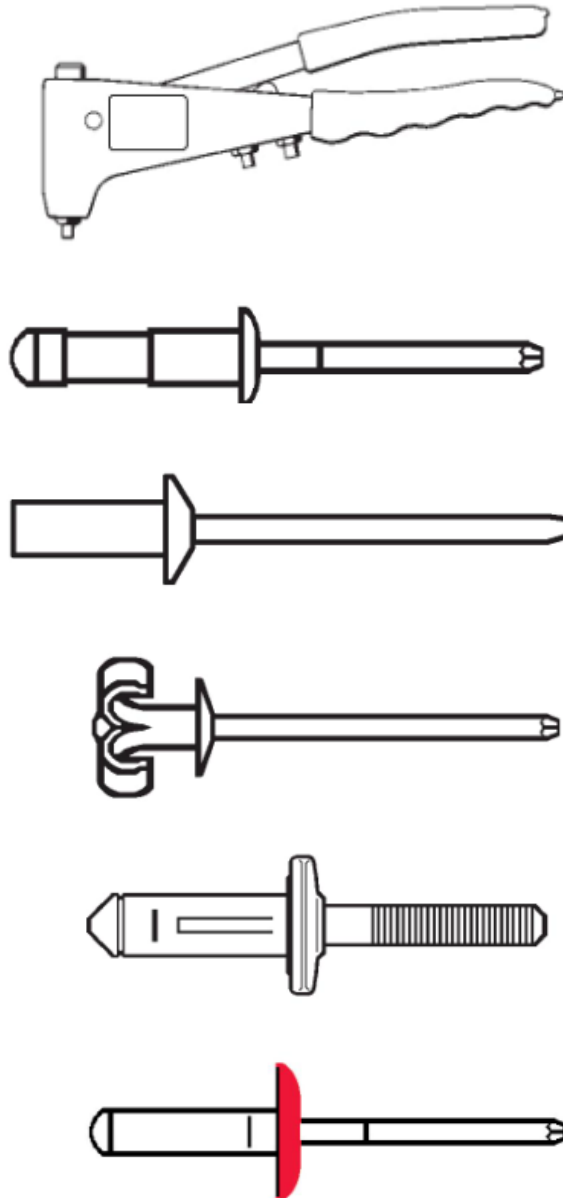


Nieten

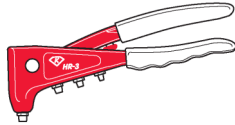
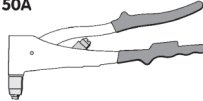


Nieten

Handnietzangen / Hebelschere



Handnietzangen

| Typ | für Niet - Ø | Preis per Stück |
|--|-----------------------|-----------------|
| HR - 3 HR-3  | 3.2 - 4.8 (max. -4.0) | Fr. 58.30 |
| MF - 150 A MF-150A  | 3.2 - 5.0 | Fr. 70.10 |


MF - 150 - SET (AS)

Im Koffer mit Nietzange
MF-150A und Sortiment
Nieten Alu / Stahl,
Klemmbereich 0.5 - 10.mm.

Preis: Fr. 174.00



Niet - Hebelschere

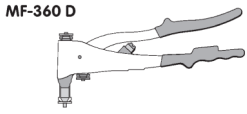
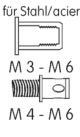
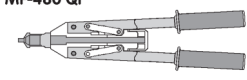
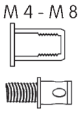
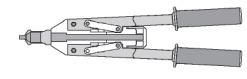
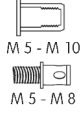
| | | |
|---|-----------|------------|
| MF-260  | 3.2 - 6.0 | Fr. 217.80 |
|---|-----------|------------|

Nieten

Nietmutterzangen / Nietmuttern



Nietmutterzangen

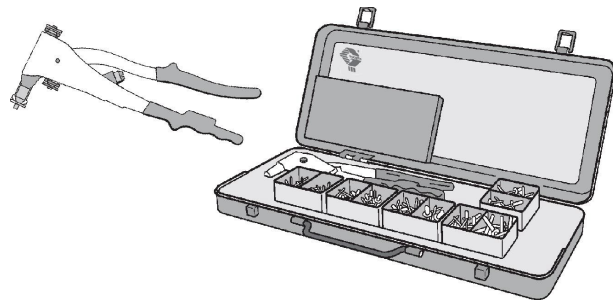
| Typ | für Niet - Ø | Preis per Stück |
|---|--|-----------------|
| MF - 360 D  | für Stahl/acier  | Fr. 265.10 |
| MF - 480 QI  |  | Fr. 395.00 |
| MF - 510 QI  |  | Fr. 423.50 |

Nietmuttern - Sortiment mit Nietmutterzange

MF - 360 - SET

Koffer mit Nietmuttern und Nietschraubensortiment M 4 - M 6, sowie Nietmutterzange MF 360.

