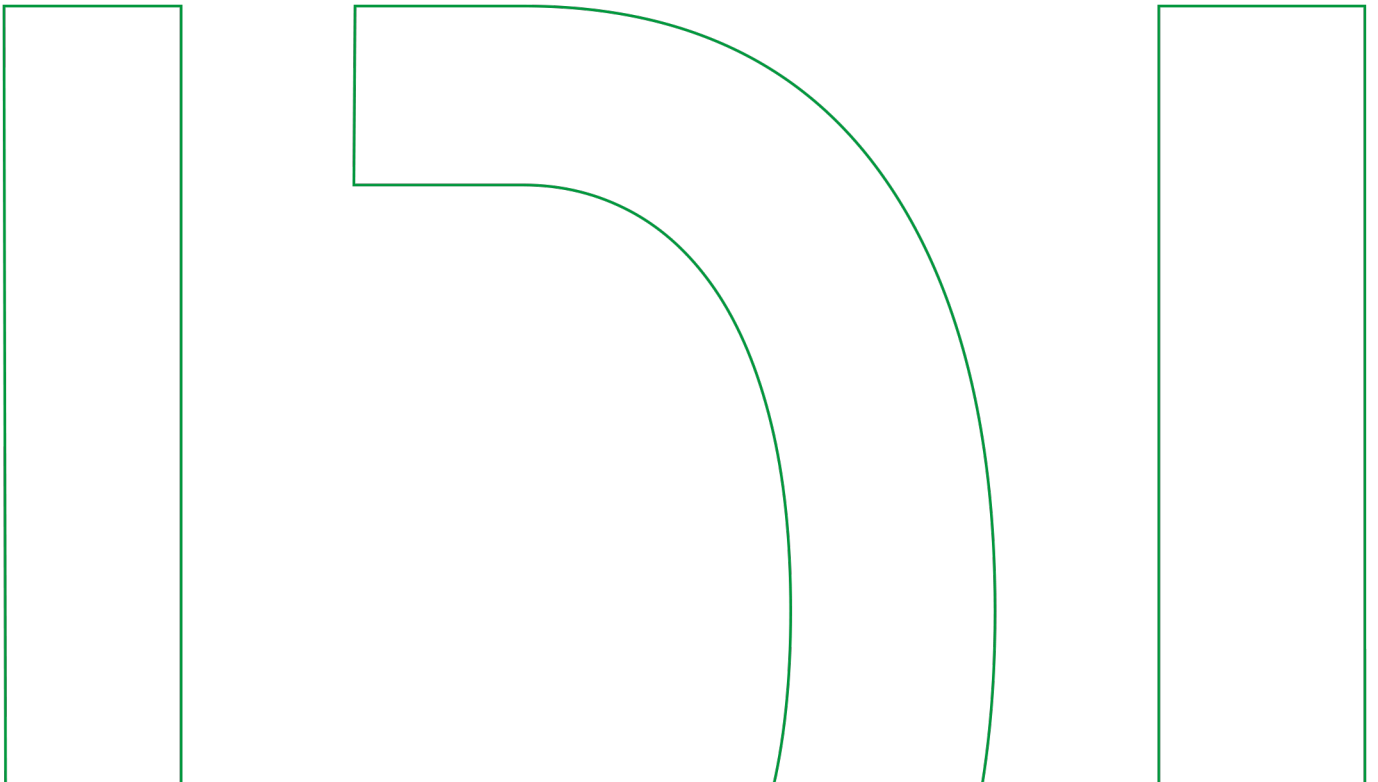




**LIGHTING ACCESSORIES**  
DISTANCE, SOLDER AND RIVET PARTS



**BRASS SPACER 10X2,3X10 NICKEL****Product number 2105-0054-1010-3114**

Länge: 10mm  
Outer diameter: 10,0mm  
Material: Brass  
Surface and color: nickel plated  
Weight: 4,48g  
Diameter inside: 5,4mm

**BRASS SPACER 6X0,75X40 RAW****Product number 2105-0640-0075-3101**

Height 40mm  
Diameter inside: 4,5mm  
Material: Brass  
Outer diameter: 6,0mm  
Weight: 3,97g  
Surface and color: raw

**BRASS SPACER 8X1,0X15 RAW****Product number 2105-0810-0015-3101**

Länge: 15mm  
Outer diameter: 8,0mm  
Material: Brass  
Diameter inside: 6,0mm  
Weight: 2,55g  
Surface and color: raw

**BRASS SPACER 12,8X1,0X50 NICKEL****Product number 2105-1210-0050-3114**

Länge: 50mm  
Outer diameter: 12,8mm  
Material: Brass  
Diameter inside: 10,8mm  
Surface and color: nickel plated  
Weight: 15,84g

**PLASTIC SPACER 12X5,3X7,0 POLYAMIDE NATURE****Product number 2105-1253-0007-4122**

Länge: 7mm  
Diameter inside: 5,3mm  
Outer diameter: 12,0mm  
Weight: 0,72g  
Surface and color:natural color  
Material: Plastic

**ALU SPACER 8X1,75X4,5 RAW****Product number 2105-8175-0045-3501**

Länge: 4,5mm  
Outer diameter: 8,0mm  
Diameter inside: 5,5mm  
Weight: 0,41g  
Surface and color:raw  
Material: Aluminium

