | 11.5 |                | 3.5-6.0     |                 |       |       |
|     | HPSD48140 | 14.0 |                | 6.0-8.5     |                 |       |       |
|     | HPSD48160 | 16.5 |                | 8.5-11.0    |                 |       |       |
|     | HPSD48200 | 19.0 |                | 11.0-13.5   |                 |       |       |

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max) |                 | N      | N     |
|-----|-----------|------|----------------|-------------|-----------------|--------|-------|
| mm  |           | mm   | mm             | mm          | mm              |        |       |
| 6.5 | HPSD64100 | 10.5 | 13.0           | 2.0-4.5     | 6.7<br>~<br>6.9 | 14 000 | 8 100 |
|     | HPSD64120 | 12.5 |                | 3.0-6.5     |                 |        |       |
|     | HPSD64140 | 14.5 |                | 5.0-8.5     |                 |        |       |
|     | HPSD64160 | 16.5 |                | 7.0-10.5    |                 |        |       |
|     | HPSD64180 | 18.5 |                | 9.0-12.5    |                 |        |       |
|     | HPSD65200 | 20.5 |                | 11.0-14.5   |                 |        |       |
|     | HPSD65220 | 22.5 |                | 13.0-16.5   |                 |        |       |

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max) |                 | N      | N     |
|-----|-----------|------|----------------|-------------|-----------------|--------|-------|
| mm  |           | mm   | mm             | mm          | mm              |        |       |
| 7.8 | HPSD78140 | 13.5 | 16.0           | 4.0-7.0     | 8.0<br>~<br>8.3 | 16 000 | 9 300 |
|     | HPSD78220 | 22.5 |                | 13.0-16.0   |                 |        |       |



### HPSK HYPERIV Countersunk head 120° / Kołnierz stożkowy 120°

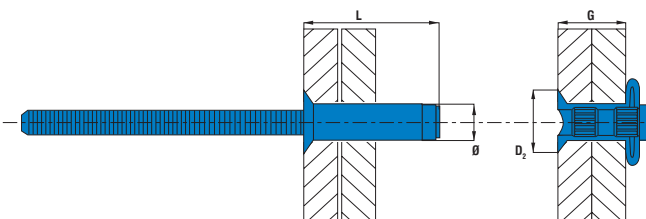


Steel / Stal



Steel / Stal

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max) |                 | N      | N     |
|-----|-----------|------|----------------|-------------|-----------------|--------|-------|
| mm  |           | mm   | mm             | mm          | mm              |        |       |
| 6.4 | HPSK64110 | 11.5 | 10.0           | 3.8-5.8     | 6.6<br>~<br>6.8 | 10 500 | 5 600 |
|     | HPSK64130 | 13.5 |                | 5.8-7.8     |                 |        |       |
|     | HPSK64150 | 15.5 |                | 7.8-9.8     |                 |        |       |
|     | HPSK64170 | 17.5 |                | 9.8-11.8    |                 |        |       |
|     | HPSK64190 | 19.5 |                | 11.8-13.8   |                 |        |       |



Drilling  
Wierć



Shear  
Ścinanie



Tensile  
Wyrwanie



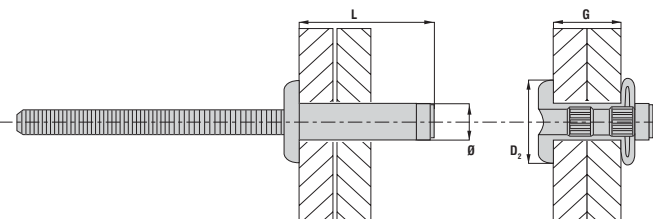
STRUCTURAL RIVET HYPERIV / NIT STRUKTURALNY HYPERIV

**HPHD** HYPERIV Dome head / Kołnierz półkulisty

 Aluminium / Aluminium

 Aluminium / Aluminium

| Ø<br>mm | Ref       | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|-----------|---------|----------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|         |           |         |                      |                   |                                                                                   | N                                                                                 | N                                                                                 |
| 6.4     | HPHD64100 | 10.5    | 13.0                 | 2.8-4.8           |  | 5 000                                                                             | 3 500                                                                             |
|         | HPHD64120 | 12.5    |                      | 4.8-6.8           |                                                                                   |                                                                                   |                                                                                   |
|         | HPHD64140 | 14.5    |                      | 6.8-8.8           |                                                                                   |                                                                                   |                                                                                   |
|         | HPHD64160 | 16.5    |                      | 8.8-10.8          |                                                                                   |                                                                                   |                                                                                   |
|         | HPHD64180 | 18.5    |                      | 10.8-12.8         |                                                                                   |                                                                                   |                                                                                   |

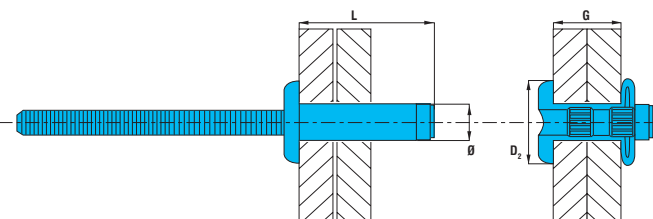


**HPTD** HYPERIV Dome head / Kołnierz półkulisty

 Stainless steel A2 / Stal nierdzewna A2

 Stainless steel A2 / Stal nierdzewna A2

| Ø<br>mm | Ref       | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  |  |  |
|---------|-----------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |           |         |                      |                   |                                                                                     | N                                                                                   | N                                                                                   |
| 6.4     | HPTD64100 | 10.5    | 13.0                 | 1.8-4.8           |  | 14 000                                                                              | 8 500                                                                               |
|         | HPTD64120 | 12.5    |                      | 3.8-6.8           |                                                                                     |                                                                                     |                                                                                     |
|         | HPTD64140 | 14.5    |                      | 4.8-8.8           |                                                                                     |                                                                                     |                                                                                     |
|         | HPTD64160 | 16.5    |                      | 6.8-10.8          |                                                                                     |                                                                                     |                                                                                     |
|         | HPTD64180 | 18.5    |                      | 8.8-12.8          |                                                                                     |                                                                                     |                                                                                     |
|         | HPTD64200 | 20.5    |                      | 11.0-14.5         |                                                                                     |                                                                                     |                                                                                     |



**Scell-it®**

**The + of Scell-it**  
Plusy Scell-it

Available in diameter 4.8-6.5  
and different forms of head.

Dostępne w średnicach od 4,8 do  
6,5 i różnych kształtach kołnierzy.

Exists in steel, stainless steel  
and aluminium.

Dostępny w wersji stalowej, ze stali  
nierdzewnej oraz aluminium.

Knurled mandrel reduces  
the abrasion of the jaws.

Radełkowany trzpień redukuje  
ścieranie szczęk.

## SUPERIV STRUCTURAL RIVET / NIT STRUKTURALNY

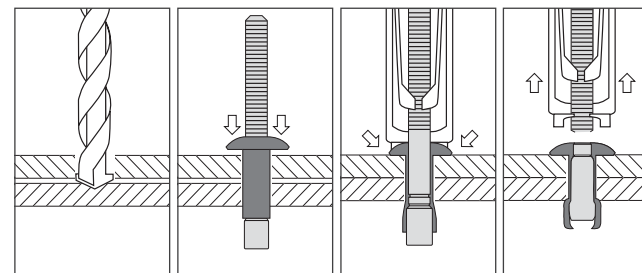


### Advantages / Zalety

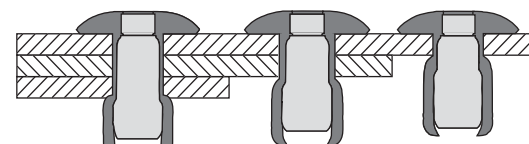
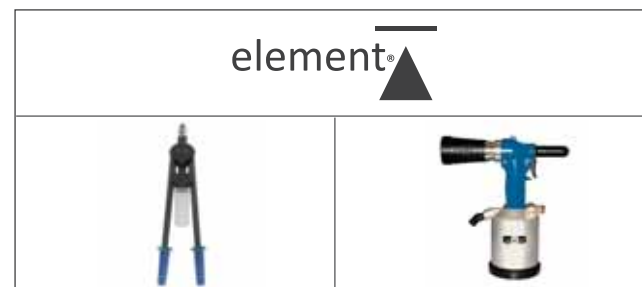
- **Easy use.**  
*Łatwy w użyciu.*
- **Large docking of the assembled pieces.**  
*Duża powierzchnia połączenia materiału.*
- **Shear resistance.**  
*Odporny na ścieranie.*
- **Resistance to vibrations.**  
*Odporny na wibracje.*
- **Large grip range.**  
*Duży zakres łączenia.*

### Specific applications / Zastosowanie

- **Ideal for the multi-grip application.** / *Idealny.*
- **Truck main bodies.** / *Naczepy ciężarówek.*
- **Production of containers.** / *Produkcja kontenerów.*
- **City furnitures.** / *Miejskie krzesła, ławki.*
- **Commercial and military vehicles.** / *Pojazdy użytkowe oraz wojskowe.*
- **Plate assembly.** / *Montaż płyt.*
- **Railway equipments.** / *Sprzęt kolejowy.*



### Recommended tools / Zalecane narzędzia :





STRUCTURAL RIVET SUPERIV / NIT STRUKTURALNY SUPERIV

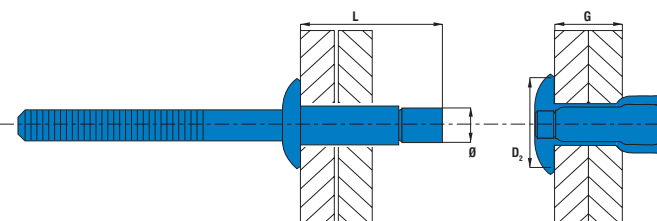
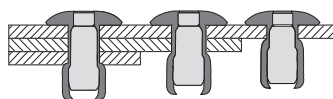
**SPSD** SUPERIV Dome head / Kołnierz półkulisty

Steel / Stal

Steel / Stal

| Ø<br>mm | Ref       | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm | <br>mm | <br>N | <br>N |
|---------|-----------|---------|----------------------|-------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 4.8     | SPSD48100 | 10.5    | 9.8                  | 1.6-6.9           | 4.9                                                                                     | 6 300                                                                                  | 5 450                                                                                  |
|         | SPSD48140 | 14.5    |                      | 5.4-11.1          | 5.1                                                                                     |                                                                                        |                                                                                        |

| Ø<br>mm | Ref       | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm | <br>mm | <br>N | <br>N |
|---------|-----------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 6.5     | SPSD64140 | 14.2    | 13.0                 | 2.0-9.5           | 6.7                                                                                       | 12 500                                                                                   | 10 000                                                                                   |
|         | SPSD64200 | 20.5    |                      | 8.9-15.9          | 6.9                                                                                       |                                                                                          |                                                                                          |

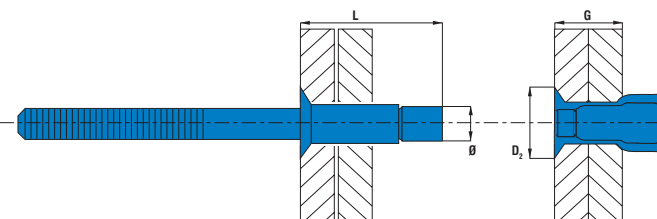
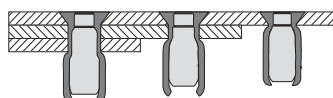


**SPSK** SUPERIV Countersunk head 120° / Kołnierz stożkowy 120°

Steel / Stal

Steel / Stal

| Ø<br>mm | Ref       | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm | <br>mm | <br>N | <br>N |
|---------|-----------|---------|----------------------|-------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 6.5     | SPSK64170 | 16.7    | 10.0                 | 4.1-12.1          | 6.7<br>~<br>6.9                                                                           | 12 500                                                                                   | 10 000                                                                                   |





## STRUCTURAL RIVET SUPERIV / NIT STRUKTURALNY SUPERIV

**Scell-it®**

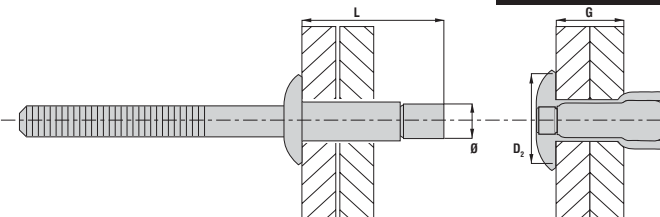
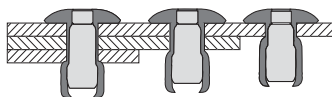
### SPHD SUPERIV Dome head / Kołnierz półkulisty

 Aluminium / Aluminium

 Aluminium / Aluminium

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max)     |  |  |  |
|-----|-----------|------|----------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm  |           | mm   | mm             | mm              | N                                                                                 | N                                                                                 |                                                                                   |
| 4.8 | SPHD48100 | 10.3 | 9.8            | 1.6-6.9         |  |  |  |
|     | SPHD48140 | 13.5 |                | 5.4-11.1        |                                                                                   |                                                                                   |                                                                                   |
|     |           |      |                | 4.9<br>~<br>5.1 | 2 500                                                                             | 2 000                                                                             |                                                                                   |

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max)     |  |  |  |
|-----|-----------|------|----------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |           | mm   | mm             | mm              | N                                                                                   | N                                                                                   |                                                                                     |
| 6.5 | SPHD65140 | 14.0 | 13.0           | 2.0-9.5         |  |  |  |
|     | SPHD65200 | 19.0 |                | 8.9-15.9        |                                                                                     |                                                                                     |                                                                                     |
|     |           |      |                | 6.7<br>~<br>6.9 | 5 800                                                                               | 3 800                                                                               |                                                                                     |



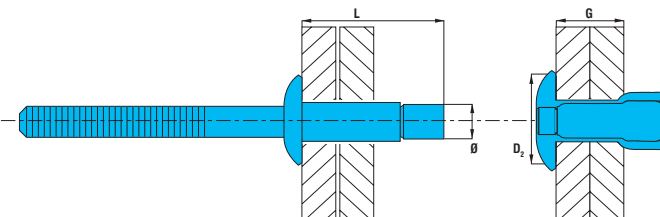
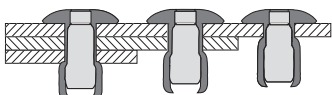
### SPTD SUPERIV Dome head / Kołnierz półkulisty

 Stainless steel A2 / Stal nierdzewna A2

 Stainless steel A2 / Stal nierdzewna A2

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max)     |  |  |  |
|-----|-----------|------|----------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| mm  |           | mm   | mm             | mm              | N                                                                                   | N                                                                                   |                                                                                     |
| 4.8 | SPTD48100 | 10.5 | 9.8            | 1.6-6.9         |  |  |  |
|     | SPTD48140 | 14.5 |                | 5.4-11.1        |                                                                                     |                                                                                     |                                                                                     |
|     |           |      |                | 4.9<br>~<br>5.1 | 5 900                                                                               | 4 540                                                                               |                                                                                     |

| Ø   | Ref       | L    | D <sub>2</sub> | G (min-max)     |  |  |  |
|-----|-----------|------|----------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| mm  |           | mm   | mm             | mm              | N                                                                                     | N                                                                                     |                                                                                       |
| 6.5 | SPTD64140 | 14.6 | 13.0           | 2.0-9.5         |  |  |  |
|     | SPTD64200 | 20.6 |                | 8.9-15.9        |                                                                                       |                                                                                       |                                                                                       |
|     |           |      |                | 6.7<br>~<br>6.9 | 11 000                                                                                | 8 500                                                                                 |                                                                                       |



 Drilling  
Wiertło

 Shear  
Scinanie

 Tensile  
Wrywanie

BLIND RIVETS  
Nit zrywalny



**The + of Scell-it**  
**Plusy Scell-it**

Knurled mandrel reduces the abrasion of the jaws.  
*Radełkowany trzpień redukuje ścieranie szczęk.*

