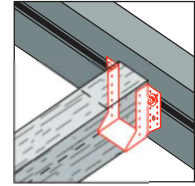
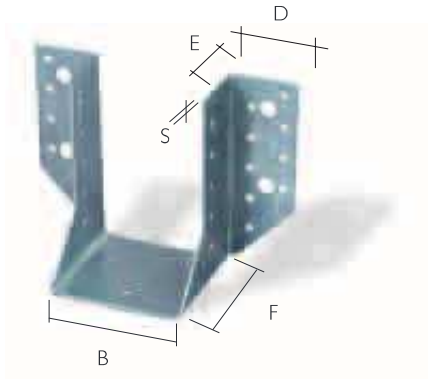


Produkte



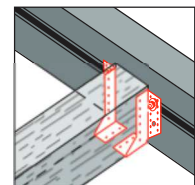
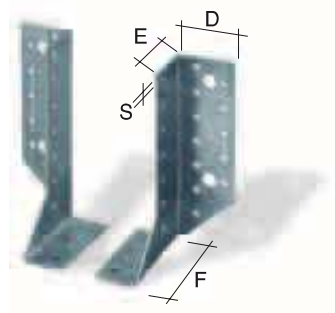
Balkenschuhe außen



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|-------------|-------------|----|----|-----|
| | | | | D | E | F | S |
| 661 025 25 | 20 | | 25x100 | 42 | 42 | 80 | 2,0 |
| 661 032 20 | 50 | | 32x109 | 42 | 42 | 80 | 2,0 |
| 661 038 20 | 50 | | 38x106 | 42 | 42 | 80 | 2,0 |
| 661 040 20 | 50 | | 40x100 | 42 | 42 | 80 | 2,0 |
| 661 407 20 | 50 | | 45x107 | 42 | 42 | 80 | 2,0 |
| 661 437 20 | 25 | | 45x137 | 42 | 42 | 80 | 2,0 |
| 661 467 20 | 25 | | 45x167 | 42 | 42 | 80 | 2,0 |
| 661 050 20 | 20 | | 50x100 | 42 | 42 | 80 | 2,0 |
| 661 051 20 | 50 | | 50x105 | 42 | 42 | 80 | 2,0 |
| 661 610 20 | 50 | x | 60x100 | 42 | 42 | 80 | 2,0 |
| 661 612 20 | 40 | | 60x120 | 42 | 42 | 80 | 2,0 |
| 661 613 20 | 40 | | 60x130 | 42 | 42 | 80 | 2,0 |
| 661 616 20 | 25 | | 60x160 | 42 | 42 | 80 | 2,0 |
| 661 619 20 | 25 | | 60x190 | 42 | 42 | 80 | 2,0 |
| 661 631 20 | 20 | | 63x100 | 42 | 42 | 80 | 2,0 |
| 661 064 20 | 25 | | 64x128 | 42 | 42 | 80 | 2,0 |
| 661 785 20 | 25 | | 70x85 | 42 | 42 | 80 | 2,0 |
| 661 712 20 | 25 | | 70x125 | 42 | 42 | 80 | 2,0 |
| 661 755 20 | 25 | | 70x155 | 42 | 42 | 80 | 2,0 |
| 661 070 20 | 25 | | 75x125 | 42 | 42 | 80 | 2,0 |
| 661 782 20 | 25 | | 76x82 | 42 | 42 | 80 | 2,0 |
| 661 076 20 | 25 | | 76x152 | 42 | 42 | 80 | 2,0 |
| 661 810 20 | 25 | | 80x100 | 42 | 42 | 80 | 2,0 |
| 661 812 20 | 40 | x | 80x120 | 42 | 42 | 80 | 2,0 |
| 661 814 20 | 25 | | 80x140 | 42 | 42 | 80 | 2,0 |
| 661 815 20 | 25 | | 80x150 | 42 | 42 | 80 | 2,0 |
| 661 818 20 | 25 | | 80x180 | 42 | 42 | 80 | 2,0 |
| 661 821 20 | 20 | | 80x210 | 42 | 42 | 80 | 2,0 |
| 661 915 20 | 40 | | 90x115 | 42 | 42 | 80 | 2,0 |
| 661 114 20 | 25 | x | 100x140 | 42 | 42 | 80 | 2,0 |
| 661 116 20 | 25 | | 100x160 | 42 | 42 | 80 | 2,0 |
| 661 117 20 | 25 | | 100x170 | 42 | 42 | 80 | 2,0 |
| 661 120 20 | 20 | | 100x200 | 42 | 42 | 80 | 2,0 |
| 661 216 20 | 25 | x | 120x160 | 42 | 42 | 80 | 2,0 |
| 661 218 20 | 20 | x | 120x180 | 42 | 42 | 80 | 2,0 |
| 661 219 20 | 20 | | 120x190 | 42 | 42 | 80 | 2,0 |
| 661 418 20 | 20 | x | 140x180 | 42 | 42 | 80 | 2,0 |

*LA = Lagerartikel

Balkenschuhe geteilt

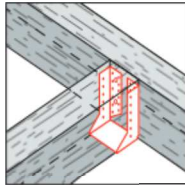


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|-------------|-------------|----|----|-----|
| | | | | D | E | F | S |
| 664 308 20 | 25 | | 30x80x2,0 | 42 | 42 | 80 | 2,0 |
| 664 310 20 | 25 | x | 30x100x2,0 | 42 | 42 | 80 | 2,0 |
| 664 312 20 | 25 | | 30x120x2,0 | 42 | 42 | 80 | 2,0 |
| 664 314 20 | 25 | | 30x140x2,0 | 42 | 42 | 80 | 2,0 |
| 664 315 20 | 25 | | 30x150x2,0 | 42 | 42 | 80 | 2,0 |
| 664 316 20 | 25 | | 30x160x2,0 | 42 | 42 | 80 | 2,0 |