**BRASS SPACER 8X6,5 MH 6,0 MM RAW****Product number 2110-0008-0065-3101**

Height 6.5mm  
Outer diameter: 8,0mm  
Material: Brass  
Diameter inside: 6,0mm  
Surface and color:raw  
Weight: 1,11g

**IRON SPACER 8X2,5 MH4,5 MM NICKEL****Product number 2110-0082-0045-2114**

Height 2.5mm  
Outer diameter: 8,0mm  
Diameter inside: 4,5mm  
Surface and color:nickel plated  
Material: Iron  
Weight: 0,63g

**IRON SPACER 8X5 MH4,5 MM NICKEL****Product number 2110-0085-0045-2114**

Height 5mm  
Outer diameter: 8,0mm  
Diameter inside: 4,5mm  
Weight: 1,21g  
Surface and color:nickel plated  
Material: Iron

**IRON SPACER 8X7 MH4,5 MM NICKEL****Product number 2110-0087-0045-2114**

Height 7mm  
Outer diameter: 8,0mm  
Diameter inside: 4,5mm  
Surface and color:nickel plated  
Weight: 1,73g  
Material: Iron

**BRASS SPACER 14X5 FOR 13 MM TUBE HOLLOW RAW****Product number 2110-0145-0013-3101**

Height 5mm  
Outer diameter: 14,0mm  
Diameter inside: 10,0mm  
Material: Brass  
Weight: 2,67g  
Surface and color:raw

**BRASS SPACER 14X5 FOR 13 MM TUBE HOLLOW CHROME****Product number 2110-0145-0013-3102**

Height 5mm  
Outer diameter: 14,0mm  
Material: Brass  
Surface and color:chrome plated  
Weight: 2,63g

**BRASS SPACER 14X5 FOR 16 MM TUBE HOLLOW RAW****Product number** 2110-0145-0016-3101

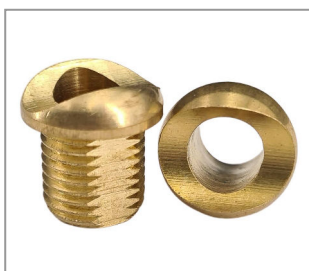
Height: 5mm  
 Outer diameter: 14,0mm  
 Diameter inside: 10,0mm  
 Material: Brass  
 Weight: 2,39g  
 Surface and color: raw

**BRASS SPACER 14X5 FOR 20 MM TUBE HOLLOW RAW****Product number** 2110-0145-0020-3101

Height: 5mm  
 Outer diameter: 14,0mm  
 Diameter inside: 10,0mm  
 Material: Brass  
 Weight: 1,94g  
 Surface and color: raw

**BRASS SPACER 14X5 FOR 25 MM TUBE HOLLOW RAW****Product number** 2110-0145-0025-3101

Height: 5mm  
 Outer diameter: 14,0mm  
 Diameter inside: 10,0mm  
 Material: Brass  
 Surface and color: raw  
 Weight: 2,64g

**BRASS SOLDER NIPPLE 13X14 M10X1 HOLLOW 8 MM TUBE PROFIL RAW****Product number** 2112-1314-0008-3101

Height: 14mm  
 Diameter inside: 4,0mm  
 Anti-twist device: Yes  
 Thread type: AG  
 Outer diameter: 13,0mm  
 Material: Brass  
 Thread size: M10x1  
 Surface and color: raw

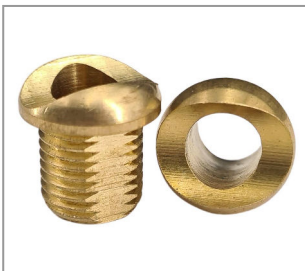
Weight: 4,41g

**BRASS SOLDER NIPPLE 13X14 M10X1 HOLLOW 10 MM TUBE PROFIL RAW****Product number**

Height: 14mm  
 Diameter inside: 7,0mm  
 Anti-twist device: Yes  
 Thread type: AG  
 Outer diameter: 13,0mm  
 Material: Brass  
 Weight: 4,4g  
 Thread size: M10x1

**2112-1314-0010-3101**

Surface and color: raw

**BRASS SOLDER NIPPLE 13X14 M10X1 HOLLOW 13 MM TUBE PROFIL RAW****Product number**

Height: 14mm  
 Länge: 14mm  
 Screw-on: Yes  
 Diameter inside: 7,0mm  
 Thread type: AG  
 Weight: 3,59g  
 Outer diameter: 13,0mm  
 Material: Brass

**2112-1314-0013-3101**

Thread size: M10x1  
 Surface and color: raw

**BRASS SOLDER NIPPLE 13X20 M10X1 HOLLOW 10 MM TUBE PROFIL RAW****Product number**

Height: 20mm  
 Diameter inside: 7,0mm  
 Anti-twist device: Yes  
 Thread type: AG  
 Outer diameter: 13,0mm  
 Material: Brass  
 Thread size: M10x1  
 Surface and color: raw

**2112-1320-0010-3101**

Weight: 6,03g

**BRASS SOLDER NIPPLE 13X11 M10X1 PROJECTION 7,5X1 PROFIL RAW****Product number**

Height: 11mm  
 Anti-twist device: Yes  
 Thread type: AG  
 Diameter inside: 6,9mm  
 Outer diameter: 13,0mm  
 Material: Brass  
 Thread size: M10x1  
 Weight: 3,14g

