

PRODUCT RANGE OVERVIEW

ASSY[®] SCREWS

DIMENSIONS / ITEM NUMBER



**BEST QUALITY
SCREW FOR SCREW**

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NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS VG

- High load-bearing capacities
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- No tightening effect
- Shear, tensile and pressure loads
- Galvanised steel
- Utilisation classes 1 and 2



| Ø 6mm | | Ø 8mm | |
|---------------------|---------------------------------|---------------------|---------------------------------|
| Cylinder head | Countersunk milling pocket head | Cylinder head | Countersunk milling pocket head |
| Steel | | | |
| Yellow galv. | Blue galvanised | Yellow galv. | Blue galvanised |
| Full thread | | | |

| Length in mm | Ø 6mm | | Ø 8mm | |
|--------------|--------------|-----------------|--------------|-----------------|
| | Yellow galv. | Blue galvanised | Yellow galv. | Blue galvanised |
| 80 | 0165 36 80 | 0165 36 82 | 0165 46 80 | |
| 100 | 0165 36 100 | 0165 36 102 | 0165 46 100 | |
| 120 | 0165 36 120 | 0165 36 122 | 0165 46 120 | 0165 38 120 |
| 140 | 0165 36 140 | 0165 36 142 | 0165 46 140 | 0165 38 140 |
| 160 | 0165 36 160 | 0165 36 162 | 0165 46 160 | 0165 38 160 |
| 180 | 0165 36 180 | 0165 36 182 | 0165 46 180 | 0165 38 180 |
| 200 | 0165 36 200 | 0165 36 202 | 0165 46 200 | 0165 38 200 |
| 220 | 0165 36 220 | 0165 36 222 | | 0165 38 220 |
| 240 | 0165 36 240 | 0165 36 242 | | 0165 38 240 |
| 260 | 0165 36 260 | 0165 36 262 | | 0165 38 260 |
| 280 | | | | 0165 38 280 |
| 300 | | | | 0165 38 300 |
| 320 | | | | |
| 330 | | | | 0165 38 330 |
| 340 | | | | |
| 360 | | | | 0165 38 362 |
| 380 | | | | 0165 38 380 |
| 400 | | | | 0165 38 402 |
| 430 | | | | 0165 38 430 |
| 450 | | | | 0165 38 452 |
| 480 | | | | 0165 38 480 |
| 530 | | | | 0165 38 530 |
| 580 | | | | 0165 38 580 |
| 600 | | | | |
| 650 | | | | |
| 700 | | | | |
| 750 | | | | |
| 800 | | | | |
| 850 | | | | |
| 900 | | | | |
| 950 | | | | |
| 1000 | | | | |
| 1050 | | | | |
| 1100 | | | | |
| 1200 | | | | |
| 1300 | | | | |
| 1400 | | | | |
| 1500 | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS VG

- High load-bearing capacities
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- No tightening effect
- Shear, tensile and pressure loads
- Galvanised steel
- Utilisation classes 1 and 2



| Ø 10mm | | Ø 12mm | | Ø 14mm | |
|---------------------|--|------------------------|---------------------------------|--------|--|
| Cylinder head | | Countersunk head | Countersunk milling pocket head | E12 | |
| Steel | | | | | |
| Yellow galv. | | Blue galvanized | | | |
| Full thread | | | | | |

