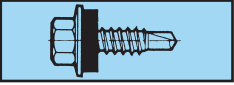
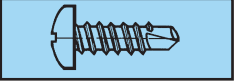
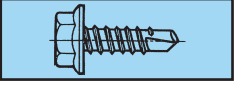
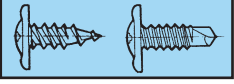
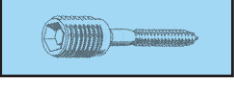
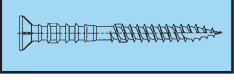
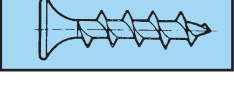
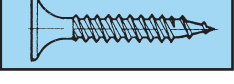
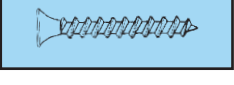


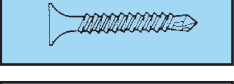
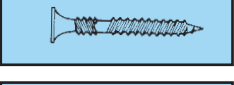




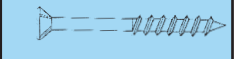
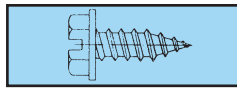


Construction screw/Bauschrauben

Page/Seite

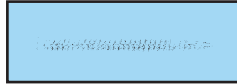
| | | |
|---|---|------|
|  | Roofing screw zp/Fassadenbauschrauben | 18:1 |
|  | Marutex pan head/Marutex Linsenkopf Stainless steel/Edelstahl | 18:2 |
|  | Marutex hex flange/Marutex Flansch Stainless steel/Edelstahl | 18:2 |
|  | Waferhead selfdrilling screw sharp point and drillpoint/ | 18:3 |
|  | Framescrew/Fensterrahmenschrauben | 18:4 |
|  | Framescrew/Fensterrahmenschrauben | 18:4 |
|  | Drywall screw for wood/Schnellbauschrauben mit Grossgewinde für Holz Phosph/phosp Zincl/verz | 18:5 |
|  | Drywall screw for steel/Schnellbauschrauben mit Feingewinde Phosph/phosp Zincl/verz | 18:5 |
|  | Strip Belted drywall screw for wooden crossbar | 18:6 |
|  | Strip Belted drywall screw for steel- and wooden crossbar | 18:6 |
|  | Strip Belted drywall screw for steel crossbar | 18:6 |
|  | Strip Belted drywall screw with drill point for steel crossbar | 18:7 |
|  | Strip Belted drywall screw with reversed thread | 18:7 |
|  | Strip Belted particle board screw | 18:7 |
|  | Outdoor wood screw stainless steel A2 | 18:8 |
|  | Outdoor wood screw Nano coating | 18:8 |
|  | Strip Belted outdoor wood screw | 18:8 |
|  | Particleboardscrew/Fermacellschrauben Zincl/verz | 18:9 |

Construction screw/Bauschrauben



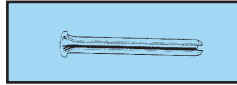
Tappingscrew for thin sheet

Page/Seite
18:9



Concrete screw

18:10



Steel express nail

18:10



Wedge anchor/Keil Anker Steel/Stahl
Zincpl/verz HDG/Feuerverz

18:11



Wedge anchor steel single clips/Keil Anker Stahl enkel Clips
Yellow ZPL/Gelbverz HDG/Feuerverz

18:12



Wedge anchor/Keil Anker

18:13



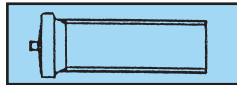
Nylonplug/Kunststoff Dübel

18:14



Fischer- S plug /Fischer- S Dübel

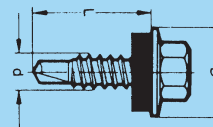
18:14


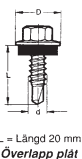
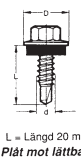


Weldstuds/Schweissbolzen
See chapter 7 page 7:26/Siehen Kapitel 7 seite 7:26

Roofing screws/Fassadenbauschrauben

Steel 25 micron zinc+steel EPDM bonded washer
width across flat = 8 washer diameter 14/
Fassadenbauschrauben Stahl 25 micron verzinkt
Schlüsselweite = 8 scheibe Durchmesser = 14