## T-LOCK STRUCTURAL RIVET / NIT STRUKTURALNY

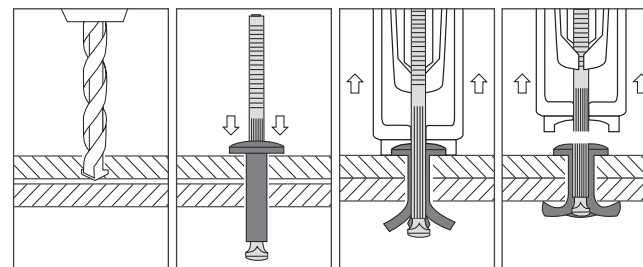


### Advantages / Zalety

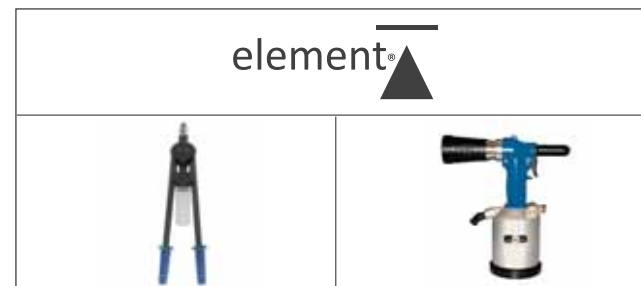
- **Blind riveting for all supports.**  
*Zastosowanie w każdej sytuacji.*
- **Excellent shear and vibration resistance.**  
*Doskonała wytrzymałość na ścieranie oraz wibracje.*
- **Application possible on thin or fragile plates.**  
*Możliwe użycie do łączenia cienkich oraz delikatnych materiałów.*

### Specific applications / Zastosowanie

- **Ideal for fixing of woosheet.** / *Do mocowanie drewna.*
- **Fixing of rails for the isotherm bodywork.** / *Do mocowanie szyn w nadwoziach izotermicznych.*
- **Road signals.** / *Sygnalizatory drogowe.*
- **Assembly of thin plates.** / *Montaż cienkich arkuszy.*
- **Vehicles / boats.** / *Pojazdy / łodzie.*



### Recommended tools / Zalecane narzędzia :





## STRUCTURAL RIVET T-LOCK / NIT STRUKTURALNY T-LOCK

**Scell-it®**



### TLD T-LOCK Dome head / Kołnierz półkulisty



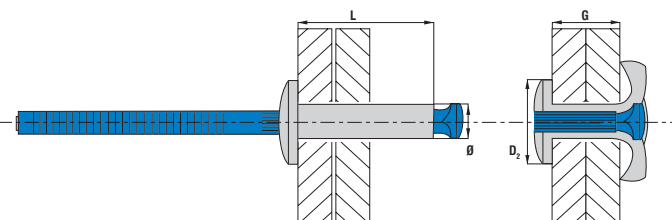
**Aluminium / Aluminium**



**Steel / Stal**

Ø

|     | Ref     | L    | D <sub>2</sub> | G (min-max) |  |  |  |
|-----|---------|------|----------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| mm  |         | mm   | mm             | mm          | mm                                                                                | N                                                                                 | N                                                                                 |
| 6.4 | TLD6412 | 12.0 | 12.8           | 1.6-3.2     |  |  |  |
|     | TLD6416 | 16.8 |                | 6.4-7.9     |                                                                                   |                                                                                   |                                                                                   |
|     | TLD6418 | 18.3 |                | 8.0-9.5     |                                                                                   |                                                                                   |                                                                                   |
|     | TLD6420 | 20.0 |                | 9.6-11.1    |                                                                                   |                                                                                   |                                                                                   |
|     | TLD6425 | 24.5 |                | 13.2-16.0   |                                                                                   |                                                                                   |                                                                                   |



**Drilling**  
Wiertło



**Shear**  
Ścinanie



**Tensile**  
Wyrwanie



**The + of Scell-it**  
**Plusy Scell-it**

Wide range going from 4.8 to 9.6 and Various forms of head (dome, large and countersunk head)

Szeroki zakres od 4,8 do 9,6 oraz z różnymi kołnierzami (cyfliczyny, powiększony oraz stożkowy).

Exists in steel, stainless steel and aluminium (Diameter 6.4)  
Dostępny w wersji ze stali, stali nierdzewnej oraz aluminium (średnica 6,4).

## HYPERBOLT LOCKING BOLT / ŚRUBA ZAMYKAJĄCA

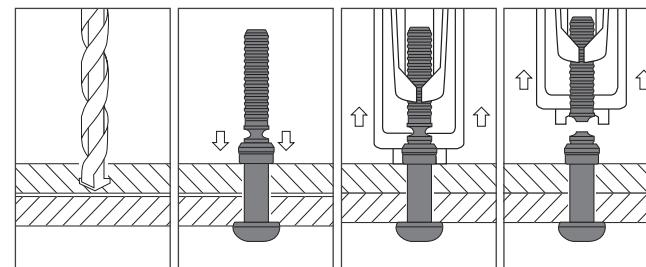


### Advantages / Zalety

- **The safest fixing in structural materials thanks to its good mechanical resistance.**  
*Najbezpieczniejszy zamocowanie wśród materiałów strukturalnych dzięki dużej odporności mechanicznej.*
- **Wide grip range which reduces user stock inventory.**  
*Szeroki zakres mocowania, który pozwala na redukcję zapasów magazynowych.*
- **Fully sealed and tamperproof.**  
*Całkowicie szczelny i odporny na odkształcenia.*
- **High shear and tensile strengths. Waterproof and resistant to vibration.**  
*Doskonała wytrzymałość na rozciąganie i ścinanie. Wodoodporny i odporny na wibracje.*
- **Fast and ease of installation. Attractive finish.**  
*Szybka i łatwa instalacja. Atrakcyjne wykończenie.*

### Specific applications / Zastosowanie

- **Ideal replacement of bolting.** / *Idéalny do zastąpienia śrub.*
- **Railway construction.** / *Konstrukcje kolejowe.*
- **Escalators.** / *Schody ruchome.*
- **Commercial vehicles.** / *Pojazdy użytkowe.*
- **Safety fence.** / *Ogrodzenia zabezpieczające.*



### Recommended tools / Zalecane narzędzia :

element®







## STRUCTURAL RIVET HYPERBOLT / NIT STRUKTURALNY HYPERBOLT

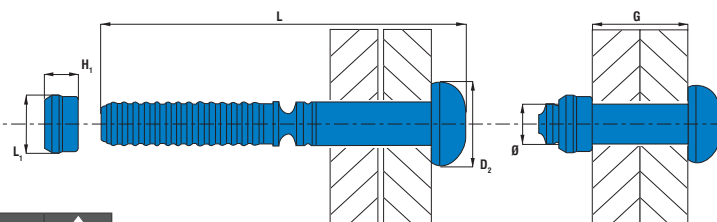
**Scell-it®**

### HBSD HYPERBOLT Dome head / Kołnierz półkulisty

**Steel pin / Trzpień stalowy**

| Ø   | Ref      | L    | D <sub>2</sub> | G (min-max) |                                                                                   | N      | N      |
|-----|----------|------|----------------|-------------|-----------------------------------------------------------------------------------|--------|--------|
| mm  |          | mm   | mm             | mm          | mm                                                                                |        |        |
| 6.4 | HBSD0802 | 41.3 | 13.2           | 1.6-4.8     |  | 13 400 | 13 300 |
|     | HBSD0803 | 42.9 |                | 3.2-6.4     |                                                                                   |        |        |
|     | HBSD0804 | 44.5 |                | 4.8-7.9     |                                                                                   |        |        |
|     | HBSD0805 | 46.0 |                | 6.4-9.5     |                                                                                   |        |        |
|     | HBSD0806 | 47.6 |                | 7.9-11.1    |                                                                                   |        |        |
|     | HBSD0808 | 50.8 |                | 11.1-14.3   |                                                                                   |        |        |
|     | HBSD0810 | 54.0 |                | 14.3-17.5   |                                                                                   |        |        |
|     | HBSD0814 | 60.3 |                | 20.6-23.8   |                                                                                   |        |        |
|     | HBSD0816 | 63.5 |                | 23.8-27.0   |                                                                                   |        |        |

| Ø   | Ref      | L    | D <sub>2</sub> | G (min-max) |                                                                                     | N      | N      |
|-----|----------|------|----------------|-------------|-------------------------------------------------------------------------------------|--------|--------|
| mm  |          | mm   | mm             | mm          | mm                                                                                  |        |        |
| 8.0 | HBSD1004 | 47.6 | 16.7           | 3.2-9.5     |  | 22 000 | 20 100 |
|     | HBSD1005 | 49.2 |                | 4.8-11.1    |                                                                                     |        |        |
|     | HBSD1006 | 50.8 |                | 6.4-12.7    |                                                                                     |        |        |
|     | HBSD1008 | 54.0 |                | 9.5-15.9    |                                                                                     |        |        |
|     | HBSD1010 | 57.2 |                | 12.7-19.0   |                                                                                     |        |        |
| 9.6 | HBSD1204 | 54.0 | 19.9           | 3.2-9.5     |  | 34 000 | 32 000 |
|     | HBSD1205 | 55.5 |                | 4.8-11.1    |                                                                                     |        |        |
|     | HBSD1206 | 57.2 |                | 6.4-12.7    |                                                                                     |        |        |
|     | HBSD1208 | 60.3 |                | 9.5-15.9    |                                                                                     |        |        |
|     | HBSD1210 | 63.5 |                | 12.7-19.0   |                                                                                     |        |        |
|     | HBSD1212 | 66.7 |                | 15.9-22.2   |                                                                                     |        |        |
|     | HBSD1218 | 76.2 |                | 25.4-31.75  |                                                                                     |        |        |



**Steel collar (sold separately)**

*Pierścień stalowy (sprzedawany oddzielnie)*

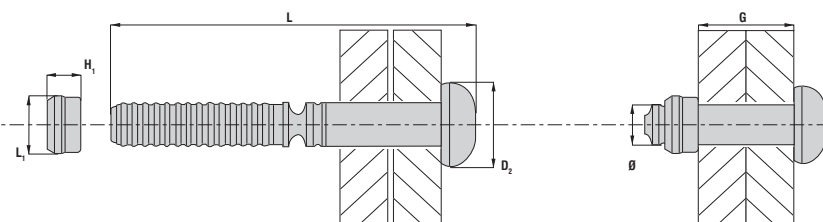
| Ø   | Ref     | L <sub>1</sub> | H <sub>1</sub> |
|-----|---------|----------------|----------------|
| mm  |         | mm             | mm             |
| 6.4 | HBSD-08 | 10.4           | 8.2            |
| 8.0 | HBSD-10 | 12.6           | 9.7            |
| 9.6 | HBSD-12 | 15.3           | 11.7           |



### HBHD HYPERBOLT Dome head / Kołnierz półkulisty

**Aluminium Pin / Trzpień aluminiowy**

| Ø   | Ref      | L    | D <sub>2</sub> | G (min-max) |                                                                                     | N     | N     |
|-----|----------|------|----------------|-------------|-------------------------------------------------------------------------------------|-------|-------|
| mm  |          | mm   | mm             | mm          | mm                                                                                  |       |       |
| 6.4 | HBHD0803 | 42.9 | 13.2           | 3.2-6.4     |  | 8 300 | 7 900 |
|     | HBHD0804 | 44.5 |                | 4.8-7.9     |                                                                                     |       |       |



**Aluminium collar (sold separately)**

*Pierścień aluminiowy (sprzedawany oddzielnie)*

| Ø   | Ref     | L    | H   |
|-----|---------|------|-----|
| mm  |         | mm   | mm  |
| 6.4 | HBHD-08 | 10.4 | 8.2 |



**Scell-it®**

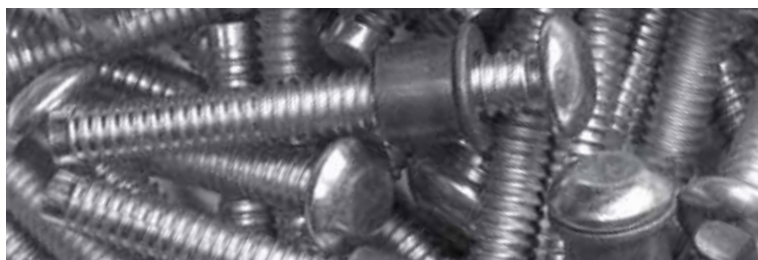


**The + of Scell-it**  
Plusy Scell-it

Exists in steel and aluminium.  
Dostępne w wersji stalowej  
i aluminiowej.

## SUPERBOLT

MULTIGRIP LOCKING BOLT / ŚRUBA ZAMYKAJĄCA MULTIGRIP

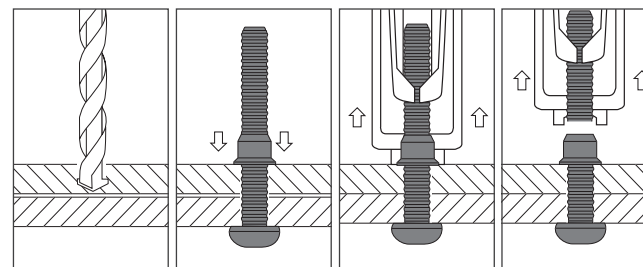


### Advantages / Zalety

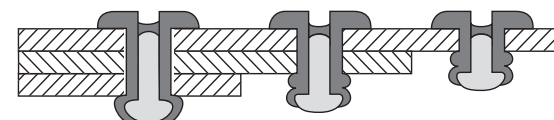
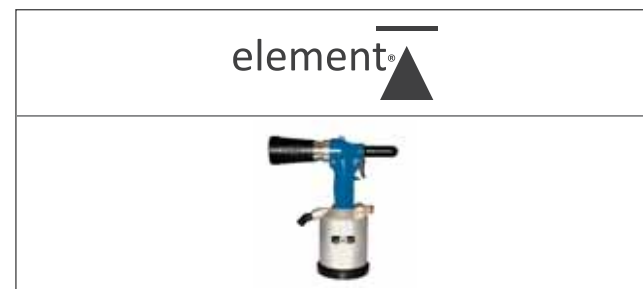
- **High tensile and shear strengths.**  
*Doskonała wytrzymałość na rozciąganie i ścinanie.*
- **Fast and ease of installation. Semi-automatic placing tools give easy installation.**  
*Szybka i łatwa instalacja. Półautomatyczne urządzenia umożliwiają łatwą instalację.*
- **Fully sealed and tamperproof.**  
*Całkowicie szczelny i odporny na odkształcenia.*
- **Waterproof and resistant to vibration. Flush stem break**  
*Wodoodporny i odporny na wibracje.*
- **Wide grip range which reduces user stock inventory.**  
*Szeroki zakres zacisku, który pozwala na redukcję zapasów magazynowych.*
- **Wide variation in material thickness can be accommodated.**  
*Możliwość zastosowania dla bardzo szerokiego zakresu grubości materiałów.*

### Specific applications / Zastosowanie

- **Ideal for repairs.** / *Idealny do napraw.*
- **Container repairs.** / *Do napraw kontenerów.*
- **Fixing of draw latches on truck tarpaulins.** / *Mocowanie zatrzasków w plandekach samochodowych.*
- **Assembly of fences.** / *Montaż barier zabezpieczających.*
- **Farm equipments.** / *Maszyny rolnicze.*
- **Railway constructions.** / *Konstrukcje kolejowe.*



### Recommended tools / Zalecane narzędzia :





## STRUCTURAL RIVET SUPERBOLT / NIT STRUKTURALNY SUPERBOLT

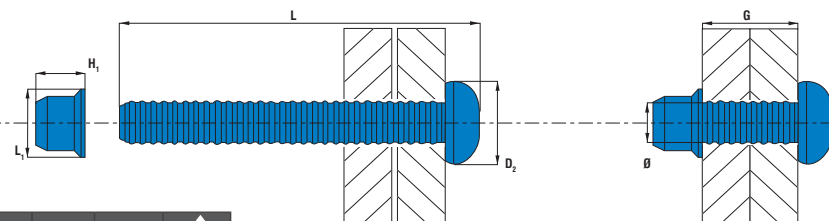
**Scell-it®**

### SBSD SUPERBOLT Dome head / Kołnierz półkulisty

**Steel pin / Trzpień stalowy**

| Ø<br>mm | Ref      | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  mm |  N |  N |
|---------|----------|---------|----------------------|-------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4.8     | SBSD0610 | 48.5    | 10                   | 1.6-17.0          |     | 7 600                                                                               | 7 300                                                                               |
|         | SBSD0620 | 64.1    |                      | 15.8-31.8         |                                                                                      |                                                                                     |                                                                                     |

| Ø<br>mm | Ref      | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  mm |  N |  N |
|---------|----------|---------|----------------------|-------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 6.4     | SBSD0810 | 53.2    | 13.2                 | 1.6-17.0          |     | 13 400                                                                                | 13 300                                                                                |
|         | SBSD0820 | 69.1    |                      | 15.8-31.8         |                                                                                        |                                                                                       |                                                                                       |