| Length in mm | Ø 10mm | | Ø 12mm | | Ø 14mm | |
|--------------|---------------|------------------|---------------------------------|--------------|--------------|--|
| | Cylinder head | Countersunk head | Countersunk milling pocket head | E12 | | |
| 80 | | | | | | |
| 100 | | | | | | |
| 120 | 0165 310 120 | 0165 310 122 | 0165 410 120 | 0165 412 120 | | |
| 140 | 0165 310 140 | 0165 310 142 | 0165 410 140 | 0165 412 140 | | |
| 160 | 0165 310 160 | 0165 310 162 | 0165 410 160 | 0165 412 160 | | |
| 180 | 0165 310 180 | 0165 310 182 | 0165 410 180 | 0165 412 180 | | |
| 200 | 0165 310 200 | 0165 310 202 | 0165 410 200 | 0165 412 200 | | |
| 220 | 0165 310 220 | 0165 310 222 | 0165 410 220 | 0165 412 220 | | |
| 240 | 0165 310 240 | 0165 310 242 | 0165 410 240 | 0165 412 240 | | |
| 260 | 0165 310 260 | 0165 310 262 | 0165 410 260 | 0165 412 260 | | |
| 280 | 0165 310 280 | 0165 310 282 | 0165 410 280 | 0165 412 280 | | |
| 300 | 0165 310 300 | 0165 310 302 | 0165 410 300 | 0165 412 300 | | |
| 320 | 0165 310 320 | 0165 310 322 | 0165 410 320 | 0165 412 320 | | |
| 330 | | | | | | |
| 340 | 0165 310 340 | 0165 310 342 | 0165 410 340 | 0165 412 340 | | |
| 360 | 0165 310 360 | 0165 310 362 | 0165 410 360 | 0165 412 360 | | |
| 380 | 0165 310 380 | 0165 310 382 | 0165 410 380 | 0165 412 380 | | |
| 400 | 0165 310 400 | 0165 310 402 | 0165 410 400 | 0165 412 400 | | |
| 430 | 0165 310 430 | 0165 310 432 | 0165 410 430 | 0165 412 430 | | |
| 450 | | 0165 310 452 | 0165 410 450 | | | |
| 480 | 0165 310 480 | 0165 310 482 | 0165 410 480 | 0165 412 480 | | |
| 530 | 0165 310 530 | 0165 310 532 | 0165 410 530 | | | |
| 580 | 0165 310 580 | 0165 310 582 | 0165 410 580 | | | |
| 600 | | | | 0165 412 600 | | |
| 650 | 0165 310 650 | 0165 310 652 | 0165 410 650 | | | |
| 700 | 0165 310 700 | 0165 310 702 | 0165 410 700 | | | |
| 750 | 0165 310 750 | 0165 310 752 | 0165 410 750 | | | |
| 800 | 0165 310 800 | 0165 310 802 | 0165 410 800 | | 0165 314 800 | |
| 850 | | | | | 0165 314 850 | |
| 900 | | | | | 0165 314 900 | |
| 950 | | | | | 0165 314 950 | |
| 1000 | | | | | 0165 314 100 | |
| 1050 | | | | | 0165 314 105 | |
| 1100 | | | | | 0165 314 110 | |
| 1200 | | | | | 0165 314 120 | |
| 1300 | | | | | 0165 314 130 | |
| 1400 | | | | | 0165 314 140 | |
| 1500 | | | | | 0165 314 150 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS VG COMBI

- High load-bearing capacities
- Custom-fit wood-steel connections due to reinforced shaft
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- Galvanised steel
- Utilisation classes 1 and 2

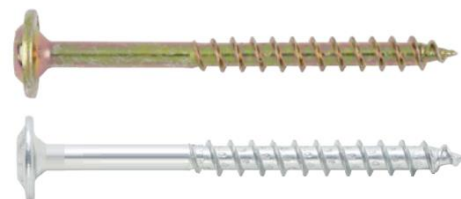


| | ∅ 6mm | ∅ 8mm | ∅ 10mm | ∅ 12mm | |
|--------------|--|--------------|--------------|--------------|--------------|
| | Hexagon head with integrated AW Drive | | | | |
| | Steel | | | | |
| | Blue galvanized | | | | |
| | Full thread | | | | |
| Length in mm | 30 | | | | |
| | 40 | | | | |
| | 50 | | | | |
| | 60 | | | | |
| | 70 | | | | |
| | 80 | 0165 301 608 | 0165 301 808 | | |
| | 90 | | | | |
| | 100 | 0165 301 610 | 0165 301 810 | 0165 301 010 | |
| | 110 | | | | |
| | 120 | | 0165 301 812 | 0165 301 012 | 0165 301 212 |
| | 140 | | | 0165 301 014 | 0165 301 214 |
| | 160 | | | 0165 301 016 | 0165 301 216 |
| | 180 | | | | |
| | 200 | | | | |
| | 220 | | | | |
| | 240 | | | | |
| | 260 | | | | |
| | 280 | | | | |
| | 300 | | | | |
| | 320 | | | | |
| | 340 | | | | |
| | 360 | | | | |
| | 380 | | | | |
| | 400 | | | | |
| | 420 | | | | |
| | 440 | | | | |
| 460 | | | | | |
| 480 | | | | | |
| 500 | | | | | |
| 520 | | | | | |
| 540 | | | | | |
| 560 | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 SK