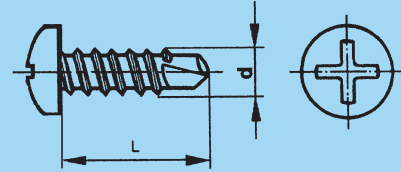
| Roofing screw sheet against wood/ Fassadenbauschrauben Blech gegen Holz | | | Roofing screw sheet against sheet/ Fassadenbauschrauben Blech gegen Blech | | | Roofing screw sheet against lightbeam/ Fassadebauschrauben Blech gegen Leichtbalken | | |
|---|----------------------------|------------------------------|--|----------------------------|------------------------------|--|----------------------------|------------------------------|
|  <p>4,8 x 35</p> <p>L = Längd 35 mm Plåt mot trä</p> | | |  <p>4,8 x 20</p> <p>L = Längd 20 mm Överlapp plåt</p> | | |  <p>4,8 x 20</p> <p>L = Längd 20 mm Plåt mot lättbalk</p> | | |
| Article/ Artikel | Colour/ Farbe | Price/Preis €/1000 pcs/St | Article/ Artikel | Colour/ Farbe | Price/Preis €/1000 pcs/St | Article/ Artikel | Colour/ Farbe | Price/Preis €/1000 pcs/St |
| FARM48035G | Grey/Grau | 390 | OVER48020G | Grey/Grau | 340 | LATTB48020G | Grey/Grau | 340 |
| FARM48035SV | Black/ Schwarz | 390 | OVER48020SV | Black/ Schwarz | 340 | LATTB48020SV | Black/ Schwarz | 340 |
| FARM48035R | Red/Rot | 390 | OVER48020R | Red/Rot | 340 | LATTB48020R | Red/Rot | 340 |
| FARM48035V | White/Weiß | 390 | OVER48020V | White/Weiß | 340 | LATTB48020V | White/Weiß | 340 |
| FARM48035L | Light grey/ Hellgrau | 390 | OVER48020L | Light grey/ Hellgrau | 340 | LATTB48020L | Light grey/ Hellgrau | 340 |
| FARM48035T | Brickred/ Backsteinrot | 390 | OVER48020T | Brickred/ Backsteinrot | 340 | LATTB48020T | Brickred/ Backsteinrot | 340 |
| FARM48035SA | Sand yellow/ Sandfarben | 390 | OVER48020SA | Sand yellow/ Sandfarben | 340 | LATTB48020SA | Sand yellow/ Sandfarben | 340 |
| FARM48035O | Oliver green/ Oliv grün | 390 | OVER48020O | Oliver green/ Oliv grün | 340 | LATTB48020O | Oliver green/ Oliv grün | 340 |
| FARM48035BR | Brown/ Braun | 390 | OVER48020BR | Brown/ Braun | 340 | LATTB48020BR | Brown/ Braun | 340 |
| FARM48035BL | Blue/Blau | 390 | OVER48020BL | Blue/Blau | 340 | LATTB48020BL | Blue/Blau | 340 |

Selfdrilling screw without EPDM bonded washer page 5:13/Fassadenbauschrauben ohne Scheibe seite 5:13

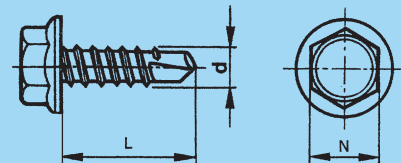
Tappingscrew for thin sheet/Blechschraben für Dünnblech

Order ex./Best. ex: Roofing screw 4,8 x 35 grey
Article ex./Artikelnr ex.: FARM48035G

| Standard colour/ Standard Farbe | RAL number/ RAL Nummer | | Box quantity/ Verpackung |
|------------------------------------|---------------------------|---|--------------------------------|
| Grey/Grau | 7024 | Head and washer painted with polyester powder coating 40 micron Material C1018 with EPDM 2,5 mm bonded washer/ | All 250 pcs/ Alle 250 Stück |
| Black/Schwarz | 9011 | | |
| Red/Rot | 3009 | | |
| White/Weiß | 9010 | | |
| Light grey/Hellgrau | 7035 | | |
| Brickred/Backsteinrot | 8004 | | |
| Sand yellow/Sandfarben | 1002 | | |
| Oliver green/Oliv grün | 6003 | | |
| Brown/Braun | 8017 | | |
| Blue/Blau | 5007 | | |

MARUTEX®
Pan head/Linsenkopf
Stainless steel/Edelstahl

| Designation/ Bezeichnung | Dimension/ Maß d x L | Drill capacity/ Bohr kapazität mm | Environment class/ Ausstattungs-klasse | Article/ Artikel | Box quantity/ Verpackung | Price/Preis €/1000 pcs/St |
|-----------------------------|----------------------------|---|---|---------------------|-----------------------------|------------------------------|
| SD 11 | 3,5 x 9,5 | 2 | M3 | MARUSD1135009 | 1000/12000 | 288 |
| SE 11 | 4,2 x 9,5 | 2 | M3 | MARUSE1142009 | 1000/12000 | 432 |
| SE 12 | 4,2 x 13 | 2 | M3 | MARUSE1242013 | 1000/12000 | 462 |
| SE 13 | 4,2 x 13 | 3 | M3 | MARUSE1342013 | 1000/12000 | 498 |
| SE 14 | 4,2 x 16 | 2 | M3 | MARUSE1442016 | 1000/12000 | 558 |
| SE 15 | 4,2 x 16 | 3 | M3 | MARUSE1542016 | 1000/12000 | 522 |

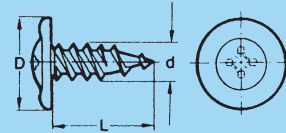
Order ex./Best. ex: MARUTEX SD11 3,5 x 9,5 Pan head
Article ex./Artikelnr ex.: MARUSD1106009
MARUTEX®
Hex flange/Flansch
Stainless steel/Edelstahl