Preis: Fr. 331.00

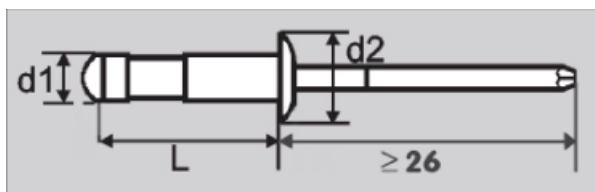





Nieten Maxigrips



Maxigrip MFX

Niete: Aluminium (Almg 2.5)
Dorn: Stahl verzinkt

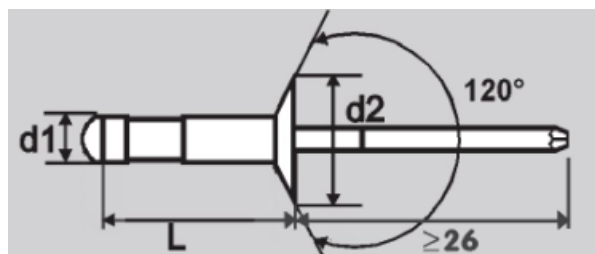


| Typ | d1 Ø +0.08 / -0.15 |  | d2 ±0.2 | K ±0.1 | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|----------------------------------|--------------------------|---|------------|-------------|------------------------|--|---|------------------------------------|
| MFX 386 MFX 3110 | 3.2 | 3.3 | 6.3 | 0.95 1.1 | 0.8 - 5.0 4.0 - 8.0 | 0.8 - 5.0 4.0 - 8.0 | 500 500 | Fr. 5.80 Fr. 6.20 |
| MFX 4100 MFX 4127 | 4.0 | 4.1 | 7.9 | 1.2 | 9.5 12.7 | 1.2 - 6.5 4.0 - 9.5 | 500 500 | Fr. 7.20 Fr. 8.00 |
| MFX 5105 MFX 5150 MFX 5240 | 4.8 | 4.9 | 9.8 | 1.45 | 10.3 15.0 24.8 | 1.6 - 6.4 4.8 - 11.0 11.0 - 19.8 | 500 500 250 | Fr. 9.70 Fr. 11.30 Fr. 13.80 |

| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 735 N | 1030 N |
| Ø 4.0 | 1060 N | 1600 N |
| Ø 4.8 | 1500 N | 2350 N |

Maxigrip MFX - S

Niete: Aluminium
Dorn: Stahl verzinkt



| | | | | | | | |
|------------|-----|-----|------|------|-----------|-----|-----------|
| MFX-S 390 | 3.2 | 3.3 | 5.3 | 9.7 | 2.4 - 6.4 | 500 | Fr. 5.90 |
| MFX-S 4113 | 4.0 | 4.1 | 6.3 | 11.3 | 2.8 - 7.9 | 500 | Fr. 7.60 |
| MFX-S 5120 | 4.8 | 4.8 | 8.75 | 12.1 | 3.2 - 7.9 | 500 | Fr. 11.30 |
| MFX-S 5160 | | | | 16.9 | | 500 | |

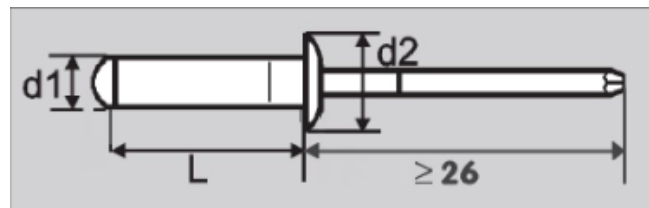
| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 680 N | 910 N |
| Ø 4.0 | 1000 N | 1600 N |
| Ø 4.8 | 1500 N | 2350 N |