**2115-1311-0751-3101**

Surface and color: raw

**BRASS SOLDER NIPPLE 13X14 M10X1 PROJECTION 5,5X1 PROFIL RAW****Product number****2115-1314-0551-3101**

Height: 14mm  
 Anti-twist device: Yes  
 Thread type: AG  
 Diameter inside: 6,9mm  
 Outer diameter: 13,0mm  
 Material: Brass  
 Weight: 3,66g  
 Thread size: M10x1

Surface and color: raw

**BRASS SOLDER NIPPLE 13X14 M10X1 PROJECTION 7,5X1 PROFIL RAW****Product number****2115-1314-0751-3101**

Height: 14mm  
 Anti-twist device: Yes  
 Thread type: AG  
 Diameter inside: 6,9mm  
 Outer diameter: 13,0mm  
 Material: Brass  
 Weight: 4,7g  
 Thread size: M10x1

Surface and color: raw

**BRASS SOLDER NIPPLE 14X13 M10X1 PROJ. 7,5X1 PROFIL RAW****Product number****2115-1413-0751-3101**

Height: 13mm  
 Anti-twist device: Yes  
 Thread type: AG  
 Outer diameter: 14,0mm  
 Diameter inside: 6,9mm  
 Material: Brass  
 Thread size: M10x1  
 Weight: 4,77g

Surface and color: raw

**BRASS SOLDER NIPPLE 15X12 M10X1 PROJECTION 10,5X2 PROFIL RAW****Product number****2116-1512-0101-3101**

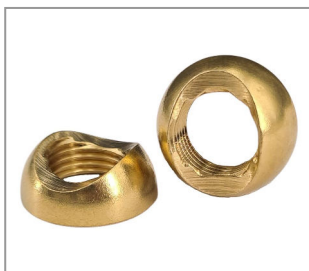
Height: 12mm  
 Länge: 12mm  
 Screw-on: Yes  
 Thread type: AG  
 Diameter inside: 6,9mm  
 Outer diameter: 15,0mm  
 Material: Brass  
 Weight: 5,19g

Thread size: M10x1

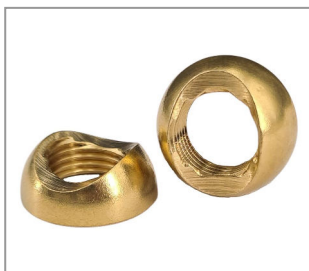
Surface and color: raw

**BRASS SOLDER NUT 16X7 M10X1 HOLLOW 8 MM TUBE RAW****Product number 2120-1607-0008-3101**

Height: 7mm  
 Screw-on: Yes  
 Outer diameter: 16,0mm  
 Material: Brass  
 Weight: 4,63g  
 Thread size: M10x1  
 Surface and color: raw

**BRASS SOLDER NUT 16X7 M10X1 HOLLOW 10 MM TUBE RAW****Product number 2120-1607-0010-3101**

Height: 7mm  
 Outer diameter: 16,0mm  
 Material: Brass  
 Diameter inside: 8,8mm  
 Thread type: IG  
 Thread size: M10x1  
 Surface and color: raw  
 Weight: 4,76g

**BRASS SOLDER NUT 16X7 M10X1 HOLLOW 13 MM TUBE RAW****Product number 2120-1607-0013-3101**

Height: 7mm  
 Outer diameter: 16,0mm  
 Material: Brass  
 Diameter inside: 8,8mm  
 Thread type: IG  
 Thread size: M10x1  
 Weight: 4,67g  
 Surface and color: raw

**BRASS SOLDER NUT 15X6,5 M10X1 PROJECTION 7,5X1 W. PROJECTION RAW****Product number 2125-1565-0751-3101**

Height: 6.5mm  
 Outer diameter: 15,0mm  
 Material: Brass  
 Diameter inside: 8,8mm  
 Thread type: IG  
 Thread size: M10x1  
 Weight: 4,32g  
 Surface and color: raw



**BRASS SOLDER SLEEVE 20X20 M10X1 LATERALLY HOLE 10 MM TUBE RAW****Product number****2131-2020-0101-3101**

Height: 20mm  
 Länge: 20mm  
 Material: Brass  
 Diameter inside: 8,8mm  
 Thread type: IG  
 Weight: 24,5g  
 Thread size: M10x1  
 Outer diameter: 20,0mm

Surface and color:raw

**BRASS SOLDER SLEEVE 25X18 M10X1 LATERALLY HOLE 10 MM TUBE RAW****Product number****2131-2518-0101-3101**

Height: 18mm  
 Material: Brass  
 Outer diameter: 25,0mm  
 Diameter inside: 8,8mm  
 Thread type: IG  
 Thread size: M10x1  
 Weight: 33,3g  
 Surface and color:raw

**BRASS SOLDER SLEEVE 13X10 M10X1 PROJECTION 12X1 RAW****Product number****2135-1310-0121-3101**

Height: 10mm  
 Screw-on: Yes  
 Outer diameter: 13,0mm  
 Material: Brass  
 Thread type: IG  
 Thread size: M10x1  
 Weight: 4,79g  
 Surface and color:raw

**IRON SCREW SOCKET 8X32 M4X6 MALE NICKEL****Product number****2139-0832-0004-2114**

Height: 32mm  
 Länge: 32mm  
 Screw-on: Yes  
 Thread type: AG  
 Outer diameter: 8,0mm  
 Surface and color:nickel plated  
 Material: Iron  
 Thread size: M4

Weight: 10,65g

**BRASS ADJUSTING RING 14X8,5 THROUGH 10,5 WITH RIVET PROJECTION LATERALLY M3 RAW****Product number 2145-1485-0105-3101**