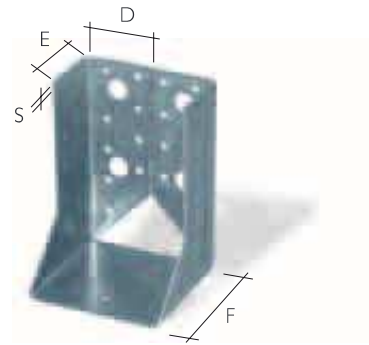
*LA = Lagerartikel



Balkenschuhe innen



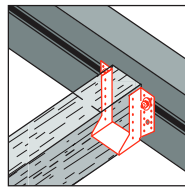
ETA-09/0021



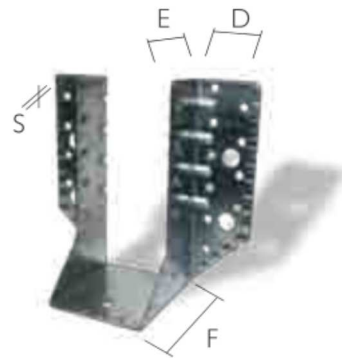
| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|-------------|-------------|----|----|-----|
| | | | | D | E | F | S |
| 662 041 20 | 50 | | 40x110 | 42 | 20 | 80 | 2,0 |
| 662 047 20 | 50 | | 45x70 | 45 | 20 | 80 | 2,0 |
| 662 511 20 | 50 | | 50x105 | 42 | 20 | 80 | 2,0 |
| 662 610 20 | 25 | x | 60x100 | 42 | 20 | 80 | 2,0 |
| 662 640 20 | 50 | | 64x128 | 42 | 20 | 80 | 2,0 |
| 662 712 20 | 40 | | 70x125 | 42 | 20 | 80 | 2,0 |
| 662 760 20 | 25 | | 76x152 | 42 | 30 | 80 | 2,0 |
| 662 812 20 | 40 | x | 80x120 | 42 | 42 | 80 | 2,0 |
| 662 815 20 | 25 | | 80x150 | 42 | 42 | 80 | 2,0 |
| 662 901 15 | 40 | | 90x115 | 42 | 42 | 80 | 2,0 |
| 662 818 20 | 25 | | 80x180 | 42 | 42 | 80 | 2,0 |
| 662 821 20 | 25 | | 80x210 | 42 | 42 | 80 | 2,0 |
| 662 114 20 | 25 | x | 100x140 | 42 | 42 | 80 | 2,0 |
| 662 117 20 | 25 | | 100x170 | 42 | 42 | 80 | 2,0 |
| 662 120 20 | 20 | | 100x200 | 42 | 42 | 80 | 2,0 |
| 662 216 20 | 25 | x | 120x160 | 42 | 42 | 80 | 2,0 |
| 662 218 20 | 20 | | 120x180 | 42 | 42 | 80 | 2,0 |
| 662 219 20 | 20 | | 120x190 | 42 | 42 | 80 | 2,0 |
| 662 418 20 | 20 | x | 140x180 | 42 | 42 | 80 | 2,0 |

*LA = Lagerartikel

Balkenschuhe außen 1,5 mm



ETA-08/0184



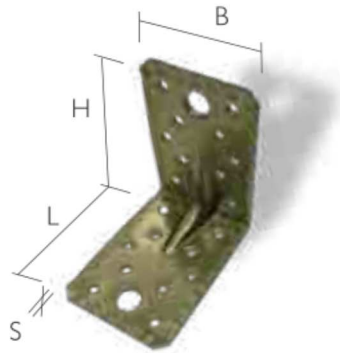
| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|-------------|-------------|----|----|-----|
| | | | | D | E | F | S |
| 661 032 15 | 50 | | 32x109x1,5 | 39 | 37 | 70 | 1,5 |
| 661 041 15 | 50 | | 40x110x1,5 | 39 | 37 | 70 | 1,5 |
| 661 051 15 | 50 | | 50x105x1,5 | 39 | 37 | 70 | 1,5 |
| 661 610 15 | 50 | x | 60x100x1,5 | 39 | 37 | 70 | 1,5 |
| 661 612 15 | 40 | | 60x120x1,5 | 39 | 37 | 70 | 1,5 |
| 661 613 15 | 40 | | 60x130x1,5 | 39 | 37 | 70 | 1,5 |
| 661 616 15 | 25 | | 60x160x1,5 | 39 | 37 | 70 | 1,5 |
| 661 619 15 | 25 | | 60x190x1,5 | 39 | 37 | 70 | 1,5 |
| 661 646 15 | 25 | | 64x68x1,5 | 39 | 37 | 70 | 1,5 |
| 661 064 15 | 25 | | 64x128x1,5 | 39 | 37 | 70 | 1,5 |
| 661 710 20 | 50 | | 70x105x2,0 | 39 | 37 | 70 | 1,5 |
| 661 712 15 | 25 | | 70x125x1,5 | 39 | 37 | 70 | 1,5 |
| 661 076 15 | 25 | | 76x152x1,5 | 39 | 37 | 70 | 1,5 |
| 661 808 15 | 25 | | 80x80x1,5 | 39 | 37 | 70 | 1,5 |
| 661 810 15 | 25 | | 80x100x1,5 | 39 | 37 | 70 | 1,5 |
| 661 812 15 | 40 | x | 80x120x1,5 | 39 | 37 | 70 | 1,5 |
| 661 814 15 | 25 | | 80x140x1,5 | 39 | 37 | 70 | 1,5 |
| 661 815 15 | 25 | | 80x150x1,5 | 39 | 37 | 70 | 1,5 |
| 661 818 15 | 25 | | 80x180x1,5 | 39 | 37 | 70 | 1,5 |
| 661 821 15 | 20 | | 80x210x1,5 | 39 | 37 | 70 | 1,5 |
| 661 915 15 | 25 | | 90x115x1,5 | 39 | 37 | 70 | 1,5 |
| 661 110 15 | 25 | | 100x100x1,5 | 39 | 37 | 70 | 1,5 |
| 661 114 15 | 25 | x | 100x140x1,5 | 39 | 37 | 70 | 1,5 |
| 661 116 15 | 25 | | 100x160x1,5 | 39 | 37 | 70 | 1,5 |

| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|-------------|-------------|----|----|-----|
| | | | | D | E | F | S |
| 661 117 15 | 25 | | 100x170x1,5 | 39 | 37 | 70 | 1,5 |
| 661 120 15 | 20 | | 100x200x1,5 | 39 | 37 | 70 | 1,5 |
| 661 216 15 | 25 | x | 120x160x1,5 | 39 | 37 | 70 | 1,5 |
| 661 218 15 | 20 | | 120x180x1,5 | 39 | 37 | 70 | 1,5 |
| 661 219 15 | 20 | | 120x190x1,5 | 39 | 37 | 70 | 1,5 |
| 661 418 15 | 20 | x | 140x180x1,5 | 39 | 37 | 70 | 1,5 |

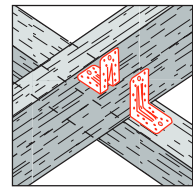
*LA = Lagerartikel



Winkelverbinder mit Steg 1,5 mm



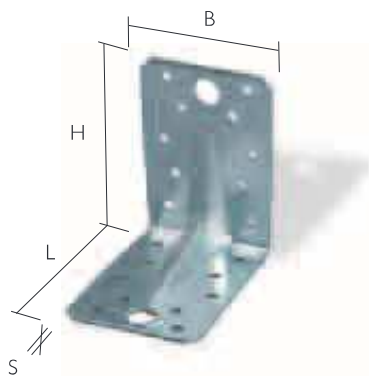
ETA-08/0183



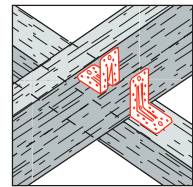
| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|----------------|-------------|-----|----|-----|
| | | | | L | H | B | S |
| 641 970 15 | 50 | | 70x70x55x1,5 | 70 | 70 | 55 | 1,5 |
| 641 990 15 | 50 | | 90x90x65x1,5 | 90 | 90 | 65 | 1,5 |
| 661 051 15 | 50 | | 105x105x90x1,5 | 105 | 105 | 90 | 1,5 |