**Steel collar (sold separately)**

*Pierścień stalowy (sprzedawany oddzielnie)*

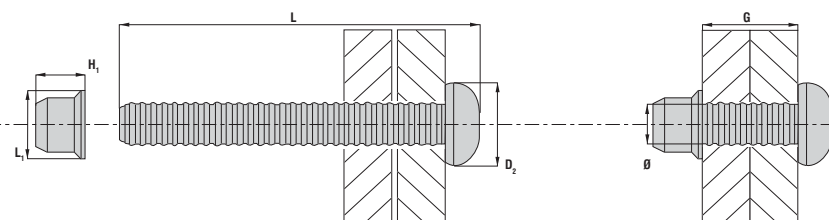
| Ø<br>mm | Ref     | L <sub>1</sub><br>mm | H <sub>1</sub><br>mm |
|---------|---------|----------------------|----------------------|
| 4.8     | SBSD-06 | 9.5                  | 7.1                  |
| 6.4     | SBSD-08 | 12.7                 | 9.7                  |



### SBHD SUPERBOLT Dome head / Kołnierz półkulisty

**Aluminium pin / Trzpień aluminiowy**

| Ø<br>mm | Ref      | L<br>mm | D <sub>2</sub><br>mm | G (min-max)<br>mm |  mm |  N |  N |
|---------|----------|---------|----------------------|-------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 6.4     | SBHD0810 | 53.2    | 13.2                 | 1.6-17.0          |     | 6 640                                                                                 | 6 320                                                                                 |



**Aluminium collar (sold separately)**

*Pierścień aluminiowy (sprzedawany oddzielnie)*

| Ø<br>mm | Ref     | L <sub>1</sub><br>mm | H <sub>1</sub><br>mm |
|---------|---------|----------------------|----------------------|
| 6.4     | SBHD-08 | 12.7                 | 9.7                  |



Drilling  
Wierć



Shear  
Ścinanie



Tensile  
Wrywanie



The + of Scell-it  
Plusy Scell-it

## TAINERBOLT LOCKING BOLT / ŚRUBA ZAMYKAJĄCA

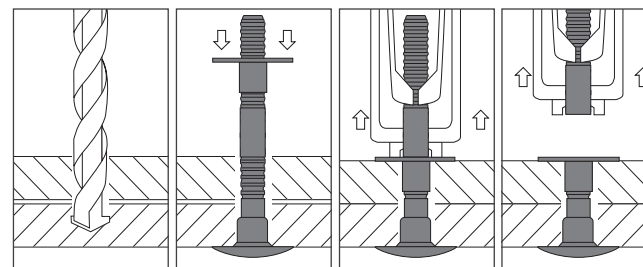


### Advantages / Zalety

- **Resistant to vibration. High tensile and shear strengths.**  
*Odporny na wibracje. Duża wytrzymałość na wyrywanie i ścinanie.*
- **Wide grip range which reduces user stock inventory.**  
*Szeroki zakres mocowania, który pozwala na redukcję zapasów magazynowych.*
- **Ease of installation. Assembles without damaging the face of the plate ensuring a perfect finishing.**  
*Łatwy w montażu. Łączy bez uszkodzenia powierzchni płyty zapewniając perfekcyjne wykończenie.*
- **Waterproof (a special anti-humidity seal) and tamperproof.**  
*Wodoodporny (specjalna izolacja podporna na wilgoć) i odporny na odkształcenia.*
- **Grip range identified by colour coded washers.**  
*Zakres mocowania oznaczony za pomocą kolorowych podkładek.*
- **One diameter only. Customised colour schemes available.**  
*Tylko jedna średnica. Dostępne w indywidualnych zestawach kolorów.*
- **Plastic encapsulated heads available.**  
*Dostępne w wersji z plastikową zaślepką.*

### Specific applications / Zastosowanie

- **Ideal for assembling woodsheets.** / *Idealny do łączenia drewna.*
- **Fixing of door hinges for trucks.** / *Do montażu zawiasów w samochodach ciężarowych.*
- **Assembly of isotherm boxes.** / *Do montażu pojemników termicznych.*
- **Production of containers.** / *Produkcja kontenerów.*



### Recommended tools / Zalecane narzędzia :

element®





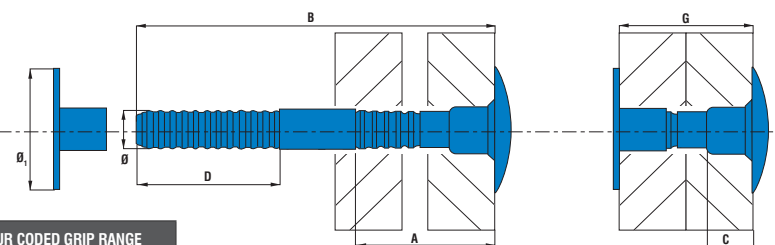
# STRUCTURAL RIVET TAINERBOLT / NIT STRUKTURALNY TAINERBOLT

**Scell-it®**

## FT TAINERBOLT Extra large head / Extra Kołnierz powiększony

**Steel pin / Trzpień stalowy**

| Ø<br>mm | Ref     | A<br>mm | B<br>mm | C<br>mm | D<br>mm | G (min-max)<br>mm |  |  |  | COLOUR CODED GRIP RANGE / COLOUR CODED GRIP RANGE                                                                                    |
|---------|---------|---------|---------|---------|---------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 10.0    | FT1209S | 14.3    | 59.0    | 1.5     | 27.0    | 12.8-15.8         |  |  |  |  GREEN / ZIELONY                                   |
|         | FT1210S | 15.9    | 59.0    | 1.5     |         | 14.3-17.5         |                                                                                   |                                                                                   |                                                                                   |  PINK / RÓŻOWY                                     |
|         | FT1211S | 17.5    | 60.0    | 4.6     |         | 15.9-19.0         |                                                                                   |                                                                                   |                                                                                   |  BLUE / NIEBIESKI                                  |
|         | FT1212S | 19.0    | 62.0    | 6.0     |         | 17.5-20.6         |                                                                                   |                                                                                   |                                                                                   |  YELLOW / ŻÓŁTY                                    |
|         | FT1213S | 20.6    | 64.0    | 7.9     |         | 19.1-22.2         |                                                                                   |                                                                                   |                                                                                   |  BLACK / CZARNY                                    |
|         | FT1214S | 22.0    | 65.0    | 9.5     |         | 20.7-23.7         |                                                                                   |                                                                                   |                                                                                   |  PALE GREEN / BŁADO ZIELONY                        |
|         | FT1215S | 23.8    | 67.0    | 10.9    |         | 22.2-25.3         |                                                                                   |                                                                                   |                                                                                   |  BROWN / BRĄZOWY                                   |
|         | FT1216S | 25.4    | 68.5    | 12.9    |         | 23.8-26.9         |                                                                                   |                                                                                   |                                                                                   |  ORANGE / POMARAŃCZOWY                             |
|         | FT1217S | 27.0    | 70.0    | 14.7    |         | 25.5-28.5         |                                                                                   |                                                                                   |                                                                                   |  WHITE / BIAŁY                                     |
|         | FT1218S | 28.6    | 70.0    | 14.7    |         | 27.0-30.1         |                                                                                   |                                                                                   |                                                                                   |  RED / CZERWONY                                    |
|         | FT1219S | 30.2    | 79.0    | 14.7    |         | 28.6-31.7         |                                                                                   |                                                                                   |                                                                                   |  YELLOW-ORANGE COLOURED / KOLOR ŻÓŁTO-POMARAŃCZOWY |
|         | FT1220S | 31.7    | 79.0    | 14.7    |         | 30.1-33.3         |                                                                                   |                                                                                   |                                                                                   |  BLUE / NIEBIESKI                                  |



### Extra large steel collar (sold separately)

Kołnierz stalowy ekstra powiększony (sprzedawany oddzielnie)

| Ø1<br>mm | Ref       |
|----------|-----------|
| 25.4     | FTC1200S  |
| 31.5     | FTC1200SF |



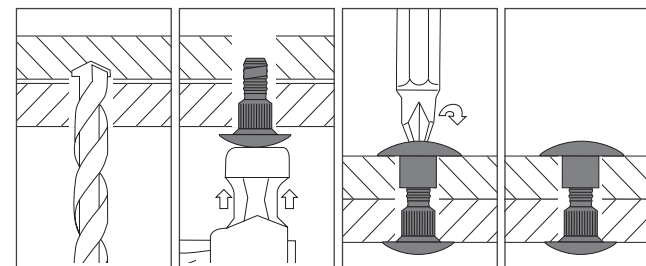


**The + of Scell-it**  
Plusy Scell-it

Slice of different colour for every reference.  
*Dostępne w wielu kolorach.*

Long lasting coating.  
*Trwałe powłoki.*

## TORKTAINER LOCKING BOLT / ŚRUBA ZAMYKAJĄCA



### Advantages / Zalety

- **Fast installation. No special tools needed.**  
*Szybka instalacja. Brak konieczności użycia specjalistycznych narzędzi.*
- **Resistant to vibration. High tensile and shear strengths.**  
*Odporne na wibracje. Duża wytrzymałość na wrywanie i ścinanie.*
- **Waterproof and tamperproof.**  
*Wodoodporny oraz odporny na odkształcenia.*
- **One diameter only.**  
*Tylko jedna średnica.*
- **Heat resistant. / Anti-shock.**  
*Odporny na temp. / Odporny na wstrząsy.*
- **Removable and reusable. / Low profile nut and bolt.**  
*Usuwalny oraz wielokrotnego użytku / Niski profil śruby i nakrętki.*

### Specific applications / Zastosowanie

- **Repair and heavy truck body work.** / *Do napraw i nadwozi samochodów ciężarowych.*
- **Small series production.** / *Mała produkcja seryjna.*
- **Interior isolation.** / *Izolacja wewnętrzna.*
- **Production of containers.** / *Produkcja kontenerów.*



## STRUCTURAL RIVET TORKTAINER / NIT STRUKTURALNY TORKTAINER

**Scell-it®**

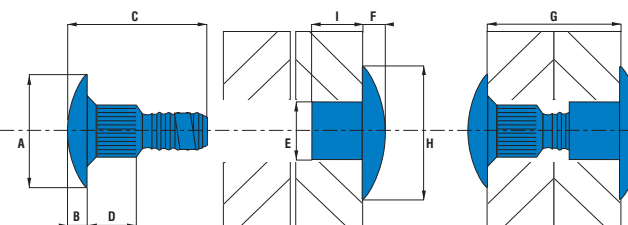
### TT TORKTAINER Extra large head / Extra Kołnierz powiększony



**Steel bolt / Trzpień stalowy**



**Extra large Steel collar (sold separately) / Kołnierz stalowy ekstra powiększony (sprzedawany oddzielnie)**



| Ø    | G (min-max) | Ref bolt/Bolt | Ref nut/Nut | A    | B    | C     | D   | E    | F    | H    | I     |                   |        |        |  | COLOUR CODED GRIP RANGE / COLOUR CODED GRIP RANGE |
|------|-------------|---------------|-------------|------|------|-------|-----|------|------|------|-------|-------------------|--------|--------|--|---------------------------------------------------|
| mm   | mm          |               |             | mm   | mm   | mm    | mm  | mm   | mm   | mm   | mm    | mm                | N      | N      |  |                                                   |
| TX55 | 15.5-17.4   | TT0B          | TBN1        | 23.1 | 5.08 | 16.0  | 5.5 | 9.85 | 3.94 | 25.4 | 9.52  | 10.3<br>~<br>10.6 | 14 000 | 20 000 |  | WHITE / BIAŁY                                     |
|      | 18.5-20.5   |               | TBN2        |      |      | 16.0  | 5.5 |      |      |      | 12.70 |                   |        |        |  |                                                   |
|      | 17.9-19.7   | TT1B          | TBN1        |      |      | 19.05 | 6.6 |      |      |      | 9.52  |                   |        |        |  | BLACK / CZARNY                                    |
|      | 20.0-23.1   |               | TBN2        |      |      | 19.05 | 6.6 |      |      |      | 12.70 |                   |        |        |  |                                                   |
|      | 21.3-23.1   | TT2B          | TBN1        |      |      | 22.20 | 6.6 |      |      |      | 9.52  |                   |        |        |  | BLUE / NIEBIESKI                                  |
|      | 20.6-25.6   |               | TBN2        |      |      | 22.20 | 6.6 |      |      |      | 12.70 |                   |        |        |  |                                                   |
|      | 23.2-27.2   |               | TBN3        |      |      | 22.20 | 6.6 |      |      |      | 15.87 |                   |        |        |  |                                                   |
|      | 24.5-25.9   | TT3B          | TBN1        |      |      | 25.40 | 9.5 |      |      |      | 9.52  |                   |        |        |  | YELLOW / ŻÓŁTY                                    |
|      | 24.5-28.7   |               | TBN2        |      |      | 25.40 | 9.5 |      |      |      | 12.70 |                   |        |        |  |                                                   |
|      | 25.8-30.4   |               | TBN3        |      |      | 25.40 | 9.5 |      |      |      | 15.87 |                   |        |        |  |                                                   |
|      | 31.2-32.6   | TT4B          | TBN1        |      |      | 31.75 | 9.5 |      |      |      | 9.52  |                   |        |        |  | RED / CZERWONY                                    |
|      | 31.2-34.2   |               | TBN2        |      |      | 31.75 | 9.5 |      |      |      | 12.70 |                   |        |        |  |                                                   |
|      | 31.2-36.5   |               | TBN3        |      |      | 31.75 | 9.5 |      |      |      | 15.87 |                   |        |        |  |                                                   |
|      | 35.8-42.5   |               | TBN4        |      |      | 31.75 | 9.5 |      |      |      | 25.80 |                   |        |        |  |                                                   |

**Choose your grip range in order to determine the suitable Torktainer.**

*Wybór zakresu nitowania aby określić pasujący nit Torktainer.*

**Drilling**  
Wiertło

**Shear**  
Ścinanie

**Tensile**  
Wrywanie

**BLIND RIVETS**  
Nit zrywalny



**The + of Scell-it**  
Plusy Scell-it

Knurled body for the all range.  
Wszystkie rozmiary moletowane.

Closed end available  
in steel version.  
Wersja zamknięta w  
wersji ze stali.

All product range  
RoHS compliant.  
Spełniają normę  
RoHS.



The insert are produced in  
our factory which is  
certified ISO 9001.  
Produkcja w fabryce z  
certyfikatem ISO 9001

**UNIT PLANT CERTIFICATES**



## KNURLED INSERT / NITONAKRĘTKI MOLETOWANE

### Features / Opis

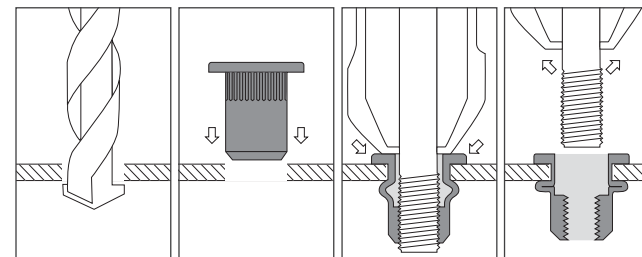
The knurled 'anti-rotation' insert is produced by cold forged machine, it is easy to insert and can guarantee a perfect resistance to pulling out and vibrations. The stainless steel version is even more efficient.

Moletowana "antyrotacyjna" nitonakrętka jest produkowana z zimno walcowanej stali, łatwo ją umieścić w otworze i gwarantuje.