Height 8,5mm  
 Outer diameter: 14,0mm  
 Diameter inside: 10,5mm  
 Material: Brass  
 Weight: 3,63g  
 Thread type: IG  
 Thread size: M3  
 Surface and color:raw

**BRASS ADJUSTING RING 14X8,5 THROUGH 10,5 WITH RIVET PROJECTION LATERALLY M3 CHROME****Product number 2145-1485-0105-3102**

Height 8,5mm  
 Outer diameter: 14,0mm  
 Weight: 3,61g  
 Diameter inside: 10,5mm  
 Material: Brass  
 Surface and color:chrome plated  
 Thread type: IG  
 Thread size: M3

**BRASS ADJUSTING RING 17X9,0 THROUGH 13,5 WITH RIVET PROJECTION LATERALLY M3 RAW****Product number 2145-1790-0135-3101**

Height 9mm  
 Material: Brass  
 Outer diameter: 17,0mm  
 Diameter inside: 13,5mm  
 Weight: 5,19g  
 Thread type: IG  
 Thread size: M3  
 Surface and color:raw

**BRASS ADJUSTING RING 17X9,0 THROUGH 13,5 WITH RIVET PROJECTION LATERALLY M3 NICKEL****Product number 2145-1790-0135-3114**

Height 9mm  
 Material: Brass  
 Surface and color:nickel plated  
 Outer diameter: 17,0mm  
 Diameter inside: 13,5mm  
 Thread type: IG  
 Thread size: M3  
 Weight: 4,83g

**BRASS ADJUSTING RING 20X8,5 THROUGH 16,5 WITH RIVET PROJECTION LATERALLY M3 RAW****Product number 2145-2085-0165-3101**

Height 8,5mm  
 Material: Brass  
 Diameter inside: 16,5mm  
 Thread type: IG  
 Weight: 5,48g  
 Thread size: M3  
 Outer diameter: 20,0mm  
 Surface and color:raw

**BRASS ADJUSTING RING 14X6 THROUGH 10,5 WITHOUT RIVET PROJECTION LATERALLY M3 RAW****Product number 2150-1406-0105-3101**

Height 6mm  
 Outer diameter: 14,0mm  
 Diameter inside: 10,5mm  
 Material: Brass  
 Weight: 3,25g  
 Thread type: IG  
 Thread size: M3  
 Surface and color:raw

**BRASS ADJUSTING RING 14X6 THROUGH 10,5 WITHOUT RIVET PROJECTION LATERALLY M3 CHROME****Product number 2150-1406-0105-3102**

Height 6mm  
 Outer diameter: 14,0mm  
 Weight: 3,61g  
 Diameter inside: 10,5mm  
 Material: Brass  
 Surface and color:chrome plated  
 Thread size: M3

**BRASS ADJUSTING RING 14X6 THROUGH 10,5 WITHOUT RIVET PROJECTION LATERALLY M3 ANTIQUE****Product number 2150-1406-0105-3107**

Height 6mm  
 Outer diameter: 14,0mm  
 Surface and color:fumé  
 Diameter inside: 10,5mm  
 Material: Brass  
 Thread type: IG  
 Thread size: M3  
 Weight: 3,23g

**BRASS ADJUSTING RING 17X6 THROUGH 13,5 WITHOUT RIVET PROJECTION LATERALLY M3 RAW****Product number 2150-1706-0135-3101**

Height 6mm  
 Material: Brass  
 Outer diameter: 17,0mm  
 Weight: 4,07g  
 Diameter inside: 13,5mm  
 Thread type: IG  
 Thread size: M3  
 Surface and color:raw

**BRASS ADJUSTING RING 17X6 THROUGH 13,5 WITHOUT RIVET PROJECTION LATERALLY M3 NICKEL****Product number 2150-1706-0135-3114**

Height 6mm  
 Material: Brass  
 Surface and color:nickel plated  
 Outer diameter: 17,0mm  
 Diameter inside: 13,5mm  
 Weight: 3,89g  
 Thread type: IG  
 Thread size: M3

**BRASS ADJUSTING RING 20X6 THROUGH 16,5 WITHOUT RIVET PROJECTION LATERALLY M3 RAW****Product number 2150-2006-0165-3101**

Height 6mm  
 Material: Brass  
 Diameter inside: 16,5mm  
 Thread type: IG  
 Thread size: M3  
 Outer diameter: 20,0mm  
 Weight: 5,1g  
 Surface and color:raw

**BRASS RIVET CONTACT SLEEVE 6X7 WITHOUT SCREW RAW PROJECTION 3,4X2****Product number 2155-0607-0000-3101**

Height 6mm  
 Länge: 7mm  
 Screw contact: Yes  
 Material: Brass  
 Diameter inside: 2,6mm  
 Thread type: IG  
 Thread size: M3  
 Surface and color:raw

**BRASS RIVET CONTACT SLEEVE 6X7 WITH SCREW M3X5 RAW****Product number****2155-0607-0305-3101**

Height: 6mm  
 Länge: 7mm  
 Screw contact: Yes  
 Material: Brass  
 Diameter inside: 2,6mm  
 Weight: 1,5g  
 Thread type: IG  
 Thread size: M3