*LA = Lagerartikel

Winkelverbinder mit Steg



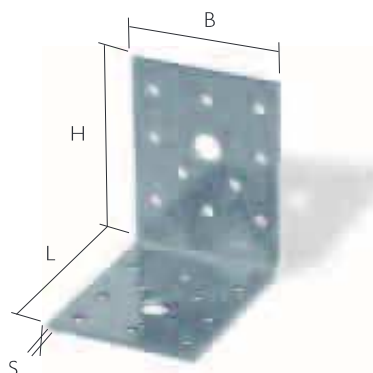
ETA-08/0183



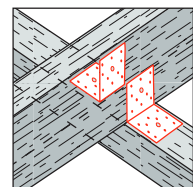
| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|----------------|-------------|-----|----|-----|
| | | | | L | H | B | S |
| 641 590 25 | 50 | x | 50x90x50x3,0 | 50 | 90 | 50 | 3,0 |
| 641 970 25 | 50 | x | 70x70x55x2,5 | 70 | 70 | 55 | 2,5 |
| 641 990 25 | 50 | x | 90x90x65x2,5 | 90 | 90 | 65 | 2,5 |
| 641 905 30 | 25 | x | 105x105x90x3,0 | 105 | 105 | 90 | 3,0 |

*LA = Lagerartikel

Winkelverbinder



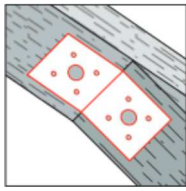
ETA-09/0355



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|-----|-----|----------------|-------------|-----|----|-----|
| | | | | L | H | B | S |
| 641 035 25 | 150 | x | 50x50x35x2,5 | 50 | 50 | 35 | 2,5 |
| 641 040 30 | 100 | x | 50x50x40x3,0 | 50 | 50 | 40 | 3,0 |
| 641 664 30 | 50 | x | 60x60x45x3,0 | 60 | 60 | 45 | 3,0 |
| 641 070 25 | 50 | x | 70x70x55x2,5 | 70 | 70 | 55 | 2,5 |
| 641 994 30 | 50 | x | 90x90x40x3,0 | 90 | 90 | 40 | 3,0 |
| 641 090 25 | 50 | x | 90x90x65x2,5 | 90 | 90 | 65 | 2,5 |
| 641 105 30 | 25 | x | 105x105x90x3,0 | 105 | 105 | 90 | 3,0 |

*LA = Lagerartikel

Winkelverbinder 135°

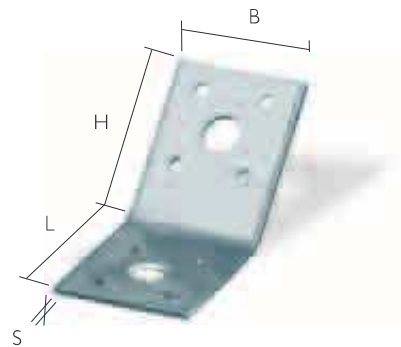


ETA-09/0355

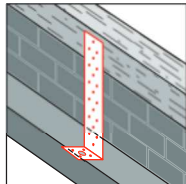


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|----------------|-------------|-----|----|-----|
| | | | | L | H | B | S |
| 651 554 25 | 50 | | 50x50x40x2,5 | 50 | 50 | 40 | 2,5 |
| 651 070 25 | 50 | | 70x70x55x2,5 | 70 | 70 | 55 | 2,5 |
| 651 096 25 | 50 | | 90x90x40x2,5 | 90 | 90 | 40 | 2,5 |
| 651 090 25 | 50 | | 90x90x65x2,5 | 90 | 90 | 65 | 2,5 |
| 651 105 30 | 25 | | 105x105x90x3,0 | 105 | 105 | 90 | 3,0 |

*LA = Lagerartikel



Betonflachstahlanker

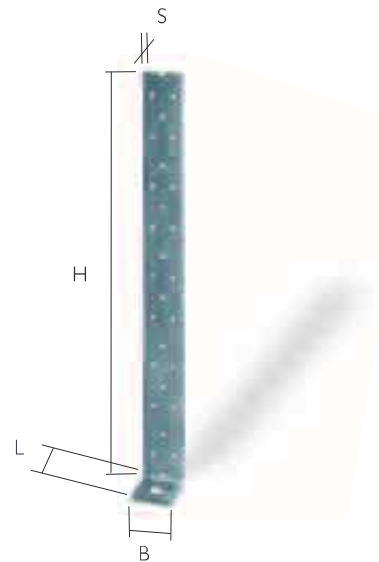


ETA-08/0259



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|---------------|-------------|----|----|-----|
| | | | | L | H | B | S |
| 618 200 20 | 25 | x | 200x40x40x2,0 | 200 | 40 | 40 | 2,0 |
| 618 200 40 | 25 | x | 200x40x40x4,0 | 200 | 40 | 40 | 4,0 |
| 618 300 20 | 25 | x | 300x40x40x2,0 | 300 | 40 | 40 | 2,0 |
| 618 300 40 | 25 | x | 300x40x40x4,0 | 300 | 40 | 40 | 4,0 |
| 618 400 20 | 25 | x | 400x40x40x2,0 | 400 | 40 | 40 | 2,0 |
| 618 400 40 | 25 | x | 400x40x40x4,0 | 400 | 40 | 40 | 4,0 |
| 618 500 20 | 25 | | 500x40x40x2,0 | 500 | 40 | 40 | 2,0 |
| 618 500 40 | 25 | | 500x40x40x4,0 | 500 | 40 | 40 | 4,0 |
| 618 600 20 | 25 | | 600x40x40x2,0 | 600 | 40 | 40 | 2,0 |
| 618 600 40 | 25 | | 600x40x40x4,0 | 600 | 40 | 40 | 4,0 |

*LA = Lagerartikel



Winkelverbinder-KR (Kantrippe)