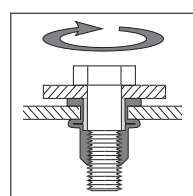
### Advantages / Zalety

It enables to solve 80% of assemblings with inserts . Wide range of materials, diameters and lengths.

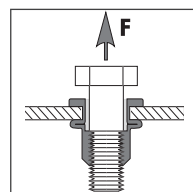
Nitonakrętki mogą być stosowane w 80% rodzajów zamocowań. Szeroka gama materiałów, średnic i długości.



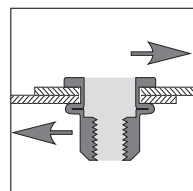
### Technical data / Dane techniczne



**Recommended max torque (Nm)**  
Zalecany moment dokręcający (Nm)



**Tensile (N)**  
Wrywanie (N)



**Shear (N)**  
Ścinanie (N)

|                             |     | Cylindrical head<br>Kolierz cylindryczny |                                       |                        | Countersunk head<br>Kolierz stożkowy |                                       |                        | Reduced countersunk head<br>Kolierz stożkowy mini |                                       |
|-----------------------------|-----|------------------------------------------|---------------------------------------|------------------------|--------------------------------------|---------------------------------------|------------------------|---------------------------------------------------|---------------------------------------|
|                             |     | Steel<br>Stal                            | Stainless steel A2<br>Stal nierdzewna | Aluminium<br>Aluminium | Steel<br>Stal                        | Stainless steel A2<br>Stal nierdzewna | Aluminium<br>Aluminium | Steel<br>Stal                                     | Stainless steel A2<br>Stal nierdzewna |
| Recommended max torque (Nm) | M3  | 3.0                                      | 1.5                                   | -                      | -                                    | -                                     | -                      | -                                                 | -                                     |
|                             | M4  | 4.5                                      | 7.0                                   | 4.0                    | 4.0                                  | 7.0                                   | 4.0                    | 4.0                                               | 7.0                                   |
|                             | M5  | 5.4                                      | 10.0                                  | 5.0                    | 5.0                                  | 10.0                                  | 5.0                    | 5.0                                               | 10.0                                  |
|                             | M6  | 19.8                                     | 20.0                                  | 11.3                   | 15.0                                 | 20.0                                  | 11.3                   | 15.0                                              | 20.0                                  |
|                             | M8  | 29.0                                     | 28.0                                  | 14.5                   | 18.0                                 | 28.0                                  | 14.5                   | 18.0                                              | 28.0                                  |
|                             | M10 | 32.0                                     | 38.0                                  | 20.0                   | 28.0                                 | 38.0                                  | 20.0                   | 30.0                                              | 38.0                                  |
| Tensile (N)                 | M12 | 43.7                                     | -                                     | -                      | -                                    | -                                     | -                      | -                                                 | -                                     |
|                             | M3  | 4 000                                    | 3 800                                 | -                      | -                                    | -                                     | -                      | -                                                 | -                                     |
|                             | M4  | 5 000                                    | 6 800                                 | 2 800                  | 8 000                                | 6 800                                 | 2 800                  | 6 600                                             | 6 800                                 |
|                             | M5  | 11 300                                   | 11 700                                | 4 900                  | 11 000                               | 11 700                                | 4 900                  | 9 200                                             | 11 700                                |
|                             | M6  | 18 000                                   | 18 000                                | 9 200                  | 17 000                               | 18 000                                | 9 200                  | 17 000                                            | 18 000                                |
|                             | M8  | 28 000                                   | 24 000                                | 14 000                 | 31 400                               | 24 000                                | 14 000                 | 22 000                                            | 24 000                                |
| Shear (N)                   | M10 | 29 000                                   | 29 000                                | 21 000                 | 35 000                               | 29 000                                | 21 000                 | 32 400                                            | 29 000                                |
|                             | M12 | 48 000                                   | -                                     | -                      | -                                    | -                                     | -                      | -                                                 | -                                     |
|                             | M3  | 990                                      | 900                                   | -                      | -                                    | -                                     | -                      | -                                                 | -                                     |
|                             | M4  | 1 700                                    | 2 600                                 | 1 000                  | 2 200                                | 2 600                                 | 1 000                  | 1 600                                             | 2 600                                 |
|                             | M5  | 2 800                                    | 2 900                                 | 1 100                  | 2 300                                | 2 900                                 | 1 100                  | 2 200                                             | 2 900                                 |
|                             | M6  | 3 500                                    | 4 900                                 | 2 200                  | 3 700                                | 4 900                                 | 2 200                  | 2 400                                             | 4 900                                 |
|                             | M8  | 4 500                                    | 6 800                                 | 2 400                  | 4 800                                | 6 800                                 | 2 400                  | 2 900                                             | 6 800                                 |
|                             | M10 | 5 000                                    | 7 800                                 | 3 800                  | 5 300                                | 7 800                                 | 3 800                  | 4 300                                             | 7 800                                 |
|                             | M12 | 6 800                                    | -                                     | -                      | -                                    | -                                     | -                      | -                                                 | -                                     |





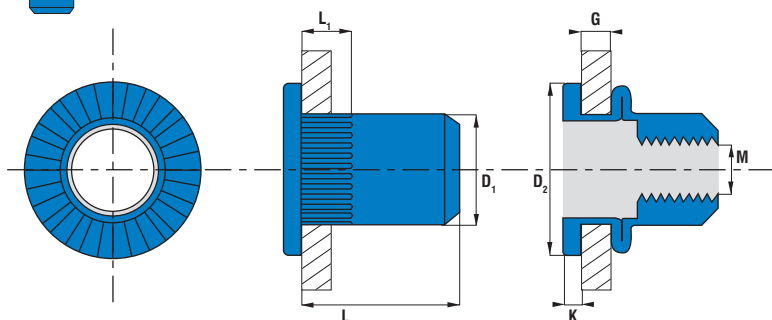
**KNURLED INSERT** / NITONAKRĘTKI MOLETOWANE

**Scell-it®**

## TCD OTWARTA Cylindrical head / Kołnierz cylindryczny



Steel + zinc plated / Stal ocynkowana

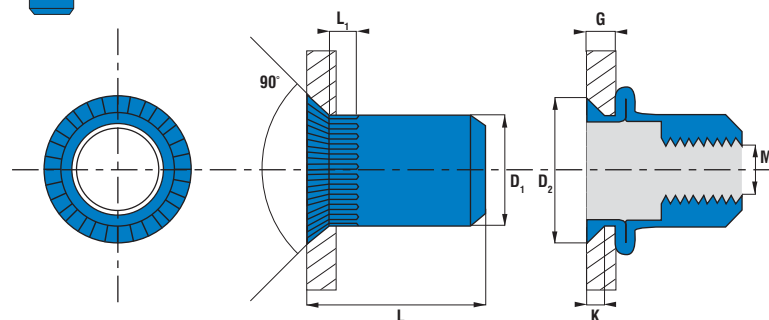


| M   | Ref     | D <sub>1</sub> | D <sub>2</sub> | K   | L    | L <sub>1</sub> | G (min-max) |      |
|-----|---------|----------------|----------------|-----|------|----------------|-------------|------|
| mm  |         | mm             | mm             | mm  | mm   | mm             | mm          | mm   |
| M3  | TCD0330 | 4.9            | 7.0            | 0.9 | 10.0 | 4.0            | 0.5-3.0     | 5.0  |
| M4  | TCD0430 | 5.9            | 9.0            | 1.0 | 10.0 | 4.0            | 0.3-3.0     | 6.0  |
|     | TCD0440 |                |                |     | 11.5 | 5.0            | 3.1-4.0     |      |
| M5  | TCD0530 | 6.9            | 10.0           | 1.0 | 12.0 | 4.0            | 0.3-3.0     | 7.0  |
|     | TCD0540 |                |                |     | 15.0 | 5.0            | 3.1-4.0     |      |
| M6  | TCD0630 | 8.9            | 13.0           | 1.5 | 14.5 | 4.0            | 0.5-3.0     | 9.0  |
|     | TCD0645 |                |                |     | 16.0 | 5.5            | 3.1-4.5     |      |
| M8  | TCD0830 | 10.9           | 16.0           | 1.5 | 16.0 | 4.0            | 0.5-3.0     | 11.0 |
|     | TCD0855 |                |                |     | 18.5 | 6.5            | 3.1-5.5     |      |
| M10 | TCD1030 | 12.9           | 19.0           | 2.0 | 17.0 | 4.0            | 0.5-3.0     | 13.0 |
|     | TCD1060 |                |                |     | 22.0 | 7.0            | 3.1-6.0     |      |
| M12 | TCD1240 | 15.9           | 23.0           | 2.0 | 23.0 | 5.0            | 1.0-4.0     | 16.0 |

## TCK OTWARTA 90° Countersunk head / Kołnierz stożkowy



Steel + zinc plated / Stal ocynkowana



| M   | Ref     | D <sub>1</sub> | D <sub>2</sub> | K   | L    | L <sub>1</sub> | G (min-max) |      |
|-----|---------|----------------|----------------|-----|------|----------------|-------------|------|
| mm  |         | mm             | mm             | mm  | mm   | mm             | mm          | mm   |
| M4  | TCK0435 | 5.9            | 9.0            | 1.5 | 11.5 | 4.5            | 1.5-3.5     | 6.0  |
| M5  | TCK0540 | 6.9            | 10.0           | 1.5 | 13.5 | 5.0            | 1.5-4.0     | 7.0  |
| M6  | TCK0645 | 8.9            | 12.0           | 1.5 | 16.0 | 5.5            | 1.5-4.5     | 9.0  |
| M8  | TCK0845 | 10.9           | 14.0           | 1.5 | 19.0 | 5.5            | 1.5-4.5     | 11.0 |
| M10 | TCK1045 | 12.9           | 15.0           | 1.5 | 21.0 | 5.5            | 1.5-4.5     | 13.0 |



Drilling  
Wiertło

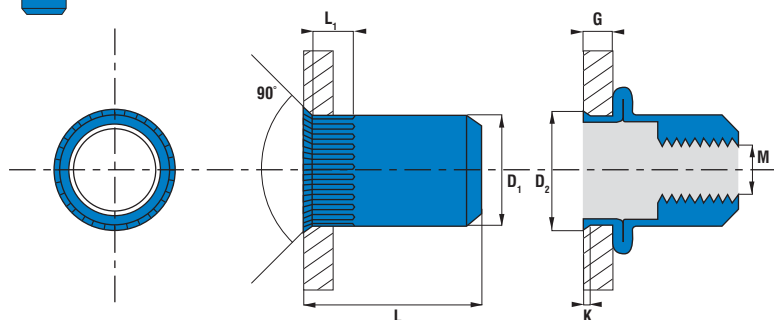


KNURLED INSERT / NITONAKRĘTKI MOLETOWANE

## TCR OTWARTA 90° Reduced countersunk head / Kołnierz stożkowy mini



Steel + zinc plated / Stal ocynkowana



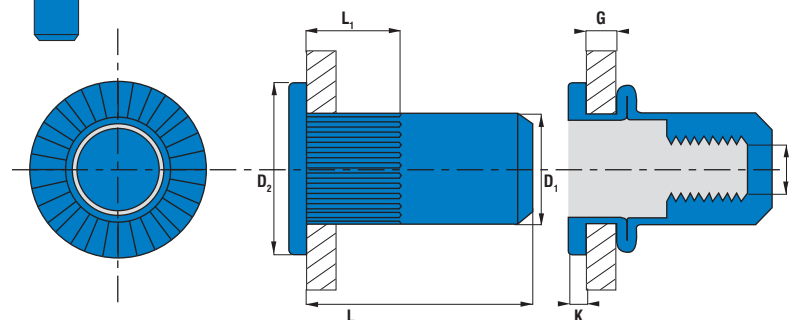
M  
mm

|     | Ref     | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | K<br>mm | L<br>mm | L <sub>1</sub><br>mm | G (min-max)<br>mm |      |
|-----|---------|----------------------|----------------------|---------|---------|----------------------|-------------------|------|
| M4  | TCR0430 | 5.9                  | 7.0                  | 0.6     | 10.0    | 4.0                  | 0.5-3.0           | 6.0  |
| M5  | TCR0530 | 6.9                  | 8.0                  | 0.6     | 11.5    | 4.0                  | 0.5-3.0           | 7.0  |
| M6  | TCR0630 | 8.9                  | 10.0                 | 0.6     | 14.0    | 4.0                  | 0.5-3.0           | 9.0  |
| M8  | TCR0830 | 10.9                 | 12.0                 | 0.6     | 15.5    | 4.0                  | 0.5-3.0           | 11.0 |
| M10 | TCR1035 | 12.9                 | 13.5                 | 0.8     | 19.5    | 4.5                  | 0.8-3.5           | 13.0 |

## TCBD ZAMKNIĘTA Cylindrical head / Kołnierz cylindryczny



Steel + zinc plated / Stal ocynkowana



M  
mm

|    | Ref      | D <sub>1</sub><br>mm | D <sub>2</sub><br>mm | K<br>mm | L<br>mm | L <sub>1</sub><br>mm | G (min-max)<br>mm |      |
|----|----------|----------------------|----------------------|---------|---------|----------------------|-------------------|------|
| M4 | TCBD0430 | 5.9                  | 9.0                  | 1.0     | 15.5    | 4.0                  | 0.3-3.0           | 6.0  |
| M5 | TCBD0530 | 6.9                  | 10.0                 | 1.0     | 18.0    | 4.0                  | 0.3-3.0           | 7.0  |
| M6 | TCBD0630 | 8.9                  | 12.0                 | 1.5     | 20.5    | 4.0                  | 0.5-3.0           | 9.0  |
| M8 | TCBD0830 | 10.9                 | 15.0                 | 1.5     | 25.5    | 4.0                  | 0.5-3.0           | 11.0 |



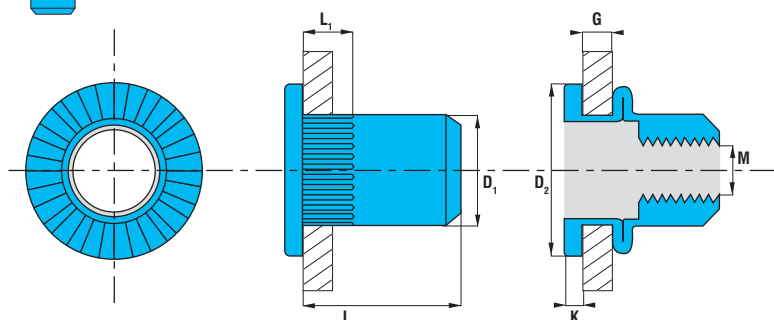
**KNURLED INSERT** / NITONAKRĘTKI MOLETOWANE

**Scell-it®**

## END OTWARTA Cylindrical head / Kołnierz cylindryczny



**Stainless steel A2 / Stal nierdzewna A2**



**M**  
mm

|     | Ref     | D <sub>1</sub> | D <sub>2</sub> | K   | L    | L <sub>1</sub> | G (min-max) |      |
|-----|---------|----------------|----------------|-----|------|----------------|-------------|------|
|     |         | mm             | mm             | mm  | mm   | mm             | mm          | mm   |
| M3  | END0330 | 4.9            | 7.0            | 0.9 | 10.0 | 4.0            | 0.5-3.0     | 5.0  |
| M4  | END0430 | 5.9            | 9.0            | 1.0 | 10.0 | 4.0            | 0.3-3.0     | 6.0  |
|     | END0440 |                |                |     | 11.5 | 5.0            | 3.1-4.0     |      |
| M5  | END0530 | 6.9            | 10.0           | 1.0 | 12.0 | 4.0            | 0.3-3.0     | 7.0  |
|     | END0540 |                |                |     | 15.0 | 5.0            | 3.1-4.0     |      |
| M6  | END0630 | 8.9            | 13.0           | 1.5 | 14.5 | 4.0            | 0.5-3.0     | 9.0  |
|     | END0645 |                |                |     | 16.0 | 5.5            | 3.1-4.5     |      |
| M8  | END0830 | 10.9           | 16.0           | 1.5 | 16.0 | 4.0            | 0.5-3.0     | 11.0 |
|     | END0855 |                |                |     | 18.5 | 6.5            | 3.1-5.5     |      |
| M10 | END1030 | 12.9           | 19.0           | 2.0 | 17.0 | 4.0            | 0.5-3.0     | 13.0 |
|     | END1060 |                |                |     | 22.0 | 7.0            | 3.1-6.0     |      |