Surface and color:raw

**ALU RIVET SLEEVE 10X7,5 (SPECIAL) RAW****Product number****2160-0010-0075-3301**

Height: 7.5mm  
 Outer diameter: 10,0mm  
 Diameter inside: 5,0mm  
 Surface and color:raw  
 Material: Aluminium  
 Weight: 0,82g

**BRASS RIVET SLEEVE 10X11,5 (SPECIAL) RAW****Product number****2160-0010-0115-3101**

Height: 11.5mm  
 Outer diameter: 10,0mm  
 Diameter inside: 5,0mm  
 Material: Brass  
 Weight: 4,39g  
 Surface and color:raw

**BRASS RIVET SLEEVE 6X3,5X8,6 M3 RAW****Product number****2160-0686-0003-3101**

Height: 8.6mm  
 Width: 3.5mm  
 Länge: 8,6mm  
 Material: Brass  
 Weight: 1,18g  
 Surface and color:raw

**BRASS RIVET SLEEVE 7X5,5 M3 RAW****Product number 2160-0755-0003-3101**

Height 5,5mm  
Outer diameter: 7,0mm  
Material: Brass  
Thread type: IG  
Thread size: M3  
Weight: 0,67g  
Surface and color:raw

**BRASS RIVET SLEEVE 7X5,5 M4 RAW****Product number 2160-0755-0004-3101**

Height 5,5mm  
Outer diameter: 7,0mm  
Material: Brass  
Thread type: IG  
Thread size: M4  
Weight: 0,77g  
Surface and color:raw

**BLIND RIVET ALUMINIUM/STEEL 3X4 RAW****Product number 2165-0304-0000-8201**

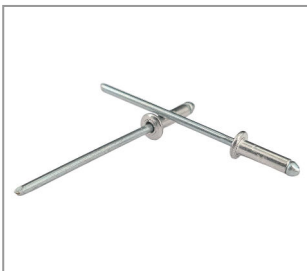
Height 4mm  
Outer diameter: 3,0mm  
Weight: 0,89g  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 3X5 RAW****Product number 2165-0305-0000-8201**

Height 5mm  
Outer diameter: 3,0mm  
Weight: 0,96g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET PREMIUM STEEL 3X6 V2A****Product number 2165-0306-0000-3400**

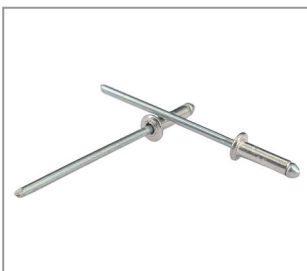
Height 6mm  
Outer diameter: 3,0mm  
Weight: 0,83g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 3X6 RAW****Product number 2165-0306-0000-8201**

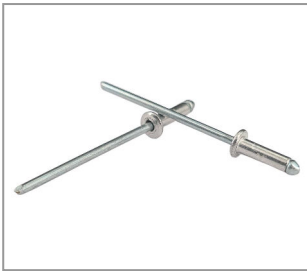
Height 6mm  
Outer diameter: 3,0mm  
Surface and color:raw  
Material: Aluminium  
Weight: 1g

**BLIND RIVET ALUMINIUM/STEEL 3X8 RAW****Product number 2165-0308-0000-8201**

Height 8mm  
Outer diameter: 3,0mm  
Surface and color:raw  
Material: Aluminium  
Weight: 1g

**BLIND RIVET ALUMINIUM/STEEL 3X10 RAW****Product number 2165-0310-0000-8201**

Height 10mm  
Outer diameter: 3,0mm  
Weight: 1,08g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 3X12 RAW****Product number** 2165-0312-0000-8201

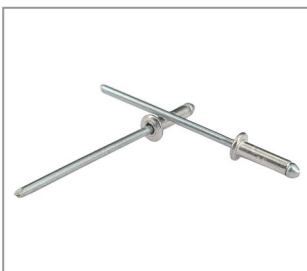
Height 12mm  
Outer diameter: 3,0mm  
Surface and color:raw  
Material: Aluminium  
Weight: 1,11g

**BLIND RIVET ALUMINIUM/STEEL 3X16 RAW****Product number** 2165-0316-0000-8201

Height 16mm  
Outer diameter: 3,0mm  
Weight: 1,26g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 4X5 RAW****Product number** 2165-0405-0000-8201

Height 5mm  
Outer diameter: 4,0mm  
Weight: 1,42g  
Surface and color:raw  
Material: Aluminium

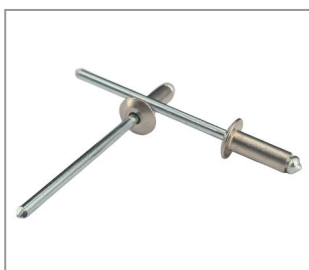
**BLIND RIVET ALUMINIUM/STEEL 4X6 RAW****Product number** 2165-0406-0000-8201

Height 6mm  
Outer diameter: 4,0mm  
Weight: 1,38g  
Surface and color:raw  
Material: Aluminium

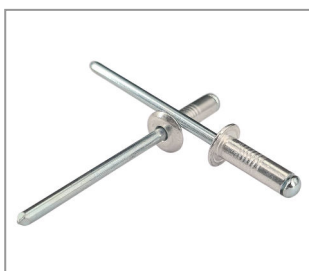


**BLIND RIVET ALUMINIUM/STEEL 4X8 RAW**

**Product number** 2165-0408-0000-8201  
Height 8mm  
Outer diameter: 4,0mm  
Surface and color:raw  
Material: Aluminium  
Weight: 1,6g