- Strong tightening effect due to large washer head
- High load-bearing capacities
- Ensures a fast bite and prevents splitting
- For tensile and shear loads
- Galvanised steel
- Utilisation classes 1 and 2



| | | Ø 5mm | | Ø 6mm | | | Ø 8mm | | |
|--------------|-----|----------------|--------------|----------------|-----------------|--------------|----------------|--------------|--|
| | | Washer head | | | | | | | |
| | | Steel | | | | | | | |
| | | Yellow galv. | Blue galv. | Yellow galv. | Blue galvanized | | Yellow galv. | Blue galv. | |
| | | Partial thread | | Partial thread | | Full thread | Partial thread | | |
| Length in mm | 30 | 0184 805 30 | 0184 005 30 | | | 0184 006 30 | | | |
| | 35 | | 0184 005 35 | | | 0184 006 35 | | | |
| | 40 | 0184 805 40 | 0184 005 40 | | | 0184 006 40 | | | |
| | 45 | | 0184 005 45 | | | 0184 006 45 | | | |
| | 50 | 0184 805 50 | 0184 005 50 | | | 0184 006 50 | | | |
| | 60 | 0184 805 60 | 0184 005 60 | 0184 806 60 | 0184 006 60 | | 0184 808 60 | 0184 008 60 | |
| | 70 | 0184 805 70 | 0184 005 70 | 0184 806 70 | 0184 006 70 | | | | |
| | 80 | 0184 805 80 | 0184 005 80 | 0184 806 80 | 0184 006 80 | | 0184 808 80 | 0184 008 80 | |
| | 90 | 0184 805 90 | 0184 005 90 | 0184 806 90 | 0184 006 90 | | | | |
| | 100 | 0184 805 100 | 0184 005 100 | 0184 806 100 | 0184 006 100 | | 0184 808 100 | 0184 008 100 | |
| | 110 | 0184 805 110 | 0184 005 110 | 0184 806 110 | 0184 006 110 | | | | |
| | 120 | 0184 805 120 | 0184 005 120 | 0184 806 120 | 0184 006 120 | | 0184 808 120 | 0184 008 120 | |
| | 140 | | | 0184 806 140 | 0184 006 140 | | 0184 808 140 | 0184 008 140 | |
| | 160 | | | 0184 806 160 | 0184 006 160 | | 0184 808 160 | 0184 008 160 | |
| | 180 | | | 0184 806 180 | 0184 006 180 | | 0184 808 180 | 0184 008 180 | |
| | 200 | | | 0184 806 200 | 0184 006 200 | | 0184 808 200 | 0184 008 200 | |
| | 220 | | | 0184 806 220 | 0184 006 220 | | 0184 808 220 | 0184 008 220 | |
| | 240 | | | 0184 806 240 | 0184 006 240 | | 0184 808 240 | 0184 008 240 | |
| | 260 | | | 0184 806 260 | 0184 006 260 | | 0184 808 260 | 0184 008 260 | |
| | 280 | | | 0184 806 280 | 0184 006 280 | | 0184 808 280 | 0184 008 280 | |
| | 300 | | | 0184 806 300 | 0184 006 300 | | 0184 808 300 | 0184 008 300 | |
| | 320 | | | | | | 0184 808 320 | 0184 008 320 | |
| | 340 | | | | | | 0184 808 340 | 0184 008 340 | |
| | 360 | | | | | | 0184 808 360 | 0184 008 360 | |
| | 380 | | | | | | 0184 808 380 | 0184 008 380 | |
| | 400 | | | | | | 0184 808 400 | 0184 008 400 | |
| | 420 | | | | | | 0184 808 420 | 0184 008 420 | |
| | 440 | | | | | | 0184 808 440 | 0184 008 440 | |
| 460 | | | | | | 0184 808 460 | 0184 008 460 | | |
| 480 | | | | | | 0184 808 480 | 0184 008 480 | | |
| 500 | | | | | | 0184 808 500 | 0184 008 500 | | |
| 520 | | | | | | 0184 808 520 | 0184 008 520 | | |
| 540 | | | | | | 0184 808 540 | 0184 008 540 | | |
| 560 | | | | | | 0184 808 560 | 0184 008 560 | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 SK