ETA-08/0214

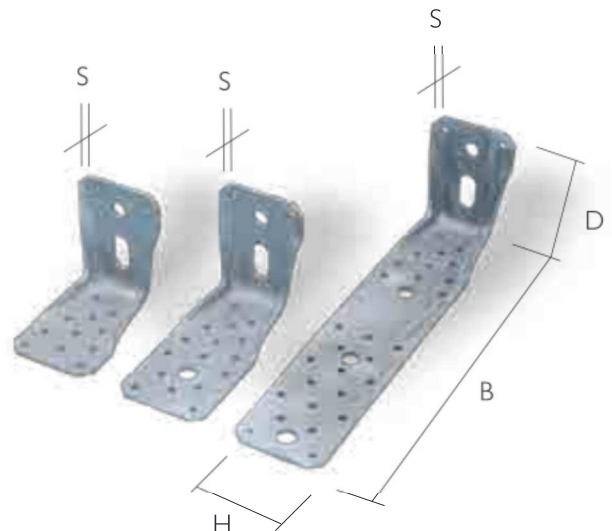


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|---------------------|-------------|----|----|-----|
| | | | | B | H | D | S |
| 651 095 40 | 25 | x | *LL (CE) 95x65x4,0 | 95 | 90 | 65 | 4,0 |
| 651 135 40 | 25 | x | *LL (CE) 135x65x4,0 | 135 | 90 | 65 | 4,0 |
| 651 285 40 | 25 | x | *LL (CE) 285x65x4,0 | 285 | 90 | 65 | 4,0 |
| 651 095 42 | 25 | x | *RL 95x65x4,0 | 95 | 90 | 65 | 4,0 |
| 651 135 42 | 25 | x | *RL 135x65x4,0 | 135 | 90 | 65 | 4,0 |
| 651 285 42 | 25 | x | *RL 285x65x4,0 | 285 | 90 | 65 | 4,0 |

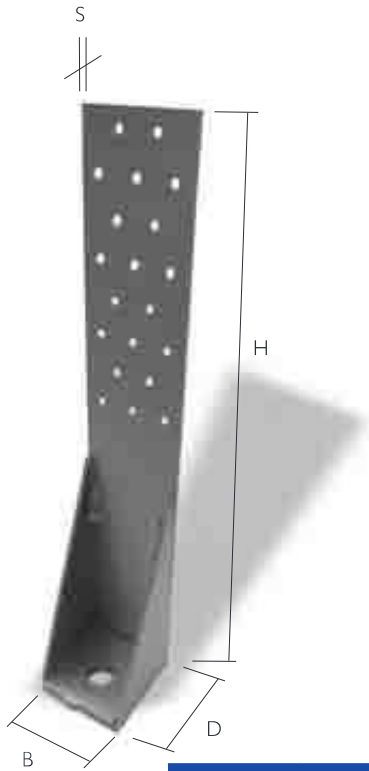
*LA = Lagerartikel

*LL = Langloch

*RL = Rundloch



Zuganker

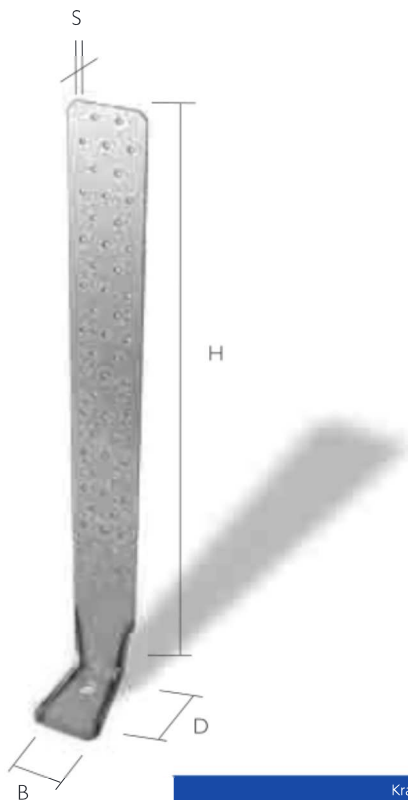


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|---------------------|-------------|-----|----|-----|
| | | | | B | H | D | S |
| 651 340 30 | 10 | | Typ R 340x60x60x3,0 | 60 | 340 | 60 | 3,0 |
| 651 440 30 | 10 | | Typ R 440x60x60x3,0 | 60 | 440 | 60 | 3,0 |
| 651 540 30 | 10 | | Typ R 540x60x60x3,0 | 60 | 540 | 60 | 3,0 |
| 651 620 30 | 10 | | Typ R 620x80x80x3,0 | 80 | 620 | 80 | 3,0 |
| 651 517 10 | 20 | | **56x50x10 Loch 17 | | | | |
| 651 721 20 | 10 | | **77x70x10 Loch 21 | | | | |

*LA = Lagerartikel
** Unterlegscheibe

| Kraft F1, 1 Zuganker / Verbindung Holz - Beton / Weichholz pk = 350 kg/m ³ | | | | | | | | | |
|---|--|------|------|---|------|------|--------------|-------|------------|
| Zuganker-Typ | Traglast pro Nagel (F _{v,Rk}) [kN] | | | Traglast pro Schraube (F _{v,Rk}) [kN] | | | Beton | Stahl | Betonanker |
| | 4x40 | 4x50 | 4x60 | 5x35 | 5x40 | 5x50 | | | |
| R Lx60x60x3,0* | 1,57 | 1,87 | 1,93 | 1,8 | 1,92 | 2,52 | siehe EN1992 | 35 | 3,79 |
| R Lx60x60x3,0** | 1,57 | 1,87 | 1,93 | 1,8 | 1,92 | 2,52 | | 45 | 3,79 |
| R Lx80x80x3,0*** | 1,57 | 1,87 | 1,93 | 1,8 | 1,92 | 2,52 | | 60 | 2,63 |

* mit Beilagscheibe 30x3; ** mit Grundplatte t = 10 mm; *** mit Beilagscheibe 37x3 oder Grundplatte t = 20 mm



Zuganker (Doppel-KR)



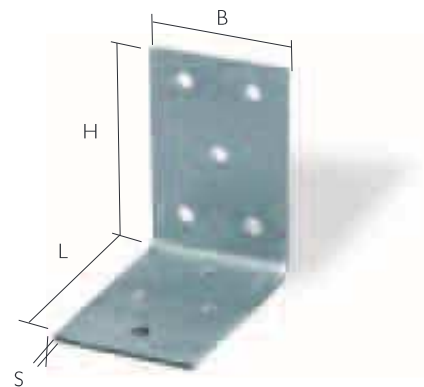
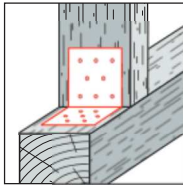
| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|------------------|-------------|-----|----|-----|
| | | | | B | H | D | S |
| 651 460 30 | 10 | x | KR 460x90x65x3,0 | 65 | 460 | 90 | 3,0 |
| 651 460 40 | 10 | x | KR 460x90x65x4,0 | 65 | 460 | 90 | 4,0 |
| 651 560 30 | 10 | x | KR 560x90x65x3,0 | 65 | 560 | 90 | 3,0 |
| 651 560 40 | 10 | x | KR 560x90x65x4,0 | 65 | 560 | 90 | 4,0 |