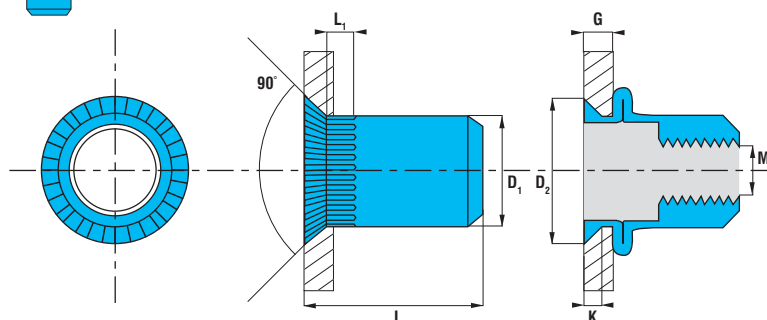


**Drilling**  
Wiertło

## ENK OTWARTA 90° Countersunk head / Kołnierz stożkowy



**Stainless steel A2 / Stal nierdzewna A2**



**M**  
mm

|     | Ref     | D <sub>1</sub> | D <sub>2</sub> | K   | L    | L <sub>1</sub> | G (min-max) |      |
|-----|---------|----------------|----------------|-----|------|----------------|-------------|------|
|     |         | mm             | mm             | mm  | mm   | mm             | mm          | mm   |
| M4  | ENK0435 | 5.9            | 9.0            | 1.5 | 11.5 | 4.5            | 1.5-3.5     | 6.0  |
| M5  | ENK0540 | 6.9            | 10.0           | 1.5 | 13.5 | 5.0            | 1.5-4.0     | 7.0  |
| M6  | ENK0645 | 8.9            | 12.0           | 1.5 | 16.0 | 5.5            | 1.5-4.5     | 9.0  |
| M8  | ENK0845 | 10.9           | 14.0           | 1.5 | 19.0 | 5.5            | 1.5-4.5     | 11.0 |
| M10 | ENK1045 | 12.9           | 15.0           | 1.5 | 21.0 | 5.5            | 1.5-4.5     | 13.0 |

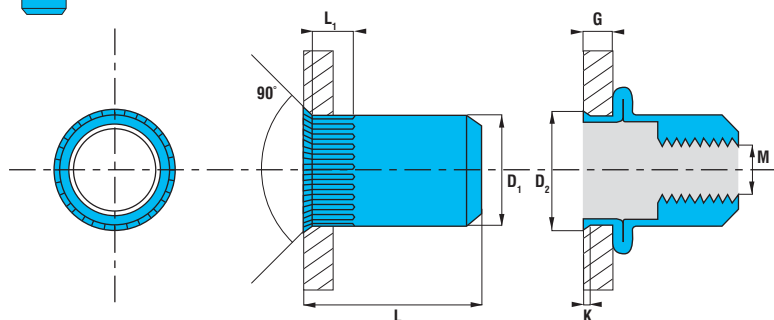


KNURLED INSERT / NITONAKRĘTKI MOLETOWANE

## ENR OTWARTA 90° Reduced countersunk head / Kołnierz stożkowy mini



Stainless steel A2 / Stal nierdzewna A2



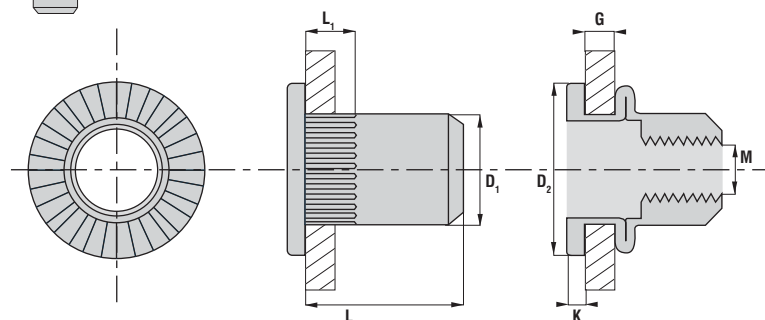
M  
mm

|     | Ref     | D <sub>1</sub> | D <sub>2</sub> | K   | L    | L <sub>1</sub> | G (min-max) |      |
|-----|---------|----------------|----------------|-----|------|----------------|-------------|------|
|     |         | mm             | mm             | mm  | mm   | mm             | mm          | mm   |
| M4  | ENR0430 | 5.9            | 7.0            | 0.6 | 10.0 | 4.0            | 0.5-3.0     | 6.0  |
| M5  | ENR0530 | 6.9            | 8.0            | 0.6 | 11.5 | 4.0            | 0.5-3.0     | 7.0  |
| M6  | ENR0630 | 8.9            | 10.0           | 0.6 | 14.0 | 4.0            | 0.5-3.0     | 9.0  |
| M8  | ENR0830 | 10.9           | 12.0           | 0.6 | 15.5 | 4.0            | 0.5-3.0     | 11.0 |
| M10 | ENR1035 | 12.9           | 13.5           | 0.8 | 19.5 | 4.5            | 0.8-3.5     | 13.0 |

## EAD OTWARTA Cylindrical head / Kołnierz cylindryczny



Aluminium / Aluminium



M  
mm

|     | Ref     | D <sub>1</sub> | D <sub>2</sub> | K   | L    | L <sub>1</sub> | G (min-max) |      |
|-----|---------|----------------|----------------|-----|------|----------------|-------------|------|
|     |         | mm             | mm             | mm  | mm   | mm             | mm          | mm   |
| M4  | EAD0430 | 5.9            | 9.0            | 1.0 | 10.0 | 4.0            | 0.3-3.0     | 6.0  |
| M5  | EAD0530 | 6.9            | 10.0           | 1.0 | 12.0 | 4.0            | 0.3-3.0     | 7.0  |
| M6  | EAD0630 | 8.9            | 13.0           | 1.5 | 14.5 | 4.0            | 0.5-3.0     | 9.0  |
| M8  | EAD0830 | 10.9           | 16.0           | 1.5 | 16.0 | 4.0            | 0.5-3.0     | 11.0 |
| M10 | EAD1035 | 12.9           | 19.0           | 2.0 | 17.0 | 4.0            | 0.5-3.0     | 13.0 |

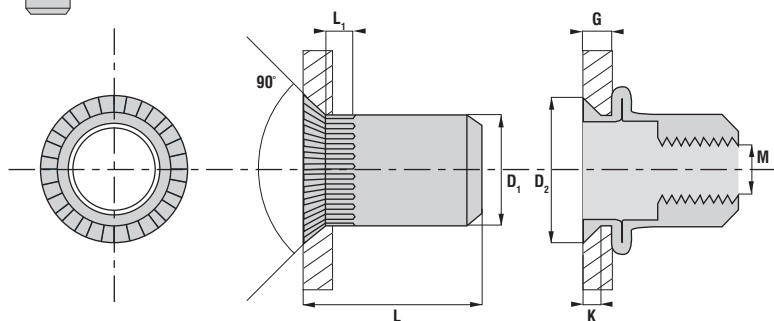


**KNURLED INSERT** / NITONAKRĘTKI MOLETOWANE

## EAK OTWARTA 90° Countersunk head / Kołnierz stożkowy



Aluminium / Aluminium



**M**  
mm

|     | Ref     | D <sub>1</sub> | D <sub>2</sub> | K   | L    | L <sub>1</sub> | G (min-max) |  |
|-----|---------|----------------|----------------|-----|------|----------------|-------------|------------------------------------------------------------------------------------|
|     |         | mm             | mm             | mm  | mm   | mm             | mm          | mm                                                                                 |
| M4  | EAK0435 | 5.9            | 9.0            | 1.5 | 11.5 | 4.5            | 1.5-3.5     | 6.0                                                                                |
| M5  | EAK0540 | 6.9            | 10.0           | 1.5 | 13.5 | 5.0            | 1.5-4.0     | 7.0                                                                                |
| M6  | EAK0640 | 8.9            | 12.0           | 1.5 | 16.0 | 5.5            | 1.5-4.5     | 9.0                                                                                |
| M8  | EAK0840 | 10.9           | 14.0           | 1.5 | 19.0 | 5.5            | 1.5-4.5     | 11.0                                                                               |
| M10 | EAK1040 | 12.9           | 15.0           | 1.5 | 21.0 | 5.5            | 1.5-4.5     | 13.0                                                                               |



## The + of Scell-it Plusy Scell-it

Possibility to deliver a manual or air operated tool for the piercing.

Ręczne i pneumatyczne narzędzia aplikujące.

All product range  
RoHS compliant.  
Spełniają normę  
RoHS.



The insert are produced in our factory which is certified ISO 9001.  
Produkcja w fabryce z certyfikatem ISO 9001

UNIT PLANT CERTIFICATES



## HEXAGONAL INSERT / NITONAKRĘTKI SZEŚCIOKĄTNE

### Features / Opis

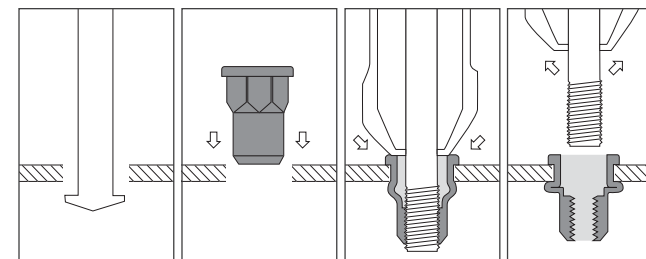
The hexagon insert is intended to the industry branches that require a perfect anti-rotation. It can be screwed and unscrewed if needed. However in order to have a optimum efficiency a precise perforation is needed.

Nitonakrętki sześciokątne przeznaczone są dla użytkowników z różnych gałęzi przemysłu. Zapewniają perfekcyjną anty rotację. Mogą być wkręcane i wykręcane zgodnie z potrzebą. W celu uzyskania optymalnej efektywności niezbędne jest precyzyjne wiercenie.

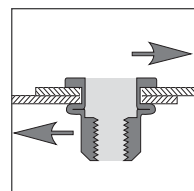
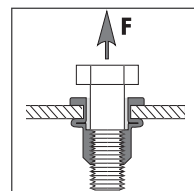
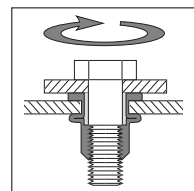
### Advantages / Zalety

It exists in steel and stainless steel with different forms of heads (dome, countersunk or reduced),the hexagonal form prevents the insert to turn.

Występują w wersji ze stali nierdzewnej i różnymi rodzajami kołnierza (cylindryczny, stożkowy lub stożkowy mini). Sześciokątna forma zapobiega obracaniu się nitonakrętki w otworze.



### Technical data / Dane techniczne

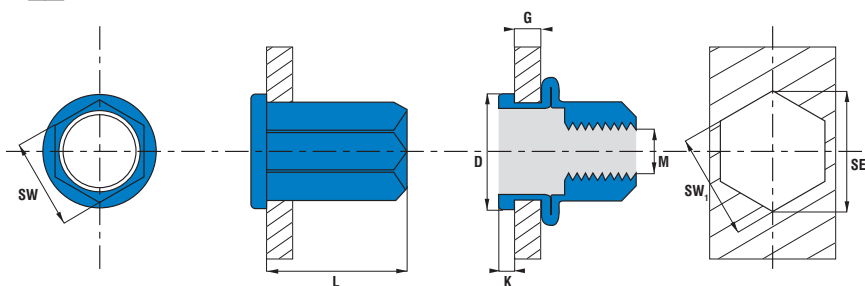


|                                                                        |     |  <b>Cylindrical head</b><br>Kołnierz cylindryczny |                                       |  <b>Reduced countersunk head</b><br>Kołnierz stożkowy mini |                                       |
|------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
|                                                                        |     | Steel<br>Stal                                                                                                                        | Stainless steel A2<br>Stal nierdzewna | Steel<br>Stal                                                                                                                                 | Stainless steel A2<br>Stal nierdzewna |
| <b>Recommended max torque (Nm)</b><br>Zalecany moment dokręcający (Nm) | M4  | 7.9                                                                                                                                  | 12.0                                  | 5.0                                                                                                                                           | 12.0                                  |
|                                                                        | M5  | 12.2                                                                                                                                 | 14.0                                  | 10.3                                                                                                                                          | 14.0                                  |
|                                                                        | M6  | 20.5                                                                                                                                 | 26.0                                  | 18.0                                                                                                                                          | 21.0                                  |
|                                                                        | M8  | 26.7                                                                                                                                 | 39.0                                  | 24.8                                                                                                                                          | 30.0                                  |
|                                                                        | M10 | 40.0                                                                                                                                 | 45.0                                  | 37.0                                                                                                                                          | 40.0                                  |
| <b>Tensile (N)</b><br>Wrywanie (N)                                     | M4  | 6 400                                                                                                                                | 10 000                                | 6 000                                                                                                                                         | 8 200                                 |
|                                                                        | M5  | 11 000                                                                                                                               | 12 000                                | 10 800                                                                                                                                        | 11 700                                |
|                                                                        | M6  | 18 000                                                                                                                               | 19 000                                | 20 000                                                                                                                                        | 21 500                                |
|                                                                        | M8  | 28 000                                                                                                                               | 37 000                                | 28 000                                                                                                                                        | 24 000                                |
|                                                                        | M10 | 30 000                                                                                                                               | 63 000                                | 40 000                                                                                                                                        | 47 000                                |
| <b>Shear (N)</b><br>Ścinanie (N)                                       | M4  | 2 300                                                                                                                                | 2 600                                 | 1 900                                                                                                                                         | 2 900                                 |
|                                                                        | M5  | 3 600                                                                                                                                | 3 400                                 | 2 400                                                                                                                                         | 3 100                                 |
|                                                                        | M6  | 4 300                                                                                                                                | 4 700                                 | 3 000                                                                                                                                         | 3 800                                 |
|                                                                        | M8  | 5 000                                                                                                                                | 6 800                                 | 3 000                                                                                                                                         | 3 900                                 |
|                                                                        | M10 | 6 000                                                                                                                                | 6 900                                 | 3 500                                                                                                                                         | 5 000                                 |

## HCD HEXAGONAL Cylindrical head / Kołnierz cylindryczny



Steel + zinc plated / Stal ocynkowana

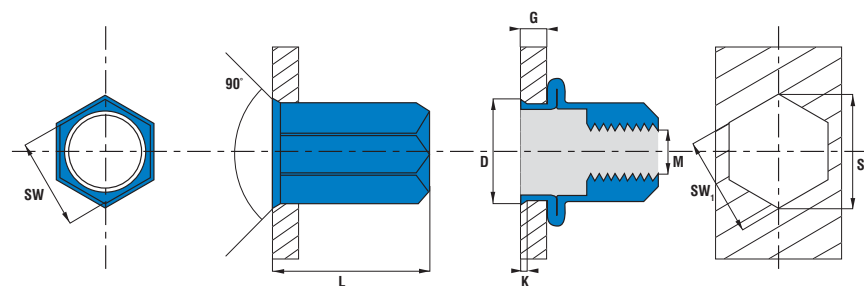


| M   | Ref     | SW   | SW <sub>1</sub> | SE   | D    | K   | L    | G (min-max) |
|-----|---------|------|-----------------|------|------|-----|------|-------------|
| mm  |         | mm   | mm              | mm   | mm   | mm  | mm   | mm          |
| M4  | HCD0430 | 6.0  | 6.1             | 6.8  | 9.3  | 1.0 | 11.5 | 0.5-3.0     |
| M5  | HCD0530 | 7.0  | 7.1             | 7.9  | 10.3 | 1.0 | 13.5 | 0.5-3.0     |
| M6  | HCD0630 | 9.0  | 9.1             | 10.2 | 12.3 | 1.5 | 15.5 | 0.5-3.0     |
| M8  | HCD0830 | 11.0 | 11.1            | 12.4 | 14.3 | 1.5 | 17.5 | 0.5-3.0     |
| M10 | HCD1040 | 13.0 | 13.1            | 14.7 | 16.3 | 2.0 | 22.0 | 1.0-4.0     |