- Strong tightening effect due to large washer head
- High load-bearing capacities
- Ensures a fast bite and prevents splitting
- For tensile and shear loads
- Galvanised steel
- Utilisation classes 1 and 2



| | | Ø 8mm | Ø 10mm | | Ø 12mm | |
|--------------|-----|-------------|----------------|--------------|--------------|--------------|
| | | Washer head | | | | |
| | | Steel | | | | |
| | | Blue galv. | Yellow galv. | Blue galv. | Yellow galv. | Blue galv. |
| | | Full thread | Partial thread | | | |
| Length in mm | 30 | | | | | |
| | 35 | | | | | |
| | 40 | 0184 008 40 | | | | |
| | 45 | | | | | |
| | 50 | 0184 008 50 | | | | |
| | 60 | | | | | |
| | 70 | | | | | |
| | 80 | | | | 0184 010 80 | |
| | 90 | | | | | |
| | 100 | | | 0184 810 100 | 0184 010 100 | |
| | 110 | | | | | |
| | 120 | | | 0184 810 120 | 0184 010 120 | |
| | 140 | | | 0184 810 140 | 0184 010 140 | |
| | 160 | | | 0184 810 160 | 0184 010 160 | |
| | 180 | | | 0184 810 180 | 0184 010 180 | |
| | 200 | | | 0184 810 200 | 0184 010 200 | 0184 812 200 |
| | 220 | | | 0184 810 220 | 0184 010 220 | 0184 812 220 |
| | 240 | | | 0184 810 240 | 0184 010 240 | 0184 812 240 |
| | 260 | | | 0184 810 260 | 0184 010 260 | 0184 812 260 |
| | 280 | | | 0184 810 280 | 0184 010 280 | 0184 812 280 |
| | 300 | | | 0184 810 300 | 0184 010 300 | 0184 812 300 |
| | 320 | | | 0184 810 320 | 0184 010 320 | 0184 812 320 |
| | 340 | | | 0184 810 340 | 0184 010 340 | 0184 812 340 |
| | 360 | | | 0184 810 360 | 0184 010 360 | 0184 812 360 |
| | 380 | | | 0184 810 380 | 0184 010 380 | 0184 812 380 |
| | 400 | | | 0184 810 400 | 0184 010 400 | 0184 812 400 |
| | 420 | | | 0184 810 420 | 0184 010 420 | |
| | 440 | | | 0184 810 440 | 0184 010 440 | 0184 812 440 |
| 460 | | | 0184 810 460 | 0184 010 460 | | |
| 480 | | | 0184 810 480 | 0184 010 480 | 0184 812 480 | |
| 500 | | | 0184 810 500 | 0184 010 500 | | |
| 520 | | | | | 0184 812 520 | |
| 540 | | | | | | |
| 560 | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 SK II

- Strong tightening effect due to stepped washer head
- head.
- Transmits high forces, but can be countersunk
- Screw head is flush with the surface of the wood
- Blue galvanized steel
- Utilisation classes 1 and 2