**BLIND RIVET ALUMINIUM/STEEL 4X10 RAW**

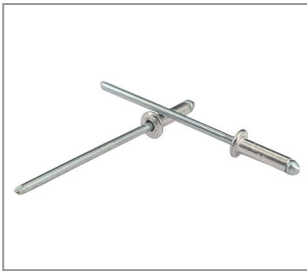
**Product number** 2165-0410-0000-8201  
Height 10mm  
Outer diameter: 4,0mm  
Weight: 1,7g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 4X12 RAW**

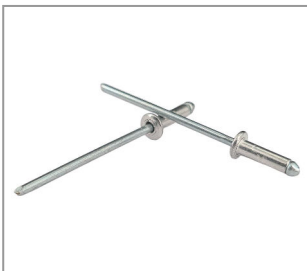
**Product number** 2165-0412-0000-8201  
Height 12mm  
Outer diameter: 4,0mm  
Weight: 1,78g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 4X16 RAW**

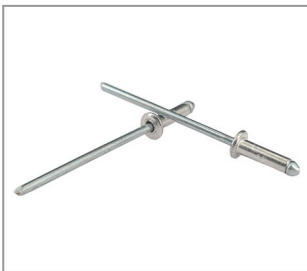
**Product number** 2165-0416-0000-8201  
Height 16mm  
Outer diameter: 4,0mm  
Weight: 2g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 4X18 RAW****Product number** 2165-0418-0000-8201

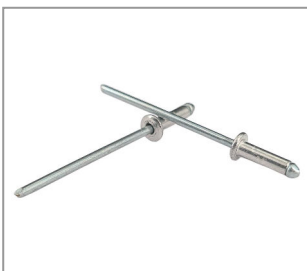
Height 18mm  
Outer diameter: 4,0mm  
Weight: 1,88g  
Surface and color:raw  
Material: Aluminium

**BLINDNIETE ALU/STAHL 5X18 ROH****Product number** 2165-0518-0000-8201

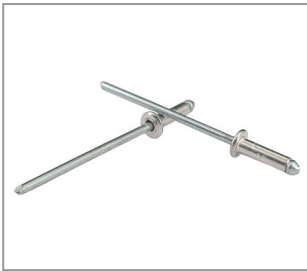
Height 18mm  
Outer diameter: 5,0mm  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 2,4X4 RAW****Product number** 2165-2404-0000-8201

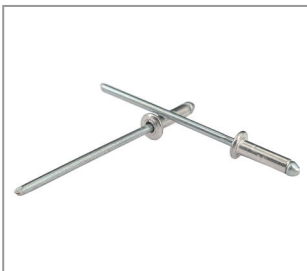
Height 4mm  
Outer diameter: 2,4mm  
Weight: 0,5g  
Surface and color:raw  
Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 2,4X6 RAW****Product number** 2165-2406-0000-8201

Height 6mm  
Outer diameter: 2,4mm  
Surface and color:raw  
Material: Aluminium  
Weight: 0,54g

**BLIND RIVET ALUMINIUM/STEEL 3,2X18 RAW****Product number** 2165-3218-0000-8201

Height 18mm  
 Weight: 1,24g  
 Outer diameter: 3,2mm  
 Surface and color:raw  
 Material: Aluminium

**BLIND RIVET ALUMINIUM/STEEL 3,2X20 RAW****Product number** 2165-3220-0000-8201

Height 20mm  
 Weight: 1,29g  
 Outer diameter: 3,2mm  
 Surface and color:raw  
 Material: Aluminium

**BRASS HOLLOW RIVET B4X14 DIN 7340 FORM B RAW****Product number** 2170-0414-0004-3101

Height 14mm  
 Outer diameter: 4,0mm  
 Weight: 1,05g  
 Material: Brass  
 DIN Norm: 7340  
 Surface and color:raw

**BRASS HOLLOW RIVET B4X18 DIN 7340 FORM B RAW****Product number** 2170-0418-0004-3101

Height 18mm  
 Outer diameter: 4,0mm  
 Material: Brass  
 DIN Norm: 7340  
 Surface and color:raw  
 Weight: 1,1g

**BRASS HOLLOW RIVET B6X10 DIN 7340 FORM B RAW**

**Product number** 2170-0610-0004-3101  
Height 10mm  
Material: Brass  
Outer diameter: 6,0mm  
DIN Norm: 7340  
Surface and color:raw  
Weight: 1,2g

**BRASS HOLLOW RIVET B8X9 DIN 7340 FORM B NICKEL**

**Product number** 2170-080--0004-3114  
Height 9mm  
Outer diameter: 8,0mm  
Material: Brass  
DIN Norm: 7340  
Weight: 1,5g  
Surface and color:raw

**BRASS HOLLOW RIVET B8X6 DIN 7340 FORM B RAW**

**Product number** 2170-0806-0004-3101  
Height 6mm  
Outer diameter: 8,0mm  
Weight: 1,05g  
Material: Brass  
DIN Norm: 7340  
Surface and color:raw

**BRASS HOLLOW RIVET B8X8 DIN 7340 FORM B RAW**

**Product number** 2170-0808-0004-3101  
Height 8mm  
Outer diameter: 8,0mm  
Material: Brass  
DIN Norm: 7340  
Surface and color:raw  
Weight: 1,6g

**BRASS HOLLOW RIVET B8X10 DIN 7340 FORM B RAW**

**Product number** 2170-0810-0004-3101  
Height 10mm  
Outer diameter: 8,0mm  
Material: Brass  
DIN Norm: 7340  
Weight: 1,7g  
Surface and color:raw