Nieten Supertacs



Supertac® DA

Niete: Aluminium (Almg 3.5)
Dorn: Stahl verzinkt



| Typ | d1 Ø Niet |  | d2 | K | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|--------|-----------|---|---------|------|---------------------|--|---|-----------------------|
| DA 423 | 3.2 | 3.3 | 6.5 | 0.8 | 6.0 | 1.5 - 3.5 | 500 | Fr. 4.30 |
| DA 429 | +0.08/ | | +0 / | ±0.2 | 8.8 | 3.0 - 5.0 | 500 | Fr. 4.40 |
| DA 435 | -0.10 | | -0.7 | | 10.0 | 5.0 - 7.0 | 500 | Fr. 4.90 |
| DA 445 | | | | | 12.0 | 7.0 - 8.5 | 500 | Fr. 5.30 |
| DA 450 | | | | | 14.0 | 8.5 - 10.5 | 500 | Fr. 5.30 |
| DA 460 | | | | | 16.0 | 10.5 - 13.0 | 500 | Fr. 6.10 |
| DA 480 | | | | | 20.0 | 13.0 - 17.0 | 500 | Fr. 15.10 |
| DA 490 | | | | | 25.0 | 17.0 - 22.0 | 500 | Fr. 18.70 |
| DA 529 | 4.0 | 4.1 | 8.3 | 1.0 | 8.0 | 3.5 - 6.0 | 500 | Fr. 4.70 |
| DA 537 | +0.08 / | | +0 / -1 | ±0.3 | 10.0 | 5.0 - 7.5 | 500 | Fr. 5.10 |
| DA 545 | -0.15 | | | | 12.0 | 6.5 - 9.0 | 500 | Fr. 6.00 |
| DA 550 | | | | | 14.0 | 8.5 - 11.0 | 500 | Fr. 6.30 |
| DA 560 | | | | | 16.0 | 10.5 - 12.5 | 500 | Fr. 6.90 |
| DA 570 | | | | | 18.0 | 11.0 - 15.0 | 500 | Fr. 7.20 |
| DA 580 | | | | | 20.0 | 15.0 - 17.0 | 500 | Fr. 7.40 |

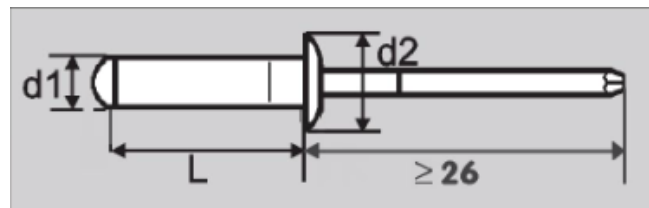
| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 760 N | 985 N |
| Ø 4.0 | 1200 N | 1600 N |
| Ø 4.8 | 1690 N | 2230 N |




Nieten Supertacs



Supertac® DAA

Niete: Aluminium (Almg 2.5)
Dorn: Aluminium



| Typ | d1 Ø Niet |  | d2 | K | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|---------|--------------|---|----------|-----|---------------------|--|---|-----------------------|
| DAA 423 | 3.2 | 3.3 | 6.7 | 1.1 | 6.0 | 1.5 - 3.5 | 500 | Fr. 6.40 |
| DAA 429 | +0.08 / | | + 0 / | | 8.0 | 3.5 - 5.0 | 500 | Fr. 6.80 |
| DAA 435 | -0.10 | | -0.7 | | 10.0 | 5.0 - 7.0 | 500 | Fr. 7.00 |
| DAA 445 | | | | | 12.0 | 7.0 - 8.5 | 500 | Fr. 7.20 |
| DAA 455 | | | | | 14.0 | 8.5 - 10.5 | 500 | Fr. 7.50 |
| DAA 460 | | | | | 16.0 | 10.0 - 13.0 | 500 | Fr. 7.70 |
| DAA 529 | 4.0 | 4.1 | 8.5 | 1.4 | 8.0 | 3.5 - 5.0 | 500 | Fr. 7.50 |
| DAA 537 | +0.08 / | | + 0 / -1 | | 10.0 | 5.0 - 6.5 | 500 | Fr. 7.60 |
| DAA 550 | -0.15 | | | | 14.0 | 6.5 - 10.5 | 500 | Fr. 8.70 |
| DAA 560 | | | | | 16.0 | 10.5 - 12.5 | 500 | Fr. 12.00 |