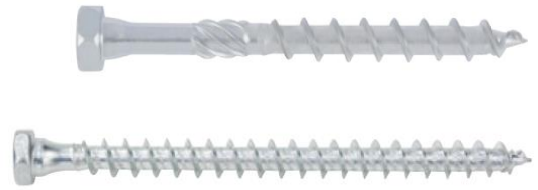


| | | Ø 8mm |
|--------------|-----|---------------------|
| | | Stepped washer head |
| | | Steel |
| | | Blue galvanized |
| | | Partial thread |
| Length in mm | 30 | |
| | 40 | |
| | 50 | |
| | 60 | |
| | 70 | |
| | 80 | 0184 808 008 |
| | 90 | |
| | 100 | 0184 808 010 |
| | 110 | |
| | 120 | 0184 808 012 |
| | 140 | 0184 808 014 |
| | 160 | 0184 808 016 |
| | 180 | 0184 808 018 |
| | 200 | 0184 808 020 |
| | 220 | 0184 808 022 |
| | 240 | 0184 808 024 |
| | 260 | 0184 808 026 |
| | 280 | 0184 808 028 |
| | 300 | 0184 808 030 |
| | 320 | 0184 808 032 |
| | 340 | 0184 808 034 |
| | 360 | 0184 808 036 |
| | 380 | 0184 808 038 |
| | 400 | 0184 808 040 |
| 420 | | |
| 440 | | |
| 460 | | |
| 480 | | |
| 500 | | |
| 520 | | |
| 540 | | |
| 560 | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 COMBI AND TRANSPORT ANCHOR SCREW

- Strong tightening effect when combined with U-washer
- Custom-fit wood-steel connections due to reinforced shaft
- High load-bearing capacities
- Ensures a fast bite and prevents splitting
- For tensile and shear loads
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | ∅ 6mm | ∅ 8mm | ∅ 10mm | ∅ 12mm | | |
|---------------------------------------|-----|----------------|--------------|------------------|----------------|------------------|--------------|
| Hexagon head with integrated AW drive | | | | | | | |
| Steel | | | | | | | |
| Blue galvanized | | | | | | | |
| | | Partial thread | | Transport anchor | Partial thread | Transport anchor | |
| Length in mm | 40 | 0184 206 40* | 0184 208 40 | | | | |
| | 50 | 0184 206 50* | 0184 208 50 | | | | |
| | 60 | 0184 206 60* | 0184 208 60 | 0184 208 60* | | | |
| | 70 | 0184 206 70* | 0184 208 70 | 0184 210 70* | | | |
| | 80 | 0184 206 80 | 0184 208 80 | 0184 210 80 | | 0184 212 80 | |
| | 90 | | | | 0184 210 91 | | |
| | 100 | | 0184 208 100 | 0184 210 100 | | 0184 212 100 | |
| | 110 | | | | | | |
| | 120 | | 0184 208 120 | 0184 210 120 | | 0184 212 120 | 0184 212 121 |
| | 140 | | 0184 208 140 | 0184 210 140 | | 0184 212 140 | |
| | 160 | | 0184 208 160 | 0184 210 160 | | 0184 212 160 | 0184 212 161 |
| | 180 | | 0184 208 180 | 0184 210 180 | 0184 210 181 | 0184 212 180 | 0184 212 181 |
| | 200 | | 0184 208 200 | 0184 210 200 | | 0184 212 200 | |
| | 220 | | 0184 208 220 | 0184 210 220 | | 0184 212 220 | |
| | 240 | | 0184 208 240 | 0184 210 240 | | 0184 212 240 | |
| | 260 | | 0184 208 260 | 0184 210 260 | | 0184 212 260 | |
| | 280 | | 0184 208 280 | 0184 210 280 | | 0184 212 280 | |
| | 300 | | 0184 208 300 | 0184 210 300 | | 0184 212 300 | |
| | 320 | | | 0184 210 320 | | 0184 212 320 | |
| | 340 | | | 0184 210 340 | | 0184 212 340 | |
| 360 | | | 0184 210 360 | | 0184 212 360 | | |
| 380 | | | 0184 210 380 | | 0184 212 380 | | |
| 400 | | | 0184 210 400 | | 0184 212 400 | | |
| 440 | | | | | 0184 212 440 | | |
| 480 | | | | | 0184 212 480 | | |