**BRASS HOLLOW RIVET B8X10 DIN 7340 FORM B NICKEL**

**Product number** 2170-0810-0004-3114  
Height 10mm  
Outer diameter: 8,0mm  
Material: Brass  
Surface and color:nickel plated  
DIN Norm: 7340  
Weight: 1,6g

**BRASS HOLLOW RIVET B8X11 DIN 7340 FORM B RAW**

**Product number** 2170-0811-0004-3101  
Height 11mm  
Outer diameter: 8,0mm  
Material: Brass  
DIN Norm: 7340  
Surface and color:raw  
Weight: 1,6g

**BRASS HOLLOW RIVET B8X12 DIN 7340 FORM B RAW**

**Product number** 2170-0812-0004-3101  
Height 12mm  
Outer diameter: 8,0mm  
Material: Brass  
DIN Norm: 7340  
Weight: 1,7g  
Surface and color:raw

**BRASS HOLLOW RIVET B8X12 DIN 7340 FORM B NICKEL****Product number 2170-0812-0004-3114**

Height 12mm  
Outer diameter: 8,0mm  
Material: Brass  
Surface and color:nickel plated  
DIN Norm: 7340  
Weight: 1,6g

**BRASS HOLLOW RIVET B8X13 DIN 7340 FORM B RAW****Product number 2170-0813-0004-3101**

Height 13mm  
Outer diameter: 8,0mm  
Material: Brass  
DIN Norm: 7340  
Weight: 1,7g  
Surface and color:raw

**BRASS HOLLOW RIVET B8X16 DIN 7340 FORM B RAW****Product number 2170-0816-0004-3101**

Height 16mm  
Diameter inside: 7,0mm  
Outer diameter: 8,0mm  
Material: Brass  
Surface and color:raw

**BRASS HOLLOW RIVET B8X17 DIN 7340 FORM B NICKEL****Product number 2170-0817-0004-3114**

Height 17mm  
Outer diameter: 8,0mm  
Material: Brass  
Surface and color:nickel plated  
DIN Norm: 7340  
Weight: 2,15g

**BRASS HOLLOW RIVET B8X18 DIN 7340 FORM B RAW****Product number** 2170-0818-0004-3101

Height 18mm  
 Diameter inside: 7,0mm  
 Outer diameter: 8,0mm  
 Material: Brass  
 Surface and color:raw

**BRASS HOLLOW RIVET B8X20 DIN 7340 FORM B RAW****Product number** 2170-0820-0004-3101

Height 20mm  
 Outer diameter: 8,0mm  
 Weight: 2,3g  
 Material: Brass  
 DIN Norm: 7340  
 Surface and color:raw

**BRASS HOLLOW RIVET B8X6,5 DIN 7340 FORM B RAW****Product number** 2170-0865-0004-3101

Height 6.5mm  
 Outer diameter: 8,0mm  
 Weight: 1,3g  
 Material: Brass  
 DIN Norm: 7340  
 Surface and color:raw

**BRASS HOLLOW RIVET B8X6,5 DIN 7340 FORM B NICKEL****Product number** 2170-0865-0004-3114

Height 6.5mm  
 Outer diameter: 8,0mm  
 Material: Brass  
 Surface and color:nickel plated  
 DIN Norm: 7340  
 Weight: 1,5g

**BRASS HOLLOW RIVET B8X7,5 DIN 7340 FORM B RAW****Product number 2170-0875-0004-3101**

Height 7.5mm  
Outer diameter: 8,0mm  
Material: Brass  
DIN Norm: 7340  
Weight: 1,4g  
Surface and color:raw

**BRASS HOLLOW RIVET B8X7,5 DIN 7340 FORM B NICKEL****Product number 2170-0875-0004-3114**

Height 7.5mm  
Outer diameter: 8,0mm  
Material: Brass  
Surface and color:nickel plated  
DIN Norm: 7340  
Weight: 1,4g

**SILVER SOLDER 40 % Ø 1,5 MM RINGS PER 1 KG****Product number 2182-0040-0015-0000**

Outer diameter: 1,5mm  
Material: silver solder  
Weight: 1000g  
Surface and color:raw

**SOLDER ROD 40 %****Product number 2183-0040-0000-0000**

Surface and color:raw  
Material: tin-solder



SOLDER WIRE 30 % Ø 1,0



**Product number** 2185-0030-0010-0000

Outer diameter: 1,0mm  
Surface and color:raw  
Material: tin-solder

SOLDER WIRE 60 % Ø 1,0



**Product number** 2185-0060-0010-0000

Outer diameter: 1,0mm  
Surface and color:raw  
Material: tin-solder

SOLDER WIRE 60 % Ø 1,5



**Product number** 2185-0060-0015-0000

Height 0mm  
Outer diameter: 1,5mm  
Surface and color:raw  
Material: tin-solder

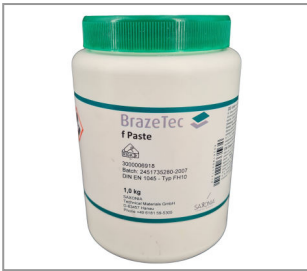
SOLDER WIRE 60 % Ø 2,0



**Product number** 2185-0060-0020-0000

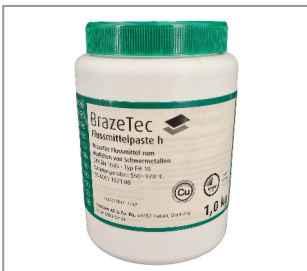
Outer diameter: 2,0mm  
Surface and color:raw  
Material: tin-solder