| Designation/ Bezeichnung | Dimension/ Maß d x L | N | Drill capacity/ Bohr kapazität mm | Environment class/ Ausstattungs-klasse | Article/ Artikel | Box quantity/ Verpackung | Price/Preis €/1000 pcs/St |
|-----------------------------|----------------------------|-----|---|---|---------------------|-----------------------------|------------------------------|
| TG 12 | 4,2 x 13 | 6,3 | 2 | M3 | MARUTG1242013 | 1000/12000 | 450 |
| TG 13 | 4,2 x 13 | 6,3 | 3,5 | M3 | MARUTG1342013 | 1000/12000 | 450 |
| TG 14 | 4,2 x 16 | 6,3 | 2 | M3 | MARUTG1442016 | 1000/12000 | 588 |
| TG 15 | 4,2 x 16 | 6,3 | 3,5 | M3 | MARUTG1542016 | 1000/12000 | 564 |
| TH 12 | 4,8 x 16 | 8 | 4 | M3 | MARUTH1248016 | 1000/8000 | 588 |
| TH 13 | 4,8 x 19 | 8 | 4 | M3 | MARUTH1348019 | 1000/8000 | 624 |
| TH 14 | 4,8 x 25 | 8 | 4 | M3 | MARUTH1448025 | 1000/6000 | 744 |
| TH 16 | 4,8 x 40 | 8 | 4 | M3 | MARUTH1648040 | 500/3000 | 1296 |
| TK 12 | 5,5 x 20 | 8 | 4 | M3 | MARUTK1255020 | 250/3000 | 816 |
| TK 13 | 5,5 x 25 | 8 | 4 | M3 | MARUTK1355025 | 250/2000 | 1008 |

Order ex./Best. ex: MARUTEX TG12 4,2 x 13
Article ex./Artikelnr ex.: MARUTG1208013

Waferhead selftapping screw

Steel case harden zincplated



Sharp point for steel sheet max 0,9 mm and wood

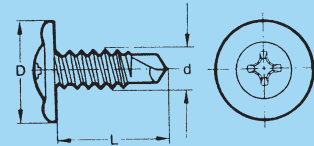
| d | L | D | Philips cross recess number / Philips kreuzschlitz Nummer | Article/ Artikel | Box quantity/ Verpackung | Price/Preis €/1000 pcs/St |
|-----|----|------|--|---------------------|-----------------------------|------------------------------|
| 4,2 | 14 | 10,5 | 2 | MONT420141 | 1000 | 69 |
| 4,2 | 19 | 10,5 | 2 | MONT420191 | 1000 | 90 |
| 4,2 | 25 | 10,5 | 2 | MONT420251 | 1000 | 93 |
| 4,2 | 32 | 10,5 | 2 | MONT420321 | 1000 | 95 |
| 4,2 | 45 | 10,5 | 2 | MONT420451 | 500 | 126 |
| 4,2 | 65 | 10,5 | 2 | MONT420651 | 500 | 273 |
| 4,2 | 73 | 10,5 | 2 | MONT420731 | 250 | 296 |

Order ex./Best. ex: Waferhead selftapping 4,2 x 14 Zincpl/verz

Article ex./Artikelnr ex.: MONT420141

Waferhead selfdrilling screw

Steel case harden zincplated



With drillpoint for steel max 2,5 mm

| d | L | D | Philips cross recess number / Philips kreuzschlitz Nummer | Article/ Artikel | Box quantity/ Verpackung | Price/Preis €/1000 pcs/St |
|-----|----|------|--|---------------------|-----------------------------|------------------------------|
| 4,2 | 14 | 10,5 | 2 | MONTB420141 | 1000 | 88 |
| 4,2 | 25 | 10,5 | 2 | MONTB420251 | 1000 | 110 |
| 4,2 | 32 | 10,5 | 2 | MONTB420321 | 1000 | 132 |
| 4,2 | 45 | 10,5 | 2 | MONTB420451 | 500 | 391 |

Order ex./Best. ex: Waferhead selfdrilling 4,2 x 14 Zincpl/verz

Article ex./Artikelnr ex.: MONTB420141

Frame anchor screw

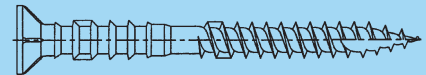


Unhardened for wood cross bar use with assembling window and doorframe

| d | L | Article/ Artikel | Box quantity/ Verpackung | Price/Preis €/1000 pcs/St |
|-----|-----|---------------------|-----------------------------|------------------------------|
| 7,0 | 50 | KARM70050T | 100 | 1023 |
| 7,0 | 70 | KARM70070T | 100 | 1237 |
| 7,0 | 70 | KARM70070TI | 600 | 1138 |
| 7,0 | 90 | KARM70090T | 100 | 1400 |
| 7,0 | 90 | KARM70090TI | 450 | 1320 |
| 7,0 | 120 | KARM70120T | 100 | 1501 |

Order ex./Best. ex: Frame anchor screw 7,0 x 70 for wood
Article ex.: KARM70070T

Frame screw with cut point type 17 + TX 25



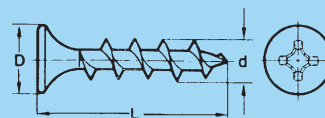
Steel zincplated
Assembling and adjustment of frames to indoors

| d | L | TORX 25 | Article/ Artikel | Box quantity/ Verpackung | Price/Preis €/1000 pcs/St |
|-----|-----|---------|---------------------|-----------------------------|------------------------------|
| 6,0 | 70 | 25 | KARM600701S | 100 | 231 |
| 6,0 | 90 | 25 | KARM600901S | 100 | 313 |
| 6,0 | 100 | 25 | KARM601001S | 100 | 380 |

Order ex./Best. ex: Frame screw Steel 6,0 x 70 ZP with cut point type 17+T x 25
Article ex./Artikelnr ex.: KARM600701S