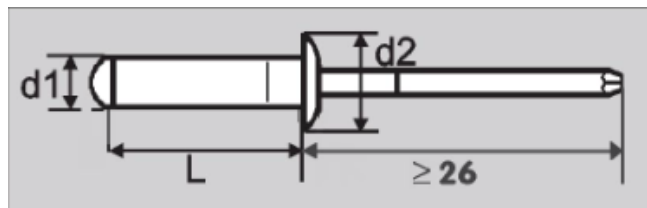
| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 534 N | 667 N |
| Ø 4.0 | 845 N | 1022 N |
| Ø 4.8 | 1155 N | 1422 N |

Nieten Supertacs



Supertac® AOZ

Niete: Stahl verzinkt
Dorn: Stahl verzinkt

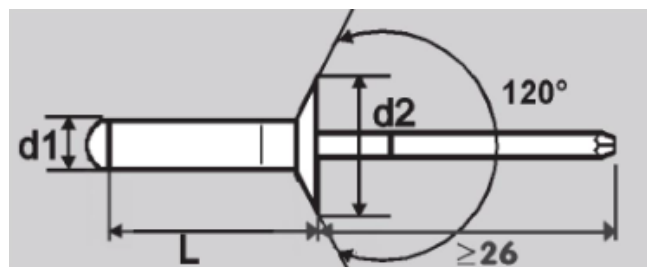


| Typ | d1 Ø Niet | | d2 | K | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage | | Preis per 100 Stk. |
|---------|-----------|-----|---------|------|---------------------|--|-----|-----------------------|
| AOZ 406 | 3.2 | 3.3 | 6.5 | 0.8 | 6.0 | 1.5 - 3.5 | 500 | Fr. 5.10 |
| AOZ 408 | +0.08 / | | +0 / | ±0.2 | 8.0 | 3.0 - 5.0 | 500 | Fr. 5.40 |
| AOZ 411 | -0.10 | | -0.7 | | 10.0 | 5.0 - 7.0 | 500 | Fr. 5.90 |
| AOZ 412 | | | | | 12.0 | 7.0 - 9.0 | 500 | Fr. 6.20 |
| AOZ 414 | | | | | 14.0 | 9.0 - 11.0 | 500 | Fr. 6.90 |
| AOZ 508 | 4.0 | 4.1 | 8.5 | 1.0 | 8.0 | 3.0 - 5.0 | 500 | Fr. 6.30 |
| AOZ 514 | +0.08 / | | +0 / -1 | ±0.3 | 10.0 | 4.0 - 7.0 | 500 | Fr. 6.60 |
| AOZ 518 | -0.15 | | | | 12.0 | 6.0 - 9.0 | 500 | Fr. 7.40 |
| AOZ 520 | | | | | 16.0 | 9.0 - 13.0 | 500 | Fr. 8.80 |

| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 1060 N | 1285 N |
| Ø 4.0 | 1550 N | 1990 N |
| Ø 4.8 | 2305 N | 2920 N |

Supertac® AOZ - S

Niete: Stahl verzinkt
Dorn: Stahl verzinkt



| | | | | | | | | |
|-----------|------------------|-----|--------------|--|------|-----------|-----|-----------|
| AOZ-S 406 | 3.2 | 3.3 | 6.0 | | 8.0 | 3.0 - 5.0 | 500 | Fr. 10.00 |
| AOZ-S 408 | +0.08 / -0.15 | | +0 / -0.7 | | 10.0 | 5.0 - 7.0 | 500 | Fr. 10.50 |

| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 1060 N | 1285 N |

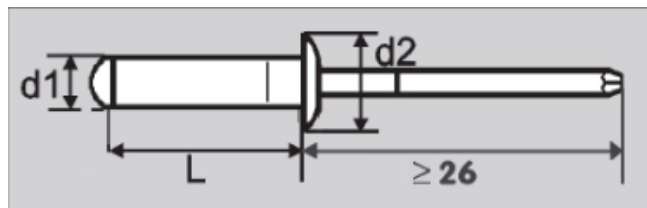
Nieten



Kupfernieten / Spreizniete



Kupferniete CU

Niete: Kupfer
Dorn: Messing

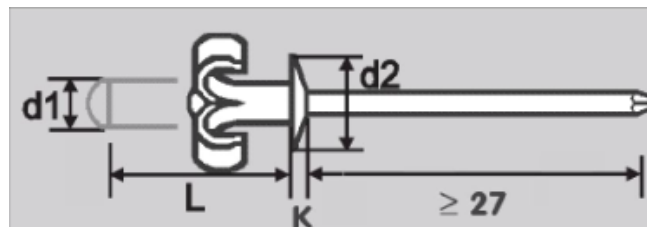




| Typ | d1 Ø +0.08 / -0.15 |  | D2 ±0.2 | K ±0.1 | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage |  | Preis per 100 Stk. |
|-------|--------------------------|---|------------|-----------|---------------------|--|---|-----------------------|
| CU1 | 3.2 | 3.3 | 6 | 0.8 | 5 | 0.5 - 2.0 | 500 | Fr. 9.20 |
| CU2 | | | | | 6 | 1.5 - 2.5 | 500 | Fr. 9.50 |
| CU3 | | | | | 7 | 2.5 - 3.5 | 500 | Fr. 9.80 |
| CU3.5 | | | | | 8 | 3.5 - 5.0 | 500 | Fr. 10.80 |
| CU4 | | | | | 9 | 4.5 - 5.5 | 500 | Fr. 11.70 |
| CU4.5 | | | | | 11 | 5.5 - 7.5 | 500 | Fr. 14.10 |
| CU5 | | | | | 12 | 7.5 - 9.0 | 500 | Fr. 15.90 |
| CU6 | | | | | 15 | 9.0 - 12.0 | 500 | Fr. 17.40 |

| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 980 N | 1300 N |

Spreizniete ALS

Niete: Aluminium
Dorn: Stahl verzinkt



| Typ | d1 Ø +0.08 / -0.15 |  | d2 ±0.3 | K ±0.2 | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage |  | Preis per 100Stk. |
|---------|--------------------------|---|------------|-----------|---------------------|--|---|----------------------|
| ALS 610 | 4.8 | 4.9 | 9.5 | 1.3 | 10.0 | 0.5 - 4.0 | 500 | Fr. 11.80 |
| ALS 612 | | (max. | | | 12.0 | 2.0 - 6.0 | 500 | Fr. 12.40 |
| ALS 614 | | Ø 5.2) | | | 14.0 | 4.0 - 8.0 | 500 | Fr. 13.60 |
| ALS 616 | | | | | 16.0 | 6.0 - 10.0 | 500 | Fr. 14.90 |
| ALS 618 | | | | | 18.0 | 8.0 - 12.0 | 500 | Fr. 16.30 |
| ALS 620 | | | | | 20.0 | 10.0 - 14.0 | 500 | Fr. 17.90 |
| ALS 625 | | | | | 25.0 | 16.0 - 20.0 | 250 | Fr. 24.20 |
| ALS 630 | | | | | 30.0 | 19.0 - 24.0 | 250 | Fr. 28.00 |

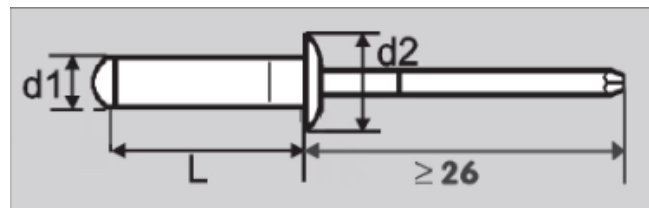
| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 4.8 | 2200 N | 2400 N |