*LA = Lagerartikel

| Kraft F1, 1 Zuganker / Verbindung Holz - Beton / Weichholz pk = 350 kg/m ³ | | | | | | | | | |
|---|--|------|------|---|------|------|--------------|-------|------------|
| Zuganker-Typ | Traglast pro Nagel (F _{v,Rk}) [kN] | | | Traglast pro Schraube (F _{v,Rk}) [kN] | | | Beton | Stahl | Betonanker |
| | 4x40 | 4x50 | 4x60 | 5x35 | 5x40 | 5x50 | | | |
| KR 460x90x65x3,0 | 1,57 | 1,87 | 1,93 | 1,8 | 1,92 | 2,52 | siehe EN1992 | 36,2 | 2,05 |
| KR 460x90x65x4,0 | 1,57 | 1,87 | 1,93 | 1,8 | 1,92 | 2,52 | | 48,3 | 2,04 |

* mit Beilagscheibe 30x3; ** mit Grundplatte t = 10 mm; *** mit Beilagscheibe 37x3 oder Grundplatte t = 20 mm

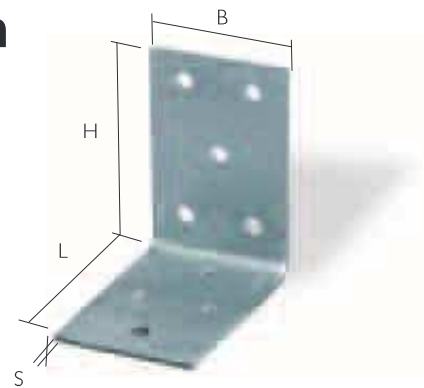
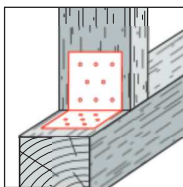
Lochplattenwinkel 2,0 mm



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|-----|-----|-----------------|-------------|-----|-----|-----|
| | | | | L | H | B | S |
| 631 442 20 | 200 | x | 40x40x20x2,0 | 40 | 40 | 20 | 2,0 |
| 631 444 20 | 200 | x | 40x40x40x2,0 | 40 | 40 | 40 | 2,0 |
| 631 460 20 | 200 | x | 40x40x60x2,0 | 40 | 40 | 60 | 2,0 |
| 631 448 20 | 100 | x | 40x40x80x2,0 | 40 | 40 | 80 | 2,0 |
| 631 554 20 | 200 | x | 50x50x40x2,0 | 50 | 50 | 40 | 2,0 |
| 631 640 20 | 100 | x | 60x60x40x2,0 | 60 | 60 | 40 | 2,0 |
| 631 665 20 | 50 | x | 60x60x50x2,0 | 60 | 60 | 50 | 2,0 |
| 631 660 20 | 50 | x | 60x60x60x2,0 | 60 | 60 | 60 | 2,0 |
| 631 668 20 | 50 | | 60x60x80x2,0 | 60 | 60 | 80 | 2,0 |
| 631 610 20 | 50 | | 60x60x100x2,0 | 60 | 60 | 100 | 2,0 |
| 631 840 20 | 100 | x | 80x80x40x2,0 | 80 | 80 | 40 | 2,0 |
| 631 860 20 | 50 | x | 80x80x60x2,0 | 80 | 80 | 60 | 2,0 |
| 631 880 20 | 50 | x | 80x80x80x2,0 | 80 | 80 | 80 | 2,0 |
| 631 810 20 | 25 | | 80x80x100x2,0 | 80 | 80 | 100 | 2,0 |
| 631 812 20 | 25 | | 80x80x120x2,0 | 80 | 80 | 120 | 2,0 |
| 631 140 20 | 50 | x | 100x100x40x2,0 | 100 | 100 | 40 | 2,0 |
| 631 116 20 | 50 | | 100x100x60x2,0 | 100 | 100 | 60 | 2,0 |
| 631 180 20 | 25 | | 100x100x80x2,0 | 100 | 100 | 80 | 2,0 |
| 631 110 20 | 25 | | 100x100x100x2,0 | 100 | 100 | 100 | 2,0 |
| 631 112 20 | 25 | | 100x100x120x2,0 | 100 | 100 | 120 | 2,0 |

*LA = Lagerartikel

Lochplattenwinkel 2,5 mm

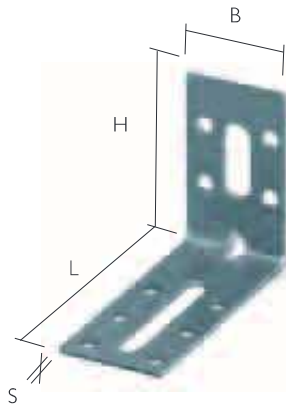


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|-----|-----|-----------------|-------------|-----|-----|-----|
| | | | | L | H | B | S |
| 631 460 25 | 100 | x | 40x40x60x2,5 | 40 | 40 | 60 | 2,5 |
| 631 448 25 | 50 | | 40x40x80x2,5 | 40 | 40 | 80 | 2,5 |
| 631 640 25 | 100 | x | 60x60x40x2,5 | 60 | 60 | 40 | 2,5 |
| 631 650 25 | 50 | x | 60x60x50x2,5 | 60 | 60 | 50 | 2,5 |
| 631 660 25 | 50 | x | 60x60x60x2,5 | 60 | 60 | 60 | 2,5 |
| 631 680 25 | 50 | x | 60x60x80x2,5 | 60 | 60 | 80 | 2,5 |
| 631 610 25 | 50 | x | 60x60x100x2,5 | 60 | 60 | 100 | 2,5 |
| 631 840 25 | 50 | x | 80x80x40x2,5 | 80 | 80 | 40 | 2,5 |
| 631 860 25 | 50 | x | 80x80x60x2,5 | 80 | 80 | 60 | 2,5 |
| 631 880 25 | 25 | x | 80x80x80x2,5 | 80 | 80 | 80 | 2,5 |
| 631 810 25 | 25 | x | 80x80x100x2,5 | 80 | 80 | 100 | 2,5 |
| 631 812 25 | 25 | | 80x80x120x2,5 | 80 | 80 | 120 | 2,5 |
| 631 140 25 | 50 | | 100x100x40x2,5 | 100 | 100 | 40 | 2,5 |
| 631 160 25 | 50 | x | 100x100x60x2,5 | 100 | 100 | 60 | 2,5 |
| 631 180 25 | 25 | x | 100x100x80x2,5 | 100 | 100 | 80 | 2,5 |
| 631 110 25 | 25 | x | 100x100x100x2,5 | 100 | 100 | 100 | 2,5 |
| 631 112 25 | 25 | | 100x100x120x2,5 | 100 | 100 | 120 | 2,5 |
| 631 114 25 | 20 | | 100x100x140x2,5 | 100 | 100 | 140 | 2,5 |