Drywallscrew/ Schnellbauschrauben

For wood/Mit Grossgewinde fur Holz
Phosph/phosp Zinopl/verz

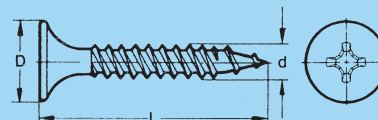


| Dimension/ Maß | Box quantity/ Verpackung | Article/Artikel Phosphated/phosphatiert | Price/Preis. €/1000 pcs/St | Article/Artikel Zinopl/verz | Price/Preis €/1000 pcs/St |
|-------------------|-----------------------------|--|-------------------------------|--------------------------------|------------------------------|
| 3,9 x 25 | 1000 | GIPS39025TF | 28 | GIPS39025T1 | 29 |
| 3,9 x 32 | 1000 | GIPS39032TF | 35 | GIPS39032T1 | 36 |
| 3,9 x 35 | 1000 | GIPS39035TF | 38 | GIPS39035T1 | 39 |
| 3,9 x 41 | 1000 | GIPS39041TF | 39 | GIPS39041T1 | 40 |
| 3,9 x 45 | 1000 | GIPS39045TF | 46 | GIPS39045T1 | 48 |

Order ex./Best. ex: Drywall screw for wood 3,9 x 25 phosphated/
Article ex./Artikelnr ex.: GIPS39025TF

Drywallscrew/ Schnellbauschrauben

For steel/Mit Feingewinde
Phosph/phosp Zinopl/verz



| Dimension/ Maß | Box quantity/ Verpackung | Article/Artikel Phosphated/phosphatiert | Price/Preis. €/1000 pcs/St | Article/Artikel Zinopl/verz | Price/Preis €/1000 pcs/St |
|-------------------|-----------------------------|--|-------------------------------|--------------------------------|------------------------------|
| 3,5 x 25 | 1000 | GIPS35025SF | 25 | GIPS35025S1 | 26 |
| 3,5 x 45 | 1000 | GIPS35045SF | 39 | GIPS35045S1 | 40 |
| 3,9 x 25 | 1000 | GIPS39025SF | 29 | GIPS39025S1 | 30 |
| 3,9 x 45 | 1000 | GIPS39045SF | 42 | GIPS39045S1 | 43 |

Order ex./Best. ex: Drywall screw for steel 3,9 x 25 phosphated/
Article ex./Artikelnr ex.: GIPS39025SF

Strip Belted drywallscrew for wood

Coarse thread zincplated
For assembling of plaster board to wood crossbar

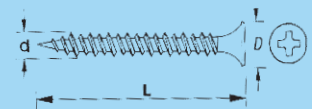


| d | L | D | PHILIPS | Article/ Number | Pieces/Box Box/outer cartons | Price/Preis €/1000 pcs/St |
|-----|----|-----|---------|--------------------|---------------------------------|------------------------------|
| 3,9 | 30 | 8,4 | 2 | GIPS39030T1B | 1000/6 | 56 |
| 3,9 | 41 | 8,4 | 2 | GIPS39041T1B | 1000/6 | 68 |
| 3,9 | 55 | 8,4 | 2 | GIPS39055T1B | 1000/6 | 86 |

Order ex.: Stripbelted drywallscrew 3,9 x 30 Zincpl/verz Bugle head PH2 coarse thread
Article ex.: GIPS39030T1B

Strip Belted drywallscrew for steel- and wood crossbar

HI-LOW thread zincplated
For assembling of plasterboard to steel crossbar max 0,7 mm
or wood crossbar

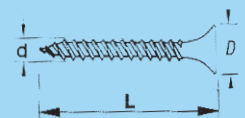


| d | L | D | PHILIPS | Article/ Number | Pieces/Box Box/outer cartons | Price/Preis €/1000 pcs/St |
|-----|----|-----|---------|--------------------|---------------------------------|------------------------------|
| 3,9 | 30 | 8,4 | 2 | GIPS39030K1B | 1000/10 | 65 |
| 3,9 | 40 | 8,4 | 2 | GIPS39040K1B | 1000/6 | 74 |
| 3,9 | 50 | 8,4 | 2 | GIPS39050K1B | 1000/6 | 85 |

Order ex.: Stripbelted drywallscrew 3,9 x 30 Zincpl/verz Bugle head PH2 HI-LOW thread
Article ex.: GIPS39030K1B

Strip Belted drywallscrew for steel crossbar

Fine thread zincplated
For assembling of plasterboard to steel crossbar max 0,7 mm

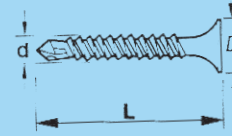


| d | L | D | PHILIPS | Article/ Number | Pieces/Box Box/outer cartons | Price/Preis €/1000 pcs/St |
|-----|----|-----|---------|--------------------|---------------------------------|------------------------------|
| 3,5 | 25 | 8,4 | 2 | GIPS35025S1B | 1000/10 | 53 |
| 3,5 | 38 | 8,4 | 2 | GIPS35038S1B | 1000/10 | 66 |

Order ex.: Stripbelted drywallscrew 3,5 x 25 Zincpl/verz
Article ex.: GIPS35025S1B

Strip Belted drywallscrew with drill point

Fine thread, zincplated
For assembling of plasterboard to steel crossbar 0,7-2,25 mm

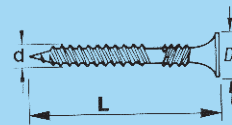


| d | L | D | PHILIPS | Article/ Number | Pieces/Box Box/outer cartons | Price/Preis €/1000 pcs/St |
|-----|----|-----|---------|--------------------|---------------------------------|------------------------------|
| 3,5 | 25 | 8,4 | 2 | GIPS35025B1B | 1000/10 | 60 |
| 3,5 | 40 | 8,4 | 2 | GIPS35040B1B | 1000/6 | 74 |