Nieten Supertacs



Supertac® SSX

Niete: rostfrei A2
Dorn: rostfrei A2



| Typ | d1 Ø Niet |  | d2 | K | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|----------|-----------|---|---------|------|---------------------|--|---|-----------------------|
| SSX 406 | 3.2 | 3.3 | 6.5 | 0.8 | 6.0 | 1.0 - 3.0 | 500 | 17.60 |
| SSX 408 | +0.08 / | | +0 / | ±0.2 | 8.0 | 3.0 - 4.5 | 500 | 18.30 |
| SSX 410 | -0.10 | | -0.7 | | 10.0 | 4.5 - 6.5 | 500 | 19.00 |
| SSX 412 | | | | | 12.0 | 6.5 - 8.5 | 500 | 24.60 |
| SSX 415 | | | | | 15.0 | 8.5 - 11.5 | 500 | 31.80 |
| SSX 506 | 4.0 | 4.1 | 8.5 | 1.0 | 6.0 | 1.0 - 2.0 | 500 | 31.50 |
| SSX 510 | +0.08 / | | +0 / -1 | ±0.3 | 8.0 | 2.0 - 4.0 | 500 | 32.30 |
| SSX 512 | -0.15 | | | | 10.0 | 4.0 - 6.0 | 500 | 34.80 |
| SSX 5 16 | | | | | 13.0 | 6.0 - 9.0 | 500 | 38.40 |
| SSX 518 | | | | | 16.0 | 9.0 - 12.0 | 500 | 42.70 |

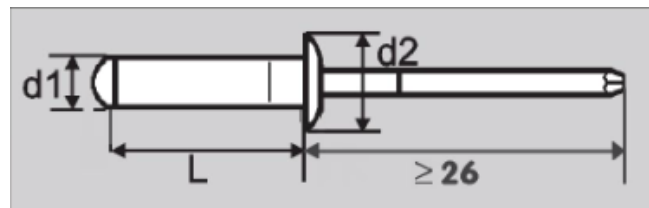
| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 2200 N | 2500 N |
| Ø 4.0 | 3400 N | 4500 N |
| Ø 4.8 | 5100 N | 5700 N |




Nieten Supertacs



Supertac® ALX

Niete: Aluminium (Almg 3.0)
Dorn: Edelstahl A2



| Typ | d1 Ø Niet |  | d2 | K | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|---------|-----------|---|---------|-----|---------------------|--|---|-----------------------|
| ALX 406 | 3.2 | 3.3 | 6.5 | 1.1 | 6.0 | 1.5 - 3.5 | 500 | Fr. 10.30 |
| ALX 410 | +0.08 / | | +0 / | | 8.0 | 3.5 - 5.0 | 500 | Fr. 10.50 |
| ALX 414 | -0.10 | | -0.7 | | 10.0 | 5.0 - 7.0 | 500 | Fr. 11.70 |
| ALX 416 | | | | | 12.0 | 7.0 - 8.5 | 500 | Fr. 12.70 |
| ALX 510 | 4.0 | 4.1 | 8.5 | 1.4 | 8.0 | 2.5 - 5.5 | 500 | Fr. 11.60 |
| ALX 512 | +0.08 / | | +0 / -1 | | 10.0 | 5.0 - 7.5 | 500 | Fr. 12.60 |
| ALX 516 | -0.15 | | | | 12.0 | 6.5 - 9.0 | 500 | Fr. 14.60 |
| ALX 518 | | | | | 14.0 | 8.0 - 11.0 | 500 | Fr. 15.30 |
| ALX 521 | | | | | 16.0 | 10.5 - 12.5 | 500 | Fr. 16.40 |

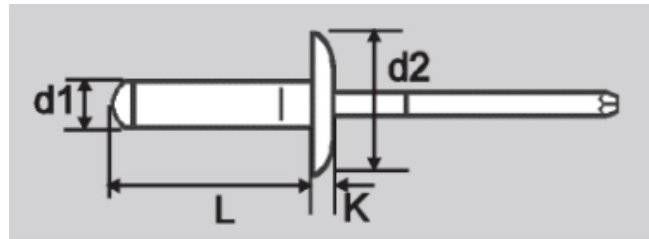
| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 760 N | 980 N |
| Ø 4.0 | 1200 N | 1600 N |
| Ø 4.8 | 1690 N | 2230 N |