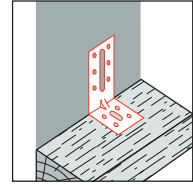
*LA = Lagerartikel



Langlochwinkel



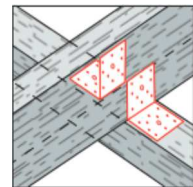
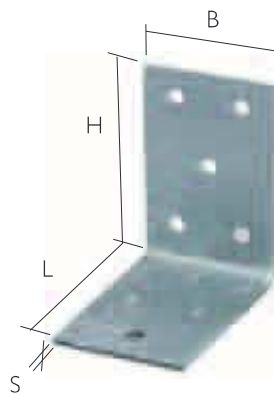
ETA-09/0355



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|-----|-----|--------------|-------------|----|----|-----|
| | | | | L | H | B | S |
| 633 553 20 | 50 | x | 50x50x30x2,0 | 50 | 50 | 30 | 2,0 |
| 633 753 20 | 100 | x | 70x50x30x2,0 | 70 | 50 | 30 | 2,0 |
| 633 853 25 | 50 | x | 80x50x30x2,5 | 80 | 50 | 30 | 2,5 |

*LA = Lagerartikel

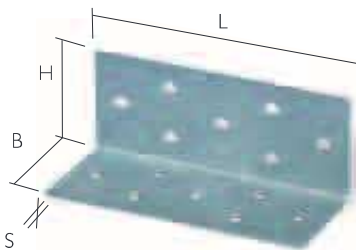
Winkel 25 mm



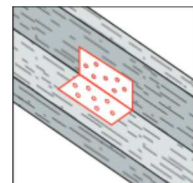
| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|-----|-----|-------------|-------------|----|----|-----|
| | | | | L | H | B | S |
| 631 332 20 | 200 | x | 30x30x25 | 30 | 30 | 25 | 2,0 |
| 631 442 52 | 200 | x | 40x40x25 | 40 | 40 | 25 | 2,0 |
| 631 552 52 | 200 | | 50x50x25 | 50 | 50 | 25 | 2,0 |
| 632 060 20 | 100 | | 60x60x25 | 60 | 60 | 25 | 2,0 |

*LA = Lagerartikel

Eckverbinder



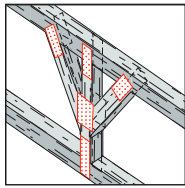
ETA-09/0355



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | | |
|------------|----|-----|-------------|-------------|----|----|-----|
| | | | | L | H | B | S |
| 634 100 20 | 50 | x | 40x40x100 | 100 | 40 | 40 | 2,0 |
| 634 200 20 | 50 | | 40x40x200 | 200 | 40 | 40 | 2,0 |
| 634 151 20 | 50 | | 40x40x150 | 150 | 40 | 40 | 2,0 |

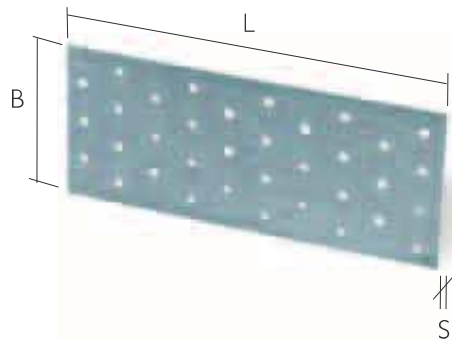
*LA = Lagerartikel

Lochplatten 1,5 mm

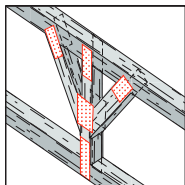


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|-----|-----|
| | | | | L | B | S |
| 621 620 15 | 50 | | 60x200x1,5 | 200 | 60 | 1,5 |
| 621 820 15 | 50 | | 80x200x1,5 | 200 | 80 | 1,5 |
| 621 830 15 | 25 | | 80x300x1,5 | 300 | 80 | 1,5 |
| 621 020 15 | 50 | | 100x200x1,5 | 200 | 100 | 1,5 |
| 621 030 15 | 25 | | 100x300x1,5 | 300 | 100 | 1,5 |

*LA = Lagerartikel



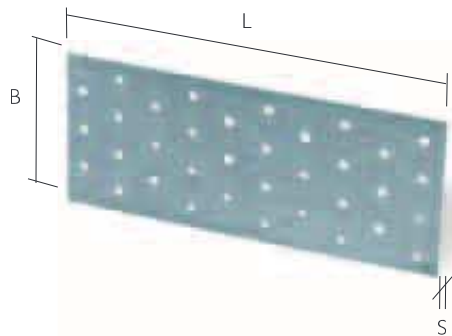
Lochplatten*



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|-----|-----|-------------|-------------|-----|-----|
| | | | | L | B | S |
| 621 410 20 | 100 | | 40x100 | 40 | 100 | 2,0 |
| 621 412 20 | 100 | x | 40x120 | 40 | 120 | 2,0 |
| 621 416 20 | 100 | x | 40x160 | 40 | 160 | 2,0 |
| 621 420 20 | 25 | | 40x200 | 40 | 200 | 2,0 |
| 621 430 20 | 50 | | 40x300 | 40 | 300 | 2,0 |
| 621 610 20 | 50 | | 60x100 | 60 | 100 | 2,0 |
| 621 612 20 | 50 | x | 60x120 | 60 | 120 | 2,0 |
| 621 614 20 | 50 | x | 60x140 | 60 | 140 | 2,0 |
| 621 616 20 | 50 | x | 60x160 | 60 | 160 | 2,0 |
| 621 620 20 | 50 | x | 60x200 | 60 | 200 | 2,0 |
| 621 624 20 | 50 | x | 60x240 | 60 | 240 | 2,0 |
| 621 630 20 | 50 | | 60x300 | 60 | 300 | 2,0 |
| 621 816 20 | 50 | | 80x160 | 80 | 160 | 2,0 |
| 621 820 20 | 25 | x | 80x200 | 80 | 200 | 2,0 |
| 621 824 20 | 25 | x | 80x240 | 80 | 240 | 2,0 |
| 621 826 20 | 25 | | 80x260 | 80 | 260 | 2,0 |
| 621 830 20 | 25 | x | 80x300 | 80 | 300 | 2,0 |
| 621 010 20 | 25 | | 100x100 | 100 | 100 | 2,0 |
| 621 012 20 | 25 | | 100x120 | 100 | 120 | 2,0 |
| 621 014 20 | 25 | x | 100x140 | 100 | 140 | 2,0 |
| 621 016 20 | 25 | x | 100x160 | 100 | 160 | 2,0 |
| 621 020 20 | 25 | x | 100x200 | 100 | 200 | 2,0 |
| 621 024 20 | 25 | x | 100x240 | 100 | 240 | 2,0 |
| 621 026 20 | 25 | | 100x260 | 100 | 260 | 2,0 |
| 621 030 20 | 25 | x | 100x300 | 100 | 300 | 2,0 |
| 621 214 20 | 25 | | 120x140 | 120 | 140 | 2,0 |
| 621 216 20 | 25 | | 120x160 | 120 | 160 | 2,0 |
| 621 220 20 | 25 | x | 120x200 | 120 | 200 | 2,0 |
| 621 224 20 | 25 | | 120x240 | 120 | 240 | 2,0 |
| 621 260 20 | 25 | | 120x260 | 120 | 260 | 2,0 |
| 621 230 20 | 25 | x | 120x300 | 120 | 300 | 2,0 |
| 621 200 20 | 20 | | 200x300 | 200 | 300 | 2,0 |