## HCR HEXAGONAL 90° Reduced countersunk head / Kołnierz stożkowy mini



Steel + zinc plated / Stal ocynkowana



| M   | Ref     | SW   | SW <sub>1</sub> | SE   | D    | K   | L    | G (min-max) |
|-----|---------|------|-----------------|------|------|-----|------|-------------|
| mm  |         | mm   | mm              | mm   | mm   | mm  | mm   | mm          |
| M4  | HCR0425 | 6.0  | 6.1             | 6.8  | 7.0  | 0.8 | 12.0 | 0.5-3.0     |
| M5  | HCR0525 | 7.0  | 7.1             | 7.9  | 8.0  | 0.8 | 14.0 | 0.5-2.5     |
| M6  | HCR0625 | 9.0  | 9.1             | 10.2 | 10.0 | 0.8 | 16.0 | 0.5-2.5     |
| M8  | HCR0825 | 11.0 | 11.1            | 12.4 | 12.0 | 0.8 | 18.0 | 0.5-2.5     |
| M10 | HCR1040 | 13.0 | 13.1            | 14.7 | 14.0 | 0.8 | 22.0 | 0.5-4.0     |

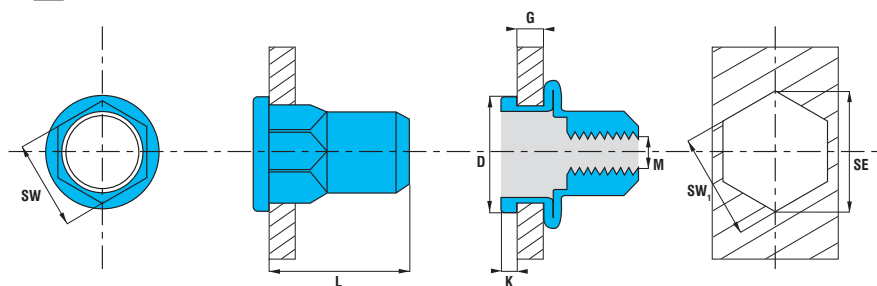


**HEXAGON INSERT** / NITONAKRĘTKI SZEŚCIOKĄTNE

## HND HALF HEXAGONAL Cylindrical head / Kołnierz cylindryczny



**Stainless steel A2 / Stal nierdzewna A2**



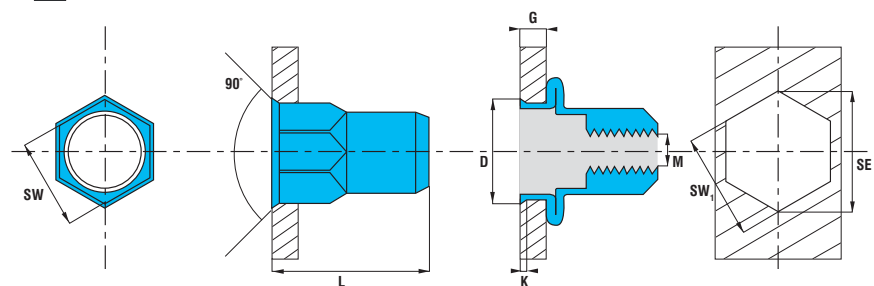
**M**  
mm

|     | Ref     | SW   | SW <sub>1</sub> | SE   | D    | K   | L    | G (min-max) |
|-----|---------|------|-----------------|------|------|-----|------|-------------|
|     |         | mm   | mm              | mm   | mm   | mm  | mm   | mm          |
| M4  | HND0425 | 6.0  | 6.1             | 6.8  | 9.3  | 1.0 | 11.5 | 0.5-2.5     |
| M5  | HND0530 | 7.0  | 7.1             | 7.9  | 10.3 | 1.0 | 13.5 | 0.5-3.0     |
| M6  | HND0630 | 9.0  | 9.1             | 10.2 | 12.3 | 1.5 | 15.5 | 0.5-3.0     |
| M8  | HND0830 | 11.0 | 11.1            | 12.4 | 14.3 | 1.5 | 17.5 | 0.5-3.0     |
| M10 | HND1040 | 13.0 | 13.1            | 14.7 | 16.3 | 2.0 | 22.0 | 1.0-4.0     |

## HNR HALF HEXAGONAL Reduced countersunk head / Kołnierz stożkowy mini



**Stainless steel A2 / Stal nierdzewna A2**



**M**  
mm

|     | Ref     | SW   | SW <sub>1</sub> | SE   | D    | K   | L    | G (min-max) |
|-----|---------|------|-----------------|------|------|-----|------|-------------|
|     |         | mm   | mm              | mm   | mm   | mm  | mm   | mm          |
| M4  | HNR0425 | 6.0  | 6.1             | 6.8  | 6.5  | 0.6 | 12.0 | 0.5-2.5     |
| M5  | HNR0530 | 7.0  | 7.1             | 7.9  | 7.5  | 0.6 | 14.0 | 0.5-3.0     |
| M6  | HNR0630 | 9.0  | 9.1             | 10.2 | 9.5  | 0.6 | 16.0 | 0.5-3.0     |
| M8  | HNR0830 | 11.0 | 11.1            | 12.4 | 11.5 | 0.6 | 17.0 | 0.5-3.0     |
| M10 | HNR1040 | 13.0 | 13.1            | 14.7 | 13.5 | 0.6 | 20.5 | 1.0-4.0     |



## GOM RUBBER NUT / GUMOWA NITONAKRĘTKA

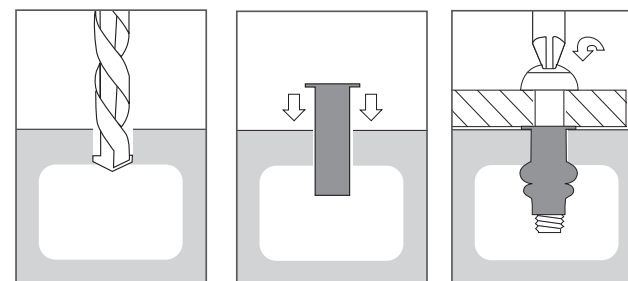
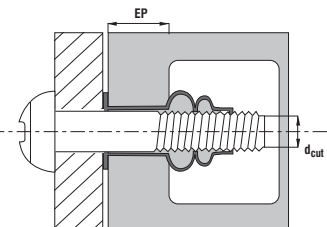


■ Rubber / Guma

- **Robust and multipurpose fixing for hollow or full material.**  
*Solidne i uniwersalne mocowanie do materiałów pustych oraz pełnych.*
- **Universal fixing conceived for blind application.**  
*Uniwersalne mocowanie stworzone do nitowania.*
- **Anti-vibration, waterproof, isolating, anti-shock and re-usable.**  
*Odporny na wibracje, wodoodporny, izolujący, odporny na wstrząsy, wielokrotnego użytku.*
- **Resistant, supports air temperature up to 90°C.**  
*Odporny na temperatury do 90°C.*

M

|     | Ref    | L  | d <sub>cut</sub> | EP (min-max) |
|-----|--------|----|------------------|--------------|
|     |        | mm | mm               | mm           |
| M4  | RN0411 | 13 | 8                | 0.2-2.0      |
| M5  | RN0515 | 14 | 10               | 0.2-2.0      |
|     | RN0525 | 27 |                  | 6.0-14.0     |
|     | RN0540 | 40 |                  | 19.0-26.0    |
| M6  | RN0615 | 16 | 13               | 0.2-2.0      |
|     | RN0625 | 27 |                  | 3.0-13.0     |
|     | RN0635 | 35 |                  | 13.0-23.0    |
| M8  | RN0825 | 28 | 18               | 6.0-15.0     |
|     | RN0850 | 50 |                  | 25.0-35.0    |
| M10 | RN1055 | 55 | 20               | 25.0-35.0    |
| M12 | RN1275 | 80 | 24               | 33.0-45.0    |



### Material / Material



CONCRETE / BETON



STONE / KAMIEŃ



SOLID BRICK / CEGŁA



PLASTERBOARD / PŁYTY GIPSOWO-KARTONOWE



HOLLOW BRICK / PUSTAK



HOLLOW CONCRETE / BETON DRAŻONY



CELLULAR CONCRETE / BETON KOMÓRKOWY

The + of Scell-it  
Plusy Scell-it

Anti-vibration, waterproof, isolating,  
anti-shock and re-usable.  
*Odporny na wibracje, wodoodporny,  
izolujący, odporny na wstrząsy,  
wielokrotnego użytku.*



## The + of Scell-it Plusy Scell-it

Blind fastener for all materials, ideal for use in thin, soft or brittle materials.

Łączniki dla wszystkich materiałów, idealne do użycia w cienkich, miękkich lub łamliwych materiałach.

Doesn't deform or crack soft plastics.

Nie odkształca i nie deformuje miękkich plastikowych materiałów.

Can be used with uneven materials.

Może być używany w nierównych materiałach.

## SPYDER XS SLEEVE ANCHOR / KOTWA TULEJOWA

### BLIND FASTENER FOR ALL MATERIALS

ŁĄCZNIKI DLA WSZYSTKICH RODZAJÓW MATERIAŁÓW

- Blind fastener for all materials, ideal for use in thin, soft or brittle materials / Łączniki dla wszystkich materiałów, idealne do użycia w cienkich, miękkich lub łamliwych materiałach.
- Doesn't deform or crack soft plastics / Nie odkształca i nie deformuje miękkich plastikowych materiałów.
- Can be used with uneven materials / Może być używany w nierównych materiałach.
- Is used with a screw / Używany z wkrętem.
- Available in M4, M5, M6 and M8 / Dostępne w rozmiarach M4, M5, M6 i M8.

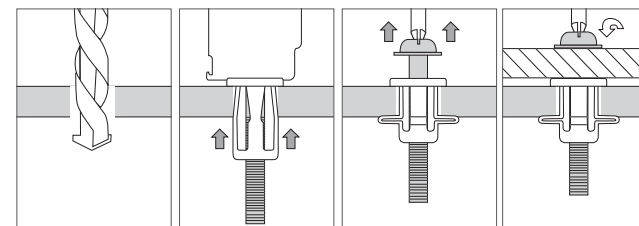
### Specific applications / Zastosowanie

- Plastic furnitures / Plastikowe meble
- Spoilers and other aerodynamic devices / Spojlery i inne urządzenia aerodynamiczne
- License plate, glove compartments / Tablice rejestracyjne, schowki na rękawiczki
- Speaker housings / Obudowy głośników
- Latch Mounting / Wsporniki zamków
- Fuse boxes, etc... / Skrzynki bezpieczników, itp...

### Advantages / Zalety

- Fast installation with manual or pneumatic tools / Szybka instalacja za pomocą narzędzi manualnych lub pneumatycznych.
- Not expensive / Tanie.
- Easy to use / Łatwe w użyciu.
- Wide grip range / Szeroki zakres mocowania.
- Great pullout resistance / Duża odporność na wrywanie.
- Is not hole-sensitive / Możliwy montaż w nieprecyzyjnych otworach.

| M  | Ref       | L    | EP (min - max) | D <sub>2</sub> | d <sub>cut</sub> | K   |
|----|-----------|------|----------------|----------------|------------------|-----|
|    |           | mm   | mm             | mm             | mm               | mm  |
| M4 | SPYDERXS4 | 16.8 | 0.381 - 4.75   | 12.4           | 8                | 1.6 |
| M5 | SPYDERXS5 | 18.4 |                | 14             | 10               |     |
| M6 | SPYDERXS6 | 18.6 |                | 16             | 12               |     |
| M8 | SPYDERXS8 | 25.5 |                | 18             | 15               | 1.8 |



### Recommended tools / Zalecane narzędzia :



### Expansion tool / Narzędzie rozporowe

- Pre-assembled / Wstępne nawiercanie
- For M4-M8 / Dla rozmiarów M4 - M8

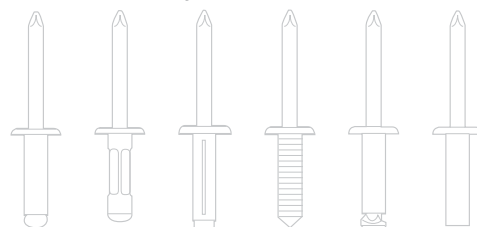
| L                 | EP                                                                  | d <sub>cut</sub>                             | K                                           | D <sub>2</sub>                              |
|-------------------|---------------------------------------------------------------------|----------------------------------------------|---------------------------------------------|---------------------------------------------|
| Length<br>Długość | Thickness of<br>plasterboard<br>Grubość płyt<br>gipsowo-kartonowych | Drill hole<br>diameter<br>Średnica<br>otworu | Flange<br>thickness<br>Grubość<br>kolnierza | Flange<br>diameter<br>Średnica<br>kolnierza |

# element<sup>®</sup>

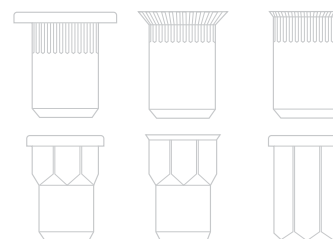
hand & power tools system



**BLIND RIVET TOOLS**  
NARZĘDZIA DO NITÓW



**BLIND NUTS TOOL**  
NARZĘDZIA DO NITONAKRĘTEK



**Scell-it®**



**The + of Scell-it**  
The + of Scell-it

The ELEMENT® range of hand tools was developed keeping the following in mind :

- Very wide range
- Ergonomics
- Ease of use
- Reliability : the tools are suitable for intensive and continuous use
- Complete : all tools are delivered with the necessary equipment to change diameters
- Modern design.

ELEMENT® to część oferty zawierająca narzędzia do nitowania oparta na kilku podstawowych zasadach :

- Różnorodność
- Ergonomia
- Łatwość użycia
- Niezawodność : nitownice są przeznaczone do intensywnego i długotrwałego użycia
- Kompletny zestaw: nitownice posiadają niezbędne części zamienne
- Nowoczesna stylistyka



|          |                                         |  |  |  |  |  |  |  |  |  |
|----------|-----------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ø2.4     | Steel / Stal                            | X                                                                                  | X                                                                                   |                                                                                     |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     |
|          | Aluminium / Aluminium                   | X                                                                                  | X                                                                                   |                                                                                     |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     |
|          | Stainless Steel / Stal nierdzewna       | X                                                                                  | X                                                                                   |                                                                                     |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     |
| Ø3.0-3.2 | Steel / Stal                            | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     |
|          | Aluminium / Aluminium                   | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     |
|          | Stainless Steel / Stal nierdzewna       | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     |
| Ø4.0     | Steel / Stal                            | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |                                                                                     |
|          | Aluminium / Aluminium                   | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |                                                                                     |
|          | Stainless Steel / Stal nierdzewna       | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |                                                                                     |
| Ø4.8-5.0 | Steel / Stal                            | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |
|          | Aluminium / Aluminium                   | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |
|          | Stainless Steel / Stal nierdzewna       | X                                                                                  | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   | X                                                                                   |
| Ø6.0-6.4 | Steel / Stal                            |                                                                                    |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |
|          | Aluminium / Aluminium                   |                                                                                    |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |
|          | Stainless Steel / Stal nierdzewna       |                                                                                    |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |                                                                                     |                                                                                     | X                                                                                   | X                                                                                   |
| Ø6.4-6.5 | Rivets de structure / Structural rivets |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | X                                                                                   |

**element®**  
hand & power tools system



E-500RH  E-500RH-R  E-500RV  E-640RV  E-640RX  E-500RB  E-500RA  E-640RA  E-649RA 



## E-500RH

HAND TOOL FOR BLIND RIVETS / RĘCZNE NARZĘDZIA DO NITÓW



### Advantages / Zalety

Professional blind riveting tool for small and light assembly work.