Order ex.: Stripbelted drywallscrew 3,5 x 25 Zincpl/verz Drill point for steel 0,7-2,25
Article ex.: GIPS35025B1B

Strip Belted drywallscrew with reversed thread

Fine thread + reversed thread, zincplated
For assembling of hard plasterboard to steel crossbar max 0,7 mm

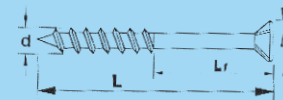


| d | L | D | PHILIPS | Article/ Number | Pieces/Box Box/outer cartons | Price/Preis €/1000 pcs/St |
|-----|----|-----|---------|--------------------|---------------------------------|------------------------------|
| 3,8 | 31 | 6,5 | 2 | GIPS38031H1B | 1000/10 | 66 |
| 3,8 | 41 | 6,5 | 2 | GIPS38041H1B | 1000/6 | 80 |

Order ex.: Stripbelted drywallscrew 3,8 x 31 Zincpl/verz Fine thread + reversed thread
Article ex.: GIPS38031H1B

Strip Belted particleboard screw

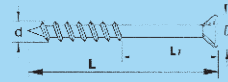
Coars thread type 17 slot, zincplated yellow
For assembling of particleboard to wood crossbar



| d | L | L1 | D | PHILIPS | Article/ Number | Pieces/Box Box/outer cartons | Price/Preis €/1000 pcs/St |
|-----|----|----|-----|---------|--------------------|---------------------------------|------------------------------|
| 4,2 | 35 | 12 | 7,4 | 2 | SPAN420353B | 1000/10 | 70 |
| 4,2 | 45 | 22 | 7,4 | 2 | SPAN420453B | 1000/6 | 98 |
| 4,2 | 55 | 22 | 7,4 | 2 | SPAN420553B | 1000/6 | 100 |

Order ex.: Stripbelted clipboard screw 4,2 x 35 YZP CSK head with ribs, type 17 slot
Article ex.: SPAN420353B

Outdoor wood screw stainless steel A2

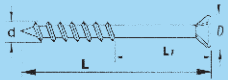


Coarse thread, torx 20, type 17 slot

| d | L | L1 | D | TORX | Article/Number | Pieces/Box | Price/Preis €/1000 pcs/St |
|-----|----|----|-----|------|----------------|------------|------------------------------|
| 4,2 | 42 | 22 | 7,4 | 20 | TRALLA242042 | 250 | 313 |
| 4,2 | 55 | 22 | 7,4 | 20 | TRALLA242055 | 250 | 346 |

Order ex.: Outdoor wood screw A2 4,2 x 42 Torx 20 + Type 17 slot
Article ex.: TRALLA242042

Outdoor wood screw

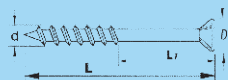


Coarse thread, torx 20, type 17 slot
 Plating Nano coating silver

| d | L | L1 | D | TORX | Article/ Number | Pieces/Box Box/outer cartons | Pieces/Box €/1000 pcs/St |
|-----|----|----|-----|------|--------------------|---------------------------------|-----------------------------|
| 4,2 | 30 | 12 | 7,4 | 20 | TRALL42030N | 250/6 | 106 |
| 4,2 | 42 | 18 | 7,4 | 20 | TRALL42042N | 250/6 | 132 |
| 4,2 | 55 | 22 | 7,4 | 20 | TRALL42055N | 250/6 | 150 |

Order ex.: Outdoor wood screw 4,2 x 30 Torx 20 + Type 17 slot + Nano coating
Article ex.: TRALL42030N

Strip Belted outdoor wood screw

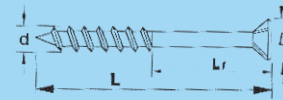


Coarse thread, Philips 2, type 17 slot
 Plating Nano coating silver

| d | L | L1 | D | PHILLIPS | Article/ Number | Pieces/Box Box/outer cartons | Pieces/Box €/1000 pcs/St |
|-----|----|----|-----|----------|--------------------|---------------------------------|-----------------------------|
| 4,2 | 42 | 18 | 7,4 | 2 | TRALL42042NB | 1000/6 | 125 |
| 4,2 | 55 | 22 | 7,4 | 2 | TRALL42055NB | 1000/6 | 149 |

Order ex.: Strip Belted outdoor wood screw 4,2 x 42 Type 17 slot + Nano coating
Article ex.: TRALL42042NB

Particleboardscrew/Fermacell schrauben

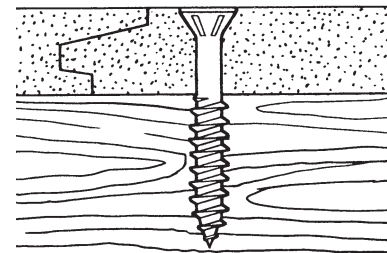


Zincpl/verz

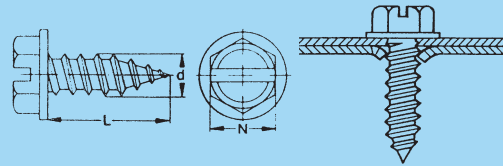
| d | L | L ₁ | D | Philips number | Article | Box quantity | Price €/1000 pcs/St |
|-----|----|----------------|---|----------------|------------|--------------|------------------------|
| 4,2 | 41 | 22 | 7 | 2 | SPAN420411 | 500 | 69 |
| 4,2 | 45 | 22 | 7 | 2 | SPAN420451 | 1000 | 70 |
| 4,2 | 51 | 22 | 7 | 2 | SPAN420511 | 500 | 75 |
| 4,2 | 55 | 22 | 7 | 2 | SPAN420551 | 1000 | 82 |