* auf Anfrage können weitere Abmessungen hergestellt werden

*LA = Lagerartikel



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|-----|-----|
| | | | | L | B | S |
| 621 400 20 | 20 | | 120x400 | 120 | 400 | 2,0 |
| 621 500 20 | 20 | | 120x500 | 120 | 500 | 2,0 |
| 621 441 20 | 10 | | 140x400 | 140 | 400 | 2,0 |
| 621 460 20 | 10 | | 160x400 | 160 | 400 | 2,0 |

Lochplatten länger als 300 mm

* auf Anfrage können weitere Abmessungen hergestellt werden

*LA = Lagerartikel

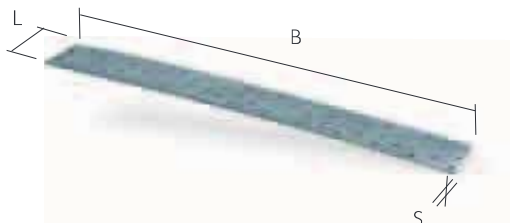


Lochplattenstreifen



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|------|-----|
| | | | | L | B | S |
| 621 040 12 | 10 | x | 40x1200 | 40 | 1200 | 2,0 |
| 621 060 12 | 10 | x | 60x1200 | 60 | 1200 | 2,0 |
| 621 080 12 | 10 | x | 80x1200 | 80 | 1200 | 2,0 |
| 621 100 12 | 5 | x | 100x1200 | 100 | 1200 | 2,0 |
| 621 120 12 | 5 | x | 120x1200 | 120 | 1200 | 2,0 |
| 621 140 12 | 5 | x | 140x1200 | 140 | 1200 | 2,0 |
| 621 160 12 | 5 | x | 160x1200 | 160 | 1200 | 2,0 |
| 621 180 12 | 5 | x | 180x1200 | 180 | 1200 | 2,0 |
| 621 200 12 | 5 | x | 200x1200 | 200 | 1200 | 2,0 |

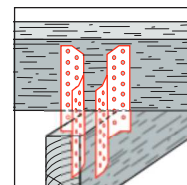
*LA = Lagerartikel



Sparrenpfettenanker

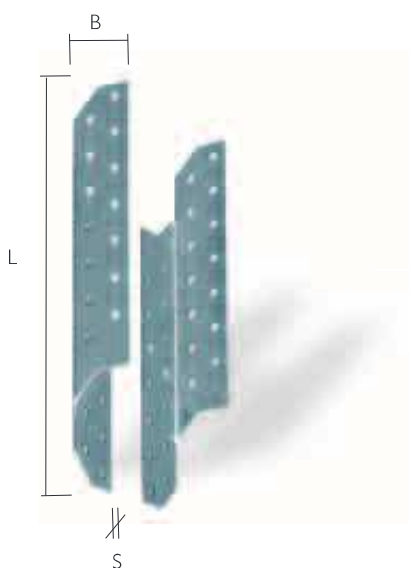


ETA-08/0186



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|-----|-----|-------------|-------------|-----|-----|
| | | | | B | L | S |
| 630 170 20 | 100 | x | 170 R, L | 35 | 170 | 2,0 |
| 630 210 20 | 50 | x | 210 R, L | 35 | 210 | 2,0 |
| 630 250 20 | 50 | x | 250 R, L | 35 | 250 | 2,0 |
| 630 290 20 | 20 | x | 290 R, L | 33 | 290 | 2,0 |
| 630 330 20 | 20 | x | 330 R, L | 33 | 330 | 2,0 |
| 630 370 20 | 20 | | 370 R, L | 33 | 370 | 2,0 |

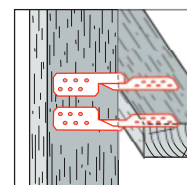
*LA = Lagerartikel



Sparrenpfettenanker Universal

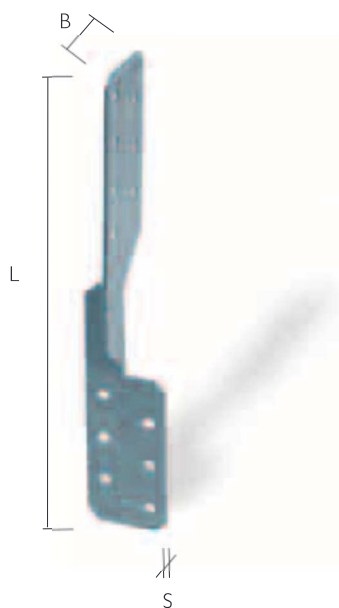


ETA-08/0186



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|-----|-----|-------------|-------------|-----|-----|
| | | | | B | L | S |
| 635 170 20 | 100 | x | 170 | 35 | 170 | 2,0 |
| 635 210 20 | 50 | x | 210 | 35 | 210 | 2,0 |
| 635 250 20 | 50 | x | 250 | 35 | 250 | 2,0 |
| 635 290 20 | 50 | | 290 | 35 | 290 | 2,0 |
| 635 330 20 | 50 | | 330 | 35 | 330 | 2,0 |

*LA = Lagerartikel



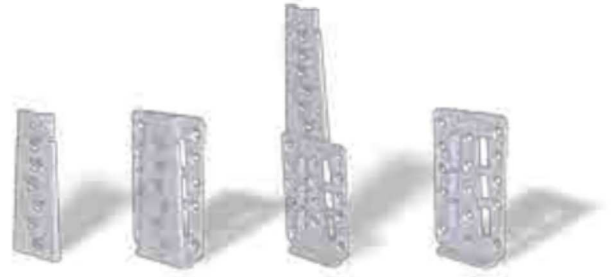
BB-Balkenverbinder



ETA-09/0301

| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|----------------|-------------|-----|-----|
| | | | | B | H | S |
| 669 050 15 | 20 | x | kleine Version | 90 | 70 | 3,0 |
| 669 090 70 | 6 | x | 90x70x3,0 | 125 | 70 | 3,0 |
| 669 125 70 | 6 | x | 125x70x3,0 | 150 | 70 | 3,0 |
| 669 150 70 | 6 | x | 150x70x3,0 | 190 | 70 | 3,0 |
| 669 190 70 | 6 | x | 190x70x3,0 | 50 | 200 | 5,0 |