*Profesjonalna nitownica dla lekkich prac montażowych.*

### Technical data / Dane techniczne

|                                   |                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------|
| Capacity<br>Zakres                | Ø2.4-Ø5.0 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna  |
| Body material<br>Materiał głowica | Aluminium<br>Aluminium                                                                   |
| Lever material<br>Materiał uchwyt | ABS plastic<br>ABS plastik                                                               |
| Length<br>Długość                 | 255 mm                                                                                   |
| Weight<br>Waga                    | 0.7 kg                                                                                   |
| Equipment<br>Wyposażenie          | Nose pieces Ø3.0-Ø5.0<br>Końcówki Ø3.0-Ø5.0                                              |
| Also available<br>Dostępne wersje | As set with assortment of multigrip rivets<br>Jako zestaw asortymentu z nitami multigrip |

Extra set of jaws in the container.

*Dodatkowy zestaw końcówek.*



At the moment the mandrel is breaking the upper handle will touch the lower handle and will be more or less shockless.

*W momencie urwania trzpienia "odbojnik" stykają się zmniejszając przenoszone drgania.*

Soft touch of the handles for optimal comfort.

*Uchwyt wykonany z miękkiego materiału.*

Tool without spring to be able to retain the mandrels in a proper way.

*Nitownica bez sprężyny ułatwia umieszczenie trzpienia w prawidłowy sposób.*





## E-500RH-R

HAND TOOL FOR BLIND RIVETS / RĘCZNE NARZĘDZIA DO NITÓW



### Advantages / Zalety

Professional blind riveting tool for small and light assembly work. Equipped with an opening spring.

Profesjonalna nitownica dla lekkich prac montażowych. Wyposażona w sprężynę zamykającą.

### Technical data / Dane techniczne

|                                          |                                                                                          |
|------------------------------------------|------------------------------------------------------------------------------------------|
| <b>Capacity</b><br>Zakres                | Ø2.4-Ø5.0 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna  |
| <b>Body material</b><br>Materiał głowica | Aluminium<br>Aluminium                                                                   |
| <b>Lever material</b><br>Materiał uchwyt | ABS plastic<br>ABS plastik                                                               |
| <b>Length</b><br>Długość                 | 255 mm                                                                                   |
| <b>Weight</b><br>Waga                    | 0.7 kg                                                                                   |
| <b>Equipment</b><br>Wyposażenie          | Nose pieces Ø3.0-Ø5.0<br>Końcówki Ø3.0-Ø5.0                                              |
| <b>Also available</b><br>Dostępne wersje | As set with assortment of multigrip rivets<br>Jako zestaw asortymentu z nitami multigrip |

Extra set of jaws in the container.

Dodatkowy zestaw końcówek.



At the moment the mandrel is breaking the upper handle will touch the lower handle and will be more or less shockless.

W momencie urwania trzpienia "odbojniki" stykają się zmniejszając przenoszone drgania.

Soft touch of the handles for optimal comfort.

Uchwyt wykonany z miękkiego materiału.

Opening hand spring.

Sprężyna zamykająca.





## E-640RX

LAZY TONG TOOL FOR BLIND RIVETS / NITOWNICA HARMONIKOWA



### Advantages / Zalety

An ideal assembly tool that requires only minimal physical effort even when used intensively.

One handed operation possible.

*Idealne narzędzie nie wymagające dużego wysiłku nawet przy intensywnym użyciu. Możliwa praca przy użyciu jednej ręki.*

### Technical data / Dane techniczne

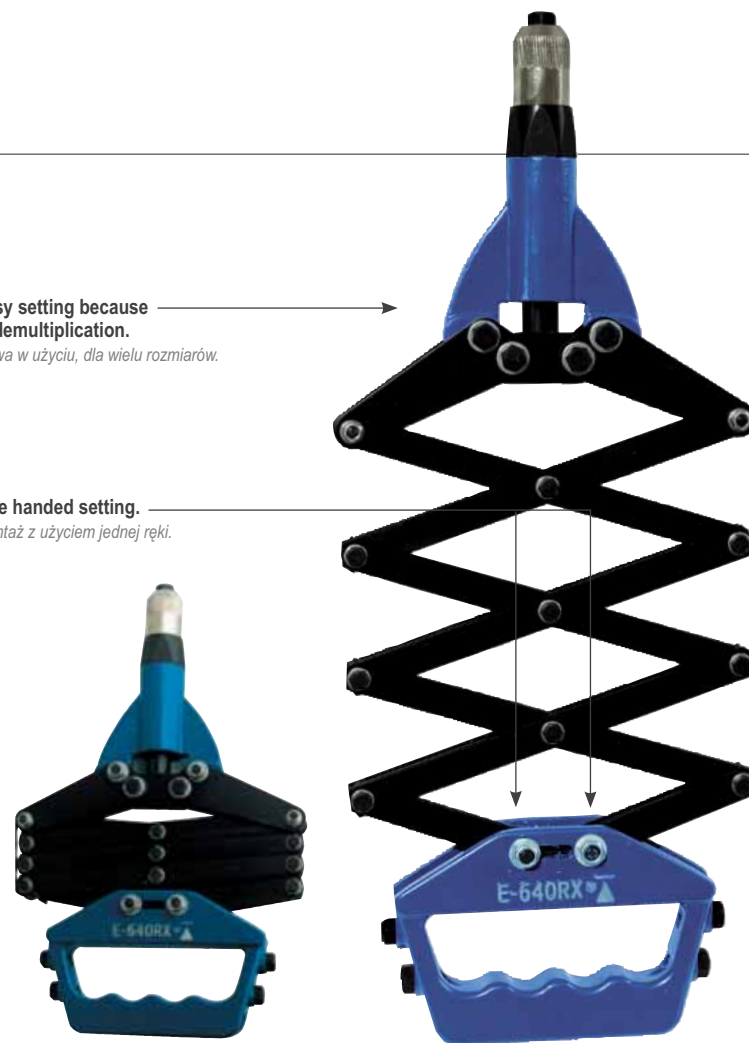
|                                           |                                                                                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Capacity</b><br>Zakres                 | Ø3.0-Ø6.4 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna |
| <b>Body material</b><br>Materiał głowica  | Aluminium<br>Aluminium                                                                  |
| <b>Lever material</b><br>Materiał uchwyt  | Steel<br>Stal                                                                           |
| <b>Length plié</b><br>Długość (zamknięta) | 310 mm                                                                                  |
| <b>Weight</b><br>Waga                     | 2.8 kg                                                                                  |
| <b>Equipment</b><br>Wyposażenie           | Nose pieces Ø3.0-Ø6.4<br>Końcówki Ø3.0-Ø6.4                                             |

Easy setting because  
of demultiplication.

*Łatwa w użyciu, dla wielu rozmiarów.*

One handed setting.

*Montaż z użyciem jednej ręki.*





## E-500RV

LONG ARM RIVETER FOR BLIND RIVETS / NITOWNICA DŁUGORAMIENNA



### Advantages / Zalety

**Heavy duty long arm riveter with adjustable levers for easier setting of large rivets.**

**The adjustable front sleeve, allows the breaking point to be set in the most ideal position.**

*Długoramienna nitownica do ciężkiego montażu nitów o dużej średnicy.*

*Czołowa tuleja nastawna, umożliwia idealne ustawienie punktu zerwania nita.*

### Technical data / Dane techniczne

|                                          |                                                                                         |
|------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Capacity</b><br>Zakres                | Ø3.0-Ø5.0 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna |
| <b>Body material</b><br>Materiał głowica | Steel<br>Stal                                                                           |
| <b>Lever material</b><br>Materiał uchwyt | ABS plastic<br>ABS plastik                                                              |
| <b>Length</b><br>Długość                 | 450 mm                                                                                  |
| <b>Weight</b><br>Waga                    | 1,4 kg                                                                                  |
| <b>Equipment</b><br>Wposażenie           | Nose pieces Ø3.0-Ø5.0<br>Końcówki Ø3.0-Ø5.0                                             |

**Provided with mandrel collector to absorb the broken mandrels.**

*Zbiornik na trzpienie urwane podczas nitowania.*

**Nose pieces compartment.**

*Dodatkowe końcówki.*



**Soft touch of the handles.**

*Uchwyt wykonany z miękkiego materiału*







## E-640RV

LONG ARM RIVETER FOR BLIND RIVETS / NITOWNICA DŁUGORAMIENNA



### Advantages / Zalety

Heavy duty long arm riveter with adjustable levers for easier setting of large rivets.

The adjustable front sleeve, allows the breaking point to be set in the most ideal position.

*Długoramienna nitownica do ciężkiego montażu nitów o dużej średnicy.*

*Czołowa tuleja nastawna, umożliwia idealne ustawienie punktu zerwania nitu.*

### Technical data / Dane techniczne

|                                                 |                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Capacity</b><br><i>Zakres</i>                | Ø3.0-Ø6.4mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna          |
| <b>Body material</b><br><i>Materiał głowica</i> | Steel<br><i>Stal</i>                                                                            |
| <b>Lever material</b><br><i>Materiał uchwyt</i> | ABS plastic<br><i>ABS plastik</i>                                                               |
| <b>Length</b><br><i>Długość</i>                 | 495 mm                                                                                          |
| <b>Weight</b><br><i>Waga</i>                    | 1,8 kg                                                                                          |
| <b>Equipment</b><br><i>Wyposażenie</i>          | Nose pieces Ø3.0-Ø6.4<br><i>Końcówki Ø3.0-Ø6.4</i>                                              |
| <b>Also available</b><br><i>Dostępne wersje</i> | As set with assortment of multigrip rivets<br><i>Jako zestaw asortymentu z nitami multigrip</i> |

Provided with mandrel collector to absorb the broken mandrels.

*Zbiornik na trzpienie urwane podczas nitowania.*

Noses pieces compartment.

*Dodatkowe końcówki.*



Soft touch of the handles.

*Uchwyt wykonany z miękkiego materiału*





## E-500RB

BLIND RIVET BATTERY TOOL 14.4V / NITOWNICA AKUMULATOROWA 14.4V



### Advantages / Zalety

Ergonomic handle, reduced weight for a very comfortable use. LED lighted drill hole for visualisation of the installation. For rivets 2.4-5.0mm. / Ergonomiczny uchwyt oraz zredukowana zapewniają wygodniejsze użycie. Podświetlenie LED otworu. Do nitów 2,4-5,0 mm.

### Technical data / Dane techniczne

|                                       |                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Capacity</b><br>Zakres             | Ø2.4-Ø5.0 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna |
| <b>Weight</b><br>Waga                 | 1.54 Kg                                                                                 |
| <b>Dimension</b><br>Wymiary           | 240 x 280 mm                                                                            |
| <b>Stroke</b><br>Skok roboczy tłoka   | 21 mm                                                                                   |
| <b>Traction power</b><br>Siła robocza | 9000 N                                                                                  |
| <b>Equipement</b><br>Wposażenie       | Nose pieces Ø2.4-Ø5.0<br>Końcówki Ø2.4-Ø5.0                                             |



**Bol récupérateur transparent**  
Przezroczysty pojemnik na trzpienie

**Ergonomic handle**  
Ergonomiczny uchwyt

**Low weight [1.87kg]**  
Lekki

**LED lighted drill hole**  
Podświetlenie LED otworu

**Big safe footprint**  
Duża stabilna podstawa

**Powerful battery**  
Wydajna bateria



## E-500RA

HYDRAULIC/PNEUMATIC BLIND RIVETING TOOL  
NITOWNICA HYDRAULICZNO-PNEUMATYCZNA



### Advantages / Zalety

High professional hydraulic/pneumatic blind riveting tool with extraction and multifunction trigger made heavy industry usage.

Profesjonalna hydrauliczno-pneumatyczna nitownica z odsysaczem i wielofunkcyjnym cynglem do intensywnego użytku.

### Technical data / Dane techniczne

|                                |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| Capacity<br>Zakres             | Ø2.4-Ø5.0 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna |
| Weight<br>Waga                 | 1,25 Kg                                                                                 |
| Dimension<br>Wymiary           | 272 x 246 x 99 mm                                                                       |
| Stroke<br>Skok roboczy tłoka   | 17 mm                                                                                   |
| Pressure required<br>Ciśnienie | 5 - 7 Bar                                                                               |
| Traction power<br>Siła robocza | 7.3 Kn                                                                                  |
| Equipment<br>Wposażenie        | Nose pieces Ø2.4-Ø5.0<br>Końcówki Ø2.4-Ø5.0                                             |



#### Multifunctional mandrel collector.

*Wielofunkcyjny zbiornik na trzpienie.*

Enables the suction and the evacuation of the broken mandrels.

*Zasysa i usuwa urwane trzpienie.*

#### Multifunctional trigger.

*Wielofunkcyjny cyngiel.*

Enables to control the suction through a trigger button.

*Umożliwia kontrolę siły ciśnienia.*

#### Revolving air supply.

*Obrotowy podajnik powietrza.*

Enables manipulation with an air supply hose pipe during operation. The hose pipe does not restrain the operator from riveting in any position.

*Umożliwia regulację ustawienia węża dostarczającego powietrze. Nie ogranicza pozycji użytkownika podczas nitowania.*



## E-640RA

### HYDRAULIC/PNEUMATIC BLIND RIVETING TOOL

#### NITOWNICA HYDRAULICZNO-PNEUMATYCZNA



#### Advantages / Zalety

High professional hydraulic/pneumatic blind riveting tool with extraction and multifunction trigger made heavy industry usage.

Profesjonalna hydrauliczno-pneumatyczna nitownica z odsysaczem i wielofunkcyjnym cynglem do intensywnego użytku.

#### Technical data / Dane techniczne

|                                |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| Capacity<br>Zakres             | Ø4.0-Ø6.4 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna |
| Weight<br>Waga                 | 1,65 Kg                                                                                 |
| Dimension<br>Wymiary           | 272 x 275 x 120 mm                                                                      |
| Stroke<br>Skok roboczy tłoka   | 21 mm                                                                                   |
| Pressure required<br>Ciśnienie | 5 - 7 Bar                                                                               |
| Traction power<br>Siła robocza | 12.5 Kn                                                                                 |
| Equipment<br>Wposażenie        | Nose pieces Ø4.8-Ø6.4<br>Końcówki Ø4.8-Ø6.4                                             |



**Multifunctional mandrel collector.**  
Wielofunkcyjny zbiornik na trzpienie.  
Enables the suction and the evacuation of the broken mandrels.  
Zasysa i usuwa urwane trzpienie.

**Multifunctional trigger.**  
Wielofunkcyjny cyngiel.  
Enables to control the suction through a trigger button.  
Umożliwia kontrolę siły ciśnienia.

**Revolving air supply.**  
Obrotowy podajnik powietrza.  
Enables manipulation with an air supply hose pipe during operation.  
The hose pipe does not restrain the operator from riveting in any position.  
Umożliwia regulację ustawienia węży dostarczającego powietrze.  
Nie ogranicza pozycji użytkownika podczas nitowania.



## E-649RA

### HYDRAULIC/PNEUMATIC STRUCTURAL BLIND RIVETING TOOL

#### NITOWNICA HYDRAULICZNO-PNEUMATYCZNA



#### Advantages / Zalety

High professional hydraulic/pneumatic blind riveting tool with extraction and multifunction trigger for heavy industry use.

*Profesjonalna hydrauliczno-pneumatyczna nitownica z odsysaczem i wielofunkcyjnym cynglem do intensywnego użytku.*

#### Technical data / Dane techniczne

|                                |                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Capacity<br>Zakres             | Ø4.8-Ø6.4 mm - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna                       |
| Weight<br>Waga                 | 1.95 Kg                                                                                                       |
| Dimension<br>Wymiary           | 292 x 290 x 120 mm                                                                                            |
| Stroke<br>Skok roboczy tłoka   | 26 mm                                                                                                         |
| Pressure required<br>Ciśnienie | 5 - 7 Bar                                                                                                     |
| Traction power<br>Siła robocza | 14.5 Kn                                                                                                       |
| Equipment<br>Wyposażenie       | Nose pieces Ø4.0-Ø6.4 + structural rivets nose piece<br>Końcówki Ø4.0-Ø6.4 + końcówki do nitów strukturalnych |



#### Multifunctional mandrel collector.

*Wielofunkcyjny zbiornik na trzpienie.*

Enables the suction and the evacuation of the broken mandrels.

*Zasysa i usuwa urwane trzpienie.*

#### Multifunctional trigger.

*Wielofunkcyjny cyngiel.*

Enables to control the suction through a trigger button.