"FLUX FOR HARD-SOLDER ""F"""



**Product number**            **2189-0000-0000-0000**

FLUX FOR HARD-SOLDER "H"



**Product number**            **2190-0000-0000-0000**

SOLDER WATER 1,000 ML BOTTLE



**Product number**            **2191-0000-1000-0000**  
Weight:                        1kg

SOLDER LIPID 250 GR. CAN



**Product number**            **2192-0000-0250-0000**

**BRASS LOCKING PIN WITH SPRING 7X17 MM RAW**

**Product number**            **2195-0717-0005-3101**  
 Height                        17mm  
 Outer diameter:        7,0mm  
 Material:                    Brass  
 Weight:                     2,77g  
 Surface and color: raw

**BRASS LOCKING PIN WITH SPRING 7X17 MM NICKEL**

**Product number**            **2195-0717-0005-3114**  
 Height                        17mm  
 Outer diameter:        7,0mm  
 Weight:                     2,6g  
 Material:                    Brass  
 Surface and color: nickel plated

**BRASS LOCKING PIN WITH SPRING 7X17 MM UP TO 2 KG TRACTION RAW**

**Product number**            **2196-0717-0005-3101**  
 Height                        17mm  
 Outer diameter:        7,0mm  
 Material:                    Brass  
 Surface and color: raw

**MS DISTANZROHR 12,8X402 MIT MS LÖTNIPPEL 13X14 M10X1 VERCHROMT**

**Product number**            **3502-0128-0402-3102**  
 Height                        12.8mm  
 Länge:                      402mm  
 Diameter inside:        10,4mm  
 Material:                    Brass  
 Surface and color: chrome plated  
 Thread size:              M10x1  
 Weight:                     139,32g

**BRASS SOLDER SLEEVE 22X11 M10X1 GROOVE 10,1 MM RAW****Product number 3502-2211-0101-3101**

Height 11mm  
 Material: Brass  
 Outer diameter: 22,0mm  
 Thread type: IG  
 Thread size: M10x1  
 Surface and color:raw  
 Weight: 15,68g

**SPACER 10X4,3X5 MM PA66-RV WHITE****Product number 38005015/4/5//118**

Height 5mm  
 Outer diameter: 10,0mm  
 Diameter inside: 4,3mm  
 Weight: 0,54g  
 Surface and color:white  
 Material: Plastic

**SPACER SLEEVE 15X10X15 MATERIAL ABS BLACK****Product number 38005146/15///26**

Height 15mm  
 Diameter inside: 10,0mm  
 Outer diameter: 15,0mm  
 Weight: 1,71g  
 Surface and color:black  
 Material: Plastic

**DISTANCE BOLT 7,0X10 M4X0,7 NYLON 66 RV TRANSPARENT****Product number 38005414/10///06**

Länge: 10mm  
 Thread type: AG  
 Surface and color:transparent  
 Outer diameter: 7,0mm  
 Weight: 0,43g  
 Thread size: M4  
 Material: Plastic

**DISTANCE BOLT 7,0X20 M4X0,7 NYLON 66 RV TRANSPARENT****Product number 38005414/20///06**

Height 20mm  
Länge: 20mm  
Surface and color: transparent  
Wrench opening: 7  
Weight: 0,58g  
Thread size: M4  
Material: Plastic

**DISTANCE BOLT 7,0X25 M4X0,7 NYLON 66 RV TRANSPARENT****Product number 38005414/25///06**

Height 25mm  
Länge: 25mm  
Surface and color: transparent  
Wrench opening: 7  
Thread size: M4  
Weight: 0,68g  
Material: Plastic

**DISTANCE BOLT 5,5X15 M3X5 NYLON 66 RV TRANSPARENT****Product number 38005414/3/15///06**

Height 15mm  
Länge: 15mm  
Surface and color: transparent  
Weight: 3g  
Thread size: M3  
Material: Plastic

**DISTANCE BOLT 5,5X20 M3X5 NYLON 66 RV TRANSPARENT****Product number 38005414/3/20///06**

Height 20mm  
Länge: 20mm  
Surface and color: transparent  
Weight: 0,33g  
Thread size: M3  
Material: Plastic

**DISTANCE BOLT 5,5X25 M3X5 NYLON 66 RV TRANSPARENT****Product number 38005414/3/25///06**

Height: 25mm  
Länge: 25mm  
Surface and color: transparent  
Thread size: M3  
Weight: 0,4g  
Material: Plastic

**DISTANCE BOLT 5,5X30 M3X5 NYLON 66 RV TRANSPARENT****Product number 38005414/3/30///06**

Länge: 30mm  
Outer diameter: 5,5mm  
Surface and color: transparent  
Wrench opening: 5,5  
Weight: 0,43g  
Thread size: M3  
Material: Plastic

**DISTANCE BOLT 7,0X30 M4X0,7 NYLON 66 RV TRANSPARENT****Product number 38005414/30///06**

Länge: 30mm  
Diameter inside: 4,0mm  
Thread type: AG  
Surface and color: transparent  
Outer diameter: 7,0mm  
Weight: 0,75g  
Wrench opening: 7  
Thread size: M4  
Material: Plastic