Order ex.: Particleboardscrew 4,2 x 55 ZP

Article ex.: SPAN420551



Selftappingscrew Tappingscrew for thin sheet



For thin sheet 2 x 0,7 mm with hexwasher head + slot/

| D | L | N | Article/ | Box quantity | Price €/1000 pcs/St |
|-----|-----|------|------------|--------------|------------------------|
| 4,2 | 9,5 | 6,35 | TUNN420091 | 1000 | 56 |
| 4,2 | 13 | 6,35 | TUNN420131 | 1000 | 59 |
| 4,2 | 19 | 6,35 | TUNN420191 | 1000 | 64 |
| 4,2 | 25 | 6,35 | TUNN420251 | 1000 | 78 |
| 4,2 | 32 | 6,35 | TUNN420321 | 500 | 367 |
| 4,2 | 38 | 6,35 | TUNN420381 | 500 | 409 |
| 4,2 | 50 | 6,35 | TUNN420501 | 500 | 496 |
| 4,2 | 75 | 6,35 | TUNN420751 | 250 | 758 |

Order ex.: Selftappingscrew 4,2 x 9,5 ZP, Hexwasher head + slot

Article ex.: TUNN420091

Wedge anchor/Keil Anker

Steel/Stahl
Zincpl/verz
HDG/Feuerverz



| Dimension | Thread length | Drill | Min assembling dept | Torque Nm | Max assembling /thickness | Box quantity/ | Price €/1000 pcs | |
|-----------|---------------|-------|---------------------|-----------|---------------------------|---------------|------------------|-------|
| | | | | | | | Zincpl | HDG |
| M6 x 40 | 18 | 6 | 30 | 7 | 2 | 200 | 1283 | 1767 |
| M6 x 65 | 28 | 6 | 40 | 7 | 18 | 150 | 1454 | 1995 |
| M6 x 100 | 28 | 6 | 40 | 7 | 53 | 100 | 1824 | 2223 |
| M8 x 50 | 21 | 8 | 40 | 20 | 2 | 100 | 1653 | 2109 |
| M8 x 75 | 31 | 8 | 40 | 20 | 26 | 50 | 1881 | 2423 |
| M8 x 90 | 31 | 8 | 40 | 20 | 40 | 50 | 2081 | 2594 |
| M8 x 115 | 31 | 8 | 40 | 20 | 66 | 50 | 2537 | 3135 |
| M8 x 150 | 31 | 8 | 40 | 20 | 101 | 25 | 3848 | 4503 |
| M10 x 55 | 26 | 10 | 40 | 35 | 2 | 50 | 2195 | 3050 |
| M10 x 80 | 39 | 10 | 40 | 35 | 27 | 50 | 2594 | 3477 |
| M10 x 100 | 39 | 10 | 40 | 35 | 47 | 25 | 3164 | 3734 |
| M10 x 125 | 39 | 10 | 40 | 35 | 72 | 25 | 3363 | 4076 |
| M10 x 160 | 41 | 10 | 40 | 35 | 107 | 25 | 4703 | 5643 |
| M12 x 70 | 31 | 12 | 50 | 55 | 2 | 25 | 3534 | 4247 |
| M12 x 100 | 46 | 12 | 50 | 55 | 34 | 25 | 3876 | 5102 |
| M12 x 140 | 46 | 12 | 50 | 55 | 74 | 25 | 4760 | 6726 |
| M16 x 100 | 55 | 16 | 75 | 100 | 2 | 10 | | 12540 |
| M16 x 150 | 55 | 16 | 100 | 100 | 28 | 10 | 10660 | 12940 |
| M16 x 200 | 55 | 16 | 100 | 100 | 78 | 10 | 11514 | |

Order ex.: Wedge anchor M6 x 40 ZP
Article ex.: EXP060401

Order ex.: Wedge anchor M6 x 40 HDG
Article ex.: EXP060402

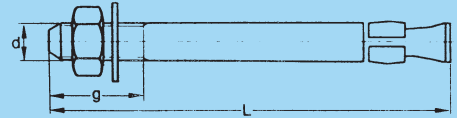
EU approved acc to Cert 11006720

Practical loading in KN

| Dimension | Assembling deep mm | Pull out force | | Shearforce | |
|-----------|--------------------|----------------|------|------------|------|
| | | Concrete | | Concrete | |
| | | K25 | K40 | K25 | K40 |
| M6 | 40 | 2,3 | 3,0 | 1,6 | 2,2 |
| | 50 | 3,2 | 4,0 | 2,2 | 2,8 |
| M8 | 40 | 2,0 | 2,9 | 2,0 | 2,5 |
| | 55 | 3,3 | 4,7 | 3,8 | 4,4 |
| M10 | 40 | 2,2 | 3,1 | 1,6 | 2,2 |
| | 60 | 4,0 | 5,6 | 5,7 | 6,5 |
| M12 | 50 | 3,1 | 4,4 | 2,2 | 3,0 |
| | 75 | 6,5 | 9,3 | 9,6 | 10,5 |
| M16 | 100 | 9,4 | 13,4 | 12,3 | 13,7 |
| M20 | 120 | 12,3 | 17,4 | 15,9 | 19,3 |