*Umożliwia kontrolę siły ciśnienia.*



## RIV508

HYDRAULIC/ PNEUMATIC TOOL FOR  
STRUCTURAL BLIND RIVET / PIN AND COLLAR  
NITOWNICA HYDRAULICZNO-PNEUMATYCZNA DO  
NITÓW STRUKTURALNYCH



**Without equipment**

*Bez wyposażenia dodatkowego*



### Technical data / Dane techniczne

|                                                                                                  |                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Capacity</b><br><i>Zakres</i>                                                                 | Ø4.8-Ø6.4-Ø7.8mm                                                                                                                                                       |
| <b>Weight</b><br><i>Waga</i>                                                                     | 2 700 g                                                                                                                                                                |
| <b>Dimension</b><br><i>Wymiary</i>                                                               | 270 x 310 mm                                                                                                                                                           |
| <b>Stroke</b><br><i>Skok roboczy tłoka</i>                                                       | 21 mm                                                                                                                                                                  |
| <b>Traction power</b><br><i>Siła robocza</i>                                                     | 20 500 N                                                                                                                                                               |
| <b>Pressure required</b><br><i>Ciśnienie</i>                                                     | 5 - 7 Bar                                                                                                                                                              |
| <b>Air consumption</b><br><i>Air consumption</i>                                                 | 5.5 L                                                                                                                                                                  |
| <b>Equipment rivet</b><br><i>Blind rivet</i><br><i>Wyposażenie</i>                               | Nose pieces / <i>Końcówki</i> :<br>508/80R (7.8mm - ORLOCK)                                                                                                            |
| <b>Pin and collar</b><br><b>Equipment</b><br><i>Wyposażenie</i><br><i>sworznie i pierścienie</i> | Nose pieces / <i>Końcówki</i> :<br>- 508/50B (4.8mm - HYPERBOLT)<br>- 508/64B (6.4mm - HYPERBOLT)<br>- 508/64G (6.4mm - SUPERBOLT)<br>- 508/64B/T (6.4mm - TAINERBOLT) |

## RIV509

HYDRAULIC/ PNEUMATIC TOOL  
FOR PIN AND COLLAR  
NITOWNICA HYDRAULICZNO-PNEUMATYCZNA  
DO SWORZNI IPIERŚCIENI



**Without equipment**

*Bez wyposażenia dodatkowego*

### Technical data / Dane techniczne

|                                                                                                  |                                                                                                                                      |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Capacity</b><br><i>Zakres</i>                                                                 | Ø6.4- Ø8.0-Ø10.0mm                                                                                                                   |
| <b>Weight</b><br><i>Waga</i>                                                                     | 4 500 g                                                                                                                              |
| <b>Dimension</b><br><i>Wymiary</i>                                                               | 279 x 359.5 mm                                                                                                                       |
| <b>Stroke</b><br><i>Skok roboczy tłoka</i>                                                       | 19 mm                                                                                                                                |
| <b>Traction power</b><br><i>Siła robocza</i>                                                     | 35 000 N                                                                                                                             |
| <b>Pressure required</b><br><i>Ciśnienie</i>                                                     | 5 - 7 Bar                                                                                                                            |
| <b>Air consumption</b><br><i>Zużycie powietrza</i>                                               | 14 L                                                                                                                                 |
| <b>Pin and collar</b><br><b>Equipment</b><br><i>Wyposażenie</i><br><i>sworznie i pierścienie</i> | Nose pieces / <i>Końcówki</i> :<br>- 509/64B (6.4mm - HYPERBOLT)<br>- 509/80B (8.0mm - HYPERBOLT)<br>- 509/100B (10.0mm - HYPERBOLT) |

**Scell-it®**



**The + of Scell-it**  
The + of Scell-it

The ELEMENT® range of hand tools was developed keeping the following in mind :

- Very wide range
- Ergonomics
- Ease of use
- Reliability : the tools are suitable for intensive and continuous use
- Complete : all tools are delivered with the necessary equipment to change diameters
- Modern design.

ELEMENT® to część oferty zawierająca narzędzia do nitowania oparta na kilku podstawowych zasadach :

- Różnorodność
- Ergonomia
- Łatwość użycia
- Niezawodność : nitownice są przeznaczone do intensywnego i długotrwałego użycia
- Kompletny zestaw: nitownice posiadają niezbędne części zamienne
- Nowoczesna stylistyka

**element®**  
hand & power tools system

E-360NH

E-360NV

E-360NV-T

E-410NV

E-410NV-T

E-612NH

E-412NA



| M3  | Steel / Stal                      | X | X | X |   |   |   |   |
|-----|-----------------------------------|---|---|---|---|---|---|---|
|     | Aluminium / Aluminium             | X | X | X |   |   |   |   |
|     | Stainless Steel / Stal nierdzewna | X | X | X |   |   |   |   |
| M4  | Steel / Stal                      | X | X | X | X | X |   | X |
|     | Aluminium / Aluminium             | X | X | X | X | X |   | X |
|     | Stainless Steel / Stal nierdzewna | X | X | X | X | X |   | X |
| M5  | Steel / Stal                      | X | X | X | X | X |   | X |
|     | Aluminium / Aluminium             | X | X | X | X | X |   | X |
|     | Stainless Steel / Stal nierdzewna | X | X | X | X | X |   | X |
| M6  | Steel / Stal                      | X | X | X | X | X | X | X |
|     | Aluminium / Aluminium             | X | X | X | X | X | X | X |
|     | Stainless Steel / Stal nierdzewna |   | X | X | X | X | X | X |
| M8  | Steel / Stal                      |   |   |   | X | X | X | X |
|     | Aluminium / Aluminium             |   |   |   | X | X | X | X |
|     | Stainless Steel / Stal nierdzewna |   |   |   | X | X | X | X |
| M10 | Steel / Stal                      |   |   |   | X | X | X | X |
|     | Aluminium / Aluminium             |   |   |   | X | X | X | X |
|     | Stainless Steel / Stal nierdzewna |   |   |   | X | X | X | X |
| M12 | Steel / Stal                      |   |   |   |   |   | X | X |
|     | Aluminium / Aluminium             |   |   |   |   |   | X | X |
|     | Stainless Steel / Stal nierdzewna |   |   |   |   |   | X | X |





## E-360NH

HAND TOOL FOR BLIND RIVET NUTS / RĘCZNE NARZĘDZIE DO NITONAKRĘTEK



### Advantages / Zalety

**Compact and practical hand tool for setting blind rivet nuts.**

*Proste i praktyczne narzędzie do montażu nitonakrętek.*

### Technical data / Dane techniczne

|                                          |                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Capacity</b><br>Zakres                | M3-M6 - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna          |
| <b>Body material</b><br>Materiał głowica | Aluminium                                                                                 |
| <b>Lever material</b><br>Materiał uchwyt | ABS plastic<br>ABS plastik                                                                |
| <b>Length</b><br>Długość                 | 280 mm                                                                                    |
| <b>Weight</b><br>Waga                    | 0.8 kg                                                                                    |
| <b>Equipment</b><br>Wypożyczenie         | Nose pieces M3- M6<br>Końcówki M3-M6                                                      |
| <b>Also available</b><br>Dostępne wersje | As set with assortment of blind nuts<br>Jako zestaw z nitonakrętkami o różnych rozmiarach |

**Provided with a quick mandrel change system.**

*Wypożyczone w system szybkiej wymiany trzpieni.*

**The length of the handles is in perfect balans with the force you need to place nuts upto M6.**

*Długość uchwytu jest doskonale zbalansowana z siłą potrzebną do montażu nitonakrętek do rozmiaru M6.*







## E-360NV

TWO HANDS OPERATED NUTTOOL / DWURĘCZNE NARZĘDZIE DO NITONAKRĘTEK



### Advantages / Zalety

**Two hand operated nuttool to professional (small and very light tool).**

*Dwuręczne narzędzie dla profesjonalistów (niewielkie i bardzo lekkie).*

### Technical data / Dane techniczne

|                                          |                                                                                         |
|------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Capacity</b><br>Zakres                | <b>M3-M6</b> - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna |
| <b>Body material</b><br>Materiał głowica | Aluminium<br>Aluminium                                                                  |
| <b>Lever material</b><br>Materiał uchwyt | ABS plastic<br>ABS plastik                                                              |
| <b>Length</b><br>Długość                 | 370 mm                                                                                  |
| <b>Weight</b><br>Waga                    | 1.2 kg                                                                                  |
| <b>Equipment</b><br>Wposażenie           | Nose pieces M3- M6<br>Końcówki M3-M6                                                    |

**Provided with a quick mandrel change system.**

*Wposażone w system szybkiej wymiany trzpieni.*

**Small and very light tool.**

*Narzędzie niewielkie i bardzo lekkie.*



**Operated with two levers (opening automatic ) give the guarantee for very easy setting.**

*Dwuręczna (automatyczne rozwarcie ) daje gwarancję łatwego montażu.*





## E-360NV-T

TWO HANDS OPERATED NUTTOOL / DWURĘCZNE NARZĘDZIE DO NITONAKRĘTEK



### Advantages / Zalety

**Two hand operated nuttool to professional (small and very light tool).**

*Dwuręczne narzędzie dla profesjonalistów (niewielkie i bardzo lekkie).*

### Technical data / Dane techniczne

|                                          |                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Capacity</b><br>Zakres                | <b>M3-M6</b> - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna   |
| <b>Body material</b><br>Materiał głowica | Aluminium<br>Aluminium                                                                    |
| <b>Lever material</b><br>Materiał uchwyt | ABS plastic<br>ABS plastik                                                                |
| <b>Length</b><br>Długość                 | 370 mm                                                                                    |
| <b>Weight</b><br>Waga                    | 1.4 kg                                                                                    |
| <b>Equipment</b><br>Wyposażenie          | Nose pieces M3- M6<br>Końcówki M3-M6                                                      |
| <b>Also available</b><br>Dostępne wersje | As set with assortment of blind nuts<br>Jako zestaw z nitonakrętkami o różnych rozmiarach |

**Provided with a quick mandrel change system.**

*Wyposażone w system szybkiej wymiany trzpieni.*

**Small and very light tool.**

*Narzędzie niewielkie i bardzo lekkie.*



**Tool with the spindle gives guarantee for quicker assembling.**

*Wskaźnik regulacji skoku gwarantuje szybszy montaż.*

**Operated with two levers (opening automatic) give the guarantee for very easy setting.**

*Dwuręczna (automatyczne rozwarcie) daje gwarancję łatwego montażu.*





## E-410NV

TWO HANDS OPERATED NUTTOOL / DWURĘCZNE NARZĘDZIE DO NITONAKRĘTEK



### Advantages / Zalety

**Two hand operated nuttool to professional.**

*Dwuręczne narzędzie dla profesjonalistów.*

### Technical data / Dane techniczne

|                                   |                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------|
| Capacity<br>Zakres                | M4-M10 - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna         |
| Body material<br>Materiał głowica | Aluminium<br>Aluminium                                                                    |
| Lever material<br>Materiał uchwyt | ABS plastic<br>ABS plastik                                                                |
| Length<br>Długość                 | 475 mm                                                                                    |
| Weight<br>Waga                    | 2.0 kg                                                                                    |
| Equipment<br>Wposażenie           | Nose pieces M4- M10<br>Kończówki M4-M10                                                   |
| Also available<br>Dostępne wersje | As set with assortment of blind nuts<br>Jako zestaw z nitonakrętkami o różnych rozmiarach |

**Provided with a quick mandrel change system.**

*Wposażone w system szybkiej wymiany trzpieni.*

**Operated with two levers (opening automatic ) give the guarantee for very easy setting.**

*Dwuręczna (automatyczne rozwarcie ) daje gwarancję łatwego montażu.*





## E-410NV-T

TWO HANDS OPERATED NUT TOOL / DWURĘCZNE NARZĘDZIE DO NITONAKRĘTEK



### Advantages / Zalety

Two hands operated nut tool for professionals.

*Dwuręczne narzędzie do nitonakrętek.*

### Technical data / Dane techniczne

|                                   |                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| Capacity<br>Zakres                | M4-M10 - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna                |
| Body material<br>Materiał głowica | Aluminium<br><i>Aluminium</i>                                                                    |
| Lever material<br>Materiał uchwyt | ABS plastic<br><i>ABS plastik</i>                                                                |
| Length<br>Długość                 | 475 mm                                                                                           |
| Weight<br>Waga                    | 2.2 kg                                                                                           |
| Equipment<br>Wposażenie           | Nose pieces M4- M10<br><i>Końcówki M4-M10</i>                                                    |
| Also available<br>Dostępne wersje | As set with assortment of blind nuts<br><i>Jako zestaw z nitonakrętkami o różnych rozmiarach</i> |

Provided with a quick mandrel change system.

*Wposażone w system szybkiej wymiany trzpieni.*

Tool with the spindle gives guarantee for quicker assembling.

*Wskaźnik regulacji skoku gwarantuje szybszy montaż.*

Operated with two levers (opening automatic ) give the guarantee for very easy setting.

*Dwuręczna (automatyczne rozwarcie ) daje gwarancję łatwego montażu.*





## E-612NH

BLIND NUT TOOL BUILDING IN RETCHED -KEY / NARZĘDZIE DO NITONAKRĘTEK Z SYSTEMEM ZAPADKOWYM



### Advantages / Zalety

Setting tool in small areas.

Montaż nitonakrętek w trudno dostępnych miejscach.

### Technical data / Dane techniczne

|                                   |                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------|
| Capacity<br>Zakres                | M6-M12 - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna         |
| Body material<br>Materiał głowica | Steel<br>Stal                                                                             |
| Lever material<br>Materiał uchwyt | Steel<br>Stal                                                                             |
| Length<br>Długość                 | 210 mm                                                                                    |
| Weight<br>Waga                    | 1.1 kg                                                                                    |
| Equipment<br>Wposażenie           | Nose pieces M6- M12<br>Końcówki M6-M12                                                    |
| Also available<br>Dostępne wersje | As set with assortment of blind nuts<br>Jako zestaw z nitonakrętkami o różnych rozmiarach |

Because of the ratchet system you need less power to set a nut.

System zapadkowy – mniej energii potrzebnej do montażu.

Provided with a quick mandrel change system.

Wyposażone w system szybkiej wymiany trzpieni.

Easy setting in small areas.

System zapadkowy – mniej energii potrzebnej do montażu.





## E-412NA

HYDRAULIC/PNEUMATIC BLIND NUTS TOOL

HYDRAULICZNO-PNEUMATYCZNE NARZĘDZIE DO NITONAKRĘTEK



### Advantages / Zalety

High professional hydraulic/pneumatic blind rivet nut tool with automatic right and left running made for heavy industry usage.

*Profesjonalne hydrauliczno-pneumatyczne narzędzie do intensywnego montażu dużych nitonakrętek.*

### Technical data / Dane techniczne

|                                |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| Capacity<br>Zakres             | M4-M12 - Aluminium / Aluminium - Steel / Stal - Stainless Steel / Stal nierdzewna |
| Weight<br>Waga                 | 1,60 Kg                                                                           |
| Dimension<br>Wymiary           | 270 x 264 x 99 mm                                                                 |
| Stroke<br>Skok roboczy tłoka   | 7 mm                                                                              |
| Pressure required<br>Ciśnienie | 5 - 7 Bar                                                                         |
| Traction power<br>Siła robocza | 18.5 Kn                                                                           |
| Equipment<br>Wyposażenie       | Nose pieces M4-M10<br>Końcówki M4-M10                                             |



Automatic left and right running.

*Automatyczny tryb wkręcania i wykręcania.*

Multifunctional trigger.

*Wielofunkcyjny cyngiel.*

Enables to control the suction through a trigger button.

*Umożliwia kontrolę siły ciśnienia.*

Revolving air supply.

*Obrotowy podajnik powietrza.*

Enables manipulation with an air supply hose pipe during operation. The hose pipe does not restrain the operator from riveting in any position.

*Umożliwia regulację ustawienia węży dostarczającego powietrze. Nie ogranicza pozycji użytkownika podczas nitowania.*

## NOTATKI



## BLIND RIVETS



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