*LA = Lagerartikel



Frässhablonen

| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|--------|-----|-------------|-------------|-----|-----|
| | | | | B | H | S |
| 962 210 85 | 1 Satz | x | Schablonen | 225 | 143 | 9,0 |

*LA = Lagerartikel

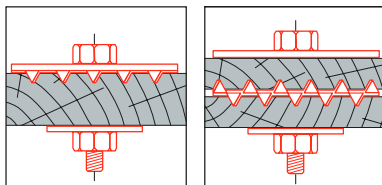


Nutfräser

| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|---|---|
| | | | | B | H | S |
| 517 000 16 | 1 | x | D22 mm | | | |

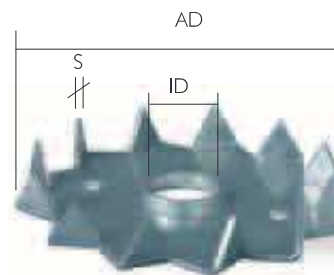
*LA = Lagerartikel

Einpressdübel



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|-----|-----|-------------|-------------|------|------|
| | | | | AD | ID | S |
| 692 048 10 | 300 | x | E50 | 50 | 12,8 | 1,00 |
| 692 062 10 | 100 | x | E62 | 62 | 12,8 | 1,20 |
| 692 075 13 | 100 | x | E75 | 75 | 16,8 | 1,25 |
| 692 148 10 | 200 | x | D50 | 50 | 17 | 1,00 |
| 692 162 12 | 200 | x | D62 | 62 | 21 | 1,20 |
| 692 175 13 | 100 | x | D75 | 75 | 26 | 1,25 |

*LA = Lagerartikel



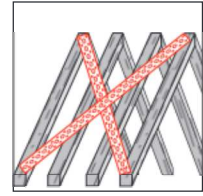
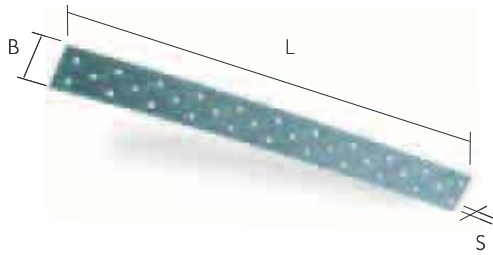
einseitig E/C2



einseitig D/C1



Windrispenband

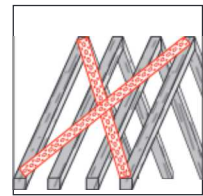
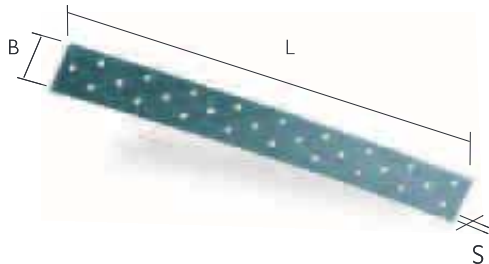


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|-----|-----|
| | | | | B | L** | S |
| 642 040 15 | 30 | x | 40x1,5 | 40 | 50 | 1,5 |
| 642 042 15 | 30 | x | 40x1,5 | 40 | 25 | 1,5 |
| 641 060 15 | 20 | x | 60x1,5 | 60 | 50 | 1,5 |
| 642 082 15 | 20 | x | 80x1,5 | 80 | 25 | 1,5 |

*LA = Lagerartikel

** Länge in Meter

Windrispenband

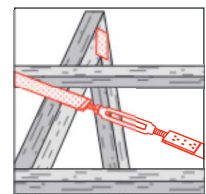


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|-----|-----|
| | | | | t | L** | S |
| 641 025 20 | 30 | x | 25x2,0 | 25 | 25 | 2,0 |
| 641 410 20 | 30 | | 40x2,0 | 40 | 10 | 2,0 |
| 641 425 20 | 30 | | 40x2,0 | 40 | 25 | 2,0 |
| 641 040 20 | 30 | | 40x2,0 | 40 | 50 | 2,0 |
| 641 060 20 | 20 | | 60x2,0 | 60 | 50 | 2,0 |

*LA = Lagerartikel

** Länge in Meter

Windrispenband-Nachspanner

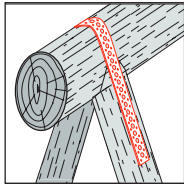


| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | |
|------------|----|-----|-------------|-------------|-----|
| | | | | B | L |
| 645 025 20 | 50 | x | WRSP 25 | 150 | 150 |
| 645 040 20 | 25 | x | WRSP 40-60 | 500 | 500 |

*LA = Lagerartikel

Lochband verzinkt

in praktischer Abrollbox aus Kunststoff



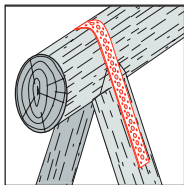
| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|-----|------|
| | | | | B | L** | S |
| 642 121 07 | 10 | | 12x0,75 | 12 | 10 | 0,75 |
| 645 121 53 | 10 | x | 12x0,75 | 12 | 10 | 0,75 |
| 645 171 07 | 10 | x | 17x0,75 | 17 | 10 | 0,75 |
| 645 172 07 | 10 | | 17x0,75 | 17 | 25 | 0,75 |
| 645 251 07 | 10 | x | 25x0,75 | 25 | 10 | 0,75 |
| 645 252 07 | 10 | x | 25x0,75 | 25 | 25 | 0,75 |

*LA = Lagerartikel



** Länge in Meter
auf Wunsch sind weitere Längen herstellbar,
jedoch nicht in der praktischen Abrollbox

Rundholzverbinder



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|----|-----|
| | | | | L | B | S |
| 652 060 00 | 50 | | Typ 60 | 80 | 57 | 1,5 |
| 652 080 00 | 50 | | Typ 80 | 123 | 74 | 1,5 |
| 652 557 00 | 10 | | 55x700x1,5 | 700 | 55 | 1,5 |

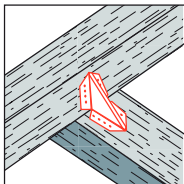
*LA = Lagerartikel



Typ 60

Typ 80

Knaggen



| Art.-Nr. | VE | LA* | Bezeichnung | Abmessungen | | |
|------------|----|-----|-------------|-------------|----|-----|
| | | | | L | H* | S |
| 517 000 13 | 50 | | 90/45x2,0 | 90 | 45 | 2,0 |
| 517 000 14 | 4 | | 130/75x2,0 | 130 | 75 | 2,0 |
| 517 000 15 | 4 | | 90/45x2,0 | 170 | 95 | 2,0 |

*LA = Lagerartikel