Wedge anchor/Keil Anker

Steel single clips/Stahl enkel Clips
 Yellow ZPL/Gelbverz
 HDG/Feuerverz



| Dimension | Thread length | Min assembling dept, mm | Max assembling thickness | Pull out force | Box quantity | Price €/1000 pcs | |
|-----------|---------------|-------------------------|--------------------------|----------------|--------------|---------------------|------|
| | | | | | | Yellow ZPL | HDG |
| M6 x 40 | 18 | 27 | 3 | 850 | 100 | 890 | 1230 |
| M6 x 55 | 25 | 35 | 15 | 850 | 100 | 1010 | 1390 |
| M6 x 70 | 25 | 35 | 30 | 850 | 100 | 1100 | 1530 |
| M6 x 95 | 25 | 35 | 55 | 850 | 100 | 1275 | 1590 |
| M8 x 50 | 25 | 35 | 10 | 1150 | 100 | 1120 | 1475 |
| M8 x 65 | 25 | 40 | 20 | 1150 | 100 | 1310 | |
| M8 x 80 | 25 | 40 | 35 | 1150 | 100 | 1390 | |
| M8 x 95 | 25 | 40 | 50 | 1150 | 100 | 1450 | |
| M8 x 120 | 25 | 40 | 75 | 1150 | 100 | 1770 | |
| M10 x 65 | 30 | 40 | 15 | 1500 | 50 | 1550 | |
| M10 x 80 | 30 | 50 | 20 | 1500 | 50 | 1810 | 2430 |
| M10 x 95 | 30 | 50 | 35 | 1500 | 50 | 2210 | 2610 |
| M10 x 115 | 30 | 50 | 55 | 1500 | 50 | 2350 | |
| M12 x 80 | 40 | 50 | 20 | 2300 | 50 | 2520 | |
| M12 x 100 | 40 | 60 | 30 | 2300 | 50 | 2710 | 3570 |
| M12 x 135 | 40 | 60 | 65 | 2300 | 50 | 3330 | |
| M16 x 105 | 60 | 70 | 15 | 3400 | 50 | 6300 | |

Order ex.: Wedgeanchor ONECLIPS M6 x 40 YZP
Article ex.: BUFEXP060403

Order ex.: Wedgeanchor ONECLIP M6 x 40 HDG
Article ex.: BUFEXP060402

Not type approved

Wedge anchor/Kiel Anker



Index
Zincpl/verz HDG/Feuerverz

| Dimension/ Maß | Drill | Min assembling dept | Max assembling thickness | Pull out force MAX KN C25 | Box quantity | Price €/1000 pcs | |
|-------------------|-------|------------------------|-----------------------------|------------------------------|-----------------|------------------|------|
| | | | | | | Zincpl | HDG |
| M6 x 45 | 6,0 | 35 | 1 | 2,5 | 200 | 560 | 850 |
| M6 x 70 | 6,0 | 50 | 11 | 3,6 | 200 | 740 | 1100 |
| M6 x 100 | 6,0 | 50 | 41 | 3,6 | 200 | 890 | 1750 |
| M8 x 50 | 8,0 | 35 | 4 | 1,6 | 100 | 790 | 1100 |
| M8 x 75 | 8,0 | 60 | 4 | 4,8 | 100 | 900 | 1450 |
| M8 x 115 | 8,0 | 60 | 44 | 4,8 | 100 | 1100 | 1800 |
| M10 x 70 | 10,0 | 52 | 5 | 3,7 | 100 | 1250 | 1800 |
| M10 x 90 | 10,0 | 67 | 10 | 6,0 | 100 | 1550 | 2100 |
| M10 x 120 | 10,0 | 67 | 40 | 6,0 | 50 | 1700 | 2500 |
| M10 x 170 | 10,0 | 67 | 90 | 6,0 | 50 | 2400 | 3400 |
| M12 x 75 | 12,0 | 55 | 5 | 5,0 | 50 | 1750 | 2600 |
| M12 x 110 | 12,0 | 77 | 18 | 9,3 | 50 | 2100 | 3150 |
| M12 x 180 | 12,0 | 77 | 88 | 9,3 | 50 | 3200 | 4400 |
| M16 x 125 | 16,0 | 104 | 110 | 14,0 | 25 | 4500 | 6500 |
| M16 x 220 | 16,0 | 104 | 97 | 14,0 | 25 | 6900 | 9400 |

Order ex.: Wedge Anchor M6 x 75 Zincpl/verz
Article ex.: EXP060451MTA

EU approved acc to Cert 11006720

Nylonplug/Kunststoff Dübel



| Dimension | Drill | Screw size | Colour | Article | Box quantity | Price €/1000 pcs |
|-----------|-------|------------|-------------|------------|--------------|---------------------|
| 5 x 25 | 5,0 | 3,0 - 5,0 | Yellow/Gelp | PLUGG05025 | 1000 | 48 |
| 5,5 x 35 | 5,5 | 3,0 - 5,0 | Red/Rot | PLUGG05035 | 1000 | 54 |
| 8 x 40 | 8,0 | 4,5 - 6,0 | Brown/Braun | PLUGG08040 | 500 | 69 |
| 10 x 50 | 10,0 | 4,5 - 7,0 | Blue/Blau | PLUGG10050 | 100 | 135 |