Nieten Supertacs



Supertac® ALX - G

Niete: Aluminium
Dorn: Edelstahl

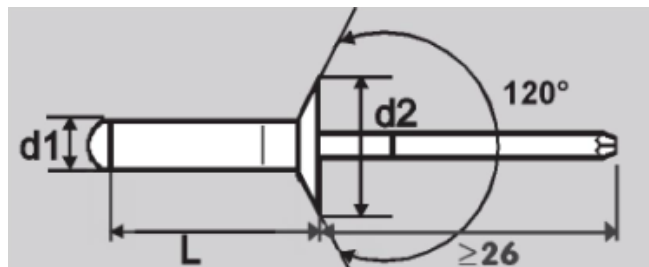





| Typ | d1 Ø Niet |  | d2 | K | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|----------|-----------|---|------|---|------------------|---|---|-----------------------|
| ALX-G512 | 4.8 | 4.9 | 14.0 | | 12.0 | 5.0 - 7.0 | 250 | Fr. 23.00 |
| ALX-G518 | | | | | 18.0 | 5.0 - 7.0 | 250 | Fr. 28.10 |

| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 4.8 | 1060 N | 1285 N |

Supertac® ALX - S

Niete: Aluminium (Almg 3.5)
Dorn: Edelstahl



| Typ | d1 Ø |  | d2 | K | L | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|----------|------|---|-----|-----|------|---|---|-----------------------|
| ALX-S510 | 4 | 4.1 | 7.5 | 1.0 | 8.0 | 3.5 - 6.0 | 500 | Fr. 19.10 |
| ALX-S512 | | | | | 10.0 | 5.0 - 7.5 | 500 | Fr. 21.70 |
| ALX-S613 | 4.8 | 4.9 | 9.0 | 1.2 | 10.0 | 3.0 - 7.0 | 500 | Fr. 28.20 |
| ALX-S615 | | | | | 12.0 | 5.0 - 9.5 | 500 | Fr. 30.50 |
| ALX-S619 | | | | | 14.0 | 7.0 - 11.5 | 500 | Fr. 31.60 |
| ALX-S621 | | | | | 16.0 | 8.5 - 13.0 | 500 | Fr. 32.90 |

| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 4.0 | 1580 N | 1240 N |
| Ø 4.8 | 2100 N | 1820 N |

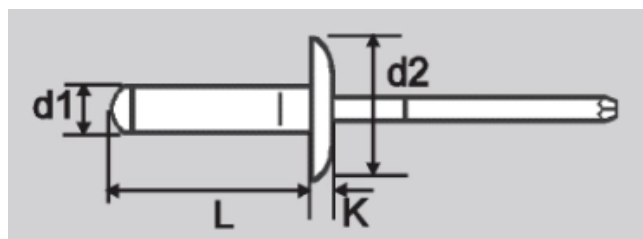
Nieten




Bechernieten



Becherniet ASB

Niete: Aluminium (Almg 5)
Dorn: Stahl verzinkt



| Typ | d1 Ø Niet |  | d2 | K | L +1.0 / -0.2 | Klemmlänge Longueur d'assemblage  |  | Preis per 100 Stk. |
|-----------|-----------|---|-------|-----|------------------|---|---|-----------------------|
| ASB 42 N | 3.2 | 3.3 | 6.0 | 1.4 | 6.5 | 0.5 - 2.0 | 500 | Fr. 5.90 |
| ASB 44 N | +0.08 / | | ±0.24 | | 8.0 | 2.0 - 3.5 | 500 | Fr. 6.10 |
| ASB 46 N | -0.10 | | | | 9.5 | 3.5 - 5.0 | 500 | Fr. 6.30 |
| ASB 48 N | | | | | 10.7 | 5.0 - 6.5 | 500 | Fr. 6.30 |
| ASB 410 N | | | | | 12.7 | 6.0 - 8.0 | 500 | Fr. 7.40 |
| ASB 54 N | 4.0 | 4.1 | 8.0 | 1.7 | 8.0 | 0.5 - 3.5 | 500 | Fr. 8.20 |
| ASB 56 N | +0.08 / | | ±0.29 | | 9.5 | 3.5 - 5.0 | 500 | Fr. 8.30 |
| ASB 58 N | -0.15 | | | | 11.0 | 5.0 - 6.5 | 500 | Fr. 8.70 |
| ASB 510 N | | | | | 12.7 | 6.5 - 8.0 | 500 | Fr. 9.40 |

| Festigkeitswerte: | Scherbruchlast | Zugbruchlast |
|-------------------|----------------|--------------|
| Ø 3.2 | 1070 N | 1240 N |
| Ø 4.0 | 1710 N | 2240 N |
| Ø 4.8 | 2230 N | 3070 N |