Order ex.: Nylonplug 5 x 25

Can be supplied in bulkpack

Article ex.: PLUGG05025

Fischer- S plug/Fischer-S Dübel



Allroundplug material nylon

| Dimension | Drill | Drill deep | Screw-size | Article | Box quantity | Price €/1000 pcs |
|-----------|-------|------------|------------|---------------|--------------|---------------------|
| 4 x 20 | 4 | 25 | 2 - 3 | PLUGG04020FIS | 100 | 137 |
| 5 x 25 | 5 | 35 | 3 - 4 | PLUGG05025FIS | 100 | 149 |
| 6 x 30 | 6 | 40 | 4 - 5 | PLUGG06030FIS | 100 | 240 |
| 8 x 40 | 8 | 55 | 4,5 - 6 | PLUGG08040FIS | 100 | 337 |
| 10 x 50 | 10 | 70 | 8 - 8 | PLUGG10050FIS | 50 | 684 |
| 12 x 60 | 12 | 80 | 8 - 10 | PLUGG12060FIS | 25 | 1026 |
| 14 x 75 | 14 | 90 | 10 - 12 | PLUGG14075FIS | 20 | 1881 |
| 16 x 80 | 16 | 100 | 12 - 14 | PLUGG16080FIS | 10 | 2480 |
| 20 x 90 | 20 | 120 | 16 | PLUGG20090FIS | 5 | 5130 |

Order ex.: Fischer- S plug 40 x 20

Article ex.: PLUGG04020FIS

ANVÄNDNINGSMRÅDE

Fischer S-plugg och FU-plugg för montage i de flesta material: betong, lättbetong, håltegel, massivtegel. FU-pluggen passare dessutom för infästning i skivor.

BESKRIVNING

Genom sin utformning ger pluggarna möjlighet till riktad expansion samt hög drag- och tryckhållfasthet. Bibehållna materialegenskaper vid temperaturer från -40 °C till + 80 °C. Pluggarna är tillverkade i nylon.

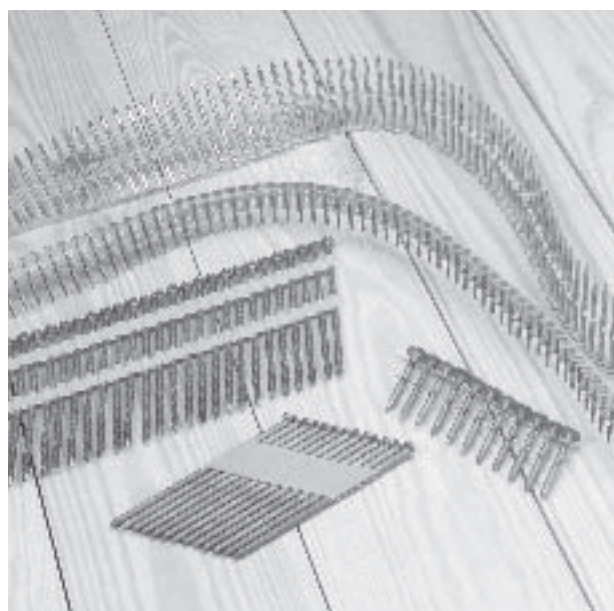
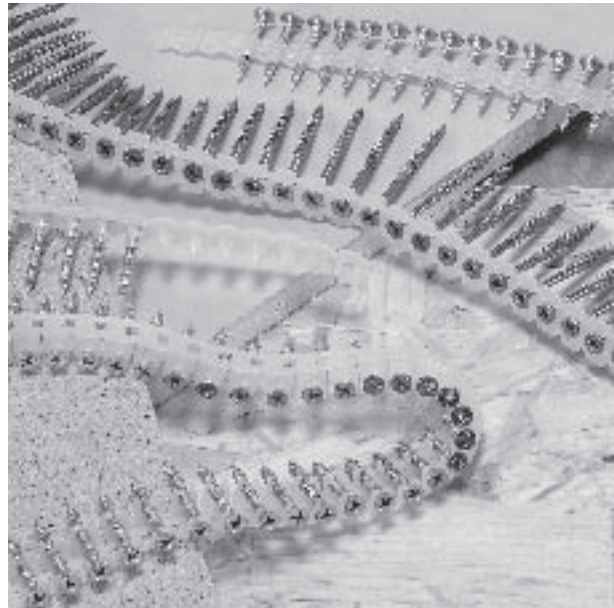


Practical loading in KN

| Material/Material | S4 | S5 | S6 | S7 | S8 | S10 | S12 | S14 | S16 | S20 |
|-------------------|------|------|------|------|-----|------|-----|-----|-----|-----|
| Concrete/Beton | 0,2 | 0,4 | 0,6 | 0,8 | 1,0 | 1,8 | 3,0 | 3,6 | 4,7 | 5,8 |
| (Quality 450) | 0,03 | 0,04 | 0,06 | 0,08 | 0,1 | 0,15 | 0,2 | 0,4 | 0,5 | 0,7 |
| Holebrick | 0,2 | 0,4 | 0,6 | 0,9 | 1,0 | 1,4 | 1,5 | - | - | - |
| For brick | 0,2 | 0,4 | 0,6 | 0,9 | 1,0 | 1,4 | 1,5 | - | - | - |

FASTENERS AND FITTINGS FOR CONSTRUCTION

The assortment which is presented in this chapter of the catalogue is a selection of our total range and capacity, please contact us for a more detailed presentation or alternatively send us your inquiry.



**Can't you find the fasteners or the fittings you require?
– contact your local BUFAB-company!**