* Available from 3/2019

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® ISOTOP

- For softer and pressure-resistant over-rafter insulations or facades
 - Double thread to maintain accurate spacing
 - Ensures a fast bite and prevents splitting
 - It is recommended to pre-drill dry counter battens
 - Steel, yellow galvanised
- Utilisation classes 1 and 2



| | | Ø 8 /10mm | |
|--------------|-----|-------------------|-----------------|
| | | Steel | |
| | | Yellow galvanised | Blue galvanised |
| | | Double thread | |
| Length in mm | 210 | 0164 280 210 | 0164 180 210 |
| | 230 | 0164 280 230 | 0164 180 230 |
| | 250 | 0164 280 250 | 0164 180 250 |
| | 270 | 0164 280 270 | 0164 180 270 |
| | 300 | 0164 280 300 | 0164 180 300 |
| | 330 | 0164 280 330 | 0164 180 330 |
| | 360 | 0164 280 360 | 0164 180 360 |
| | 400 | 0164 280 400 | 0164 180 400 |
| | 440 | | 0164 180 440 |
| | 480 | | 0164 180 480 |

ASSY® 3.0 JOIST HANGER SCREW

- Designed specifically to fasten sheet metal parts to wood
- High load-bearing capacities, even in hardwood
- Precise fit due to reinforced shaft
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | Ø 5.0mm |
|--------------|----|-----------------------|
| | | Blue galvanised steel |
| | | Partial thread |
| Length in mm | 25 | 0153 350 25 |
| | 30 | |
| | 35 | 0153 350 35 |
| | 40 | 0153 350 40 |
| | 45 | |
| | 50 | 0153 350 50 |
| | 55 | |
| | 60 | 0153 350 60 |
| | 70 | 0153 350 70 |
| | 80 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 GATE HINGE SCREW

- Designed specifically to fasten gate hinges
- Precise fit due to reinforced shaft
- High load-bearing capacities
- Black galvanised steel, zinc-nickel top coat (P3R)
- Do not use in woods with high levels of tannic acids in wet conditions



| | | |
|---------------------|-----------|---------------------------|
| | | Ø 6.0mm |
| | | Gate hinge head |
| | | Steel |
| | | Zinc-nickel, black |
| | | Full thread |
| Length in mm | 30 | 0167 960 30 |
| | 35 | 0167 960 35 |
| | 40 | 0167 960 40 |
| | 50 | 0167 960 50 |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 ZINC NICKEL

- Multi-purpose screw for timber-frame and modular construction
- High corrosion resistance against atmospheric salinity
- Prevents splitting due to mating thread at the screw tip
- Ensures a fast bite and low tightening torque
- Steel, zinc-nickel
- Utilisation classes 1 and 2

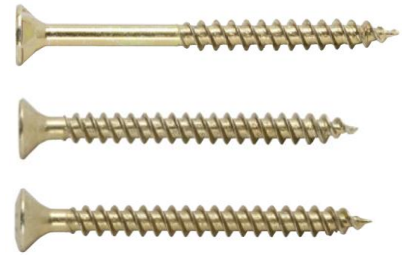


| | | ∅ 4.5mm | ∅ 5.0mm | ∅ 6.0mm | ∅ 8.0mm |
|--------------|-----|--|--------------|--------------|--------------|
| | | Countersunk milling pocket head | | | |
| | | Steel | | | |
| | | Zinc-nickel | | | |
| | | Partial thread | | | |
| Length in mm | 10 | | | | |
| | 12 | | | | |
| | 13 | | | | |
| | 15 | | | | |
| | 16 | | | | |
| | 17 | | | | |
| | 20 | | | | |
| | 25 | | | | |
| | 30 | | 0170 850 30 | | |
| | 35 | | 0170 850 35 | | |
| | 40 | 0170 845 40 | 0170 850 40 | 0170 860 40 | |
| | 45 | 0170 845 45 | 0170 850 45 | | |
| | 50 | 0170 845 50 | 0170 850 50 | 0170 860 50 | |
| | 55 | | 0170 850 55 | | |
| | 60 | 0170 845 60 | 0170 850 60 | 0170 860 60 | |
| | 70 | 0170 845 70 | 0170 850 70 | 0170 860 70 | |
| | 80 | 0170 845 80 | 0170 850 80 | 0170 860 80 | 0170 880 80 |
| | 90 | | 0170 850 90 | 0170 860 90 | |
| | 100 | | 0170 850 100 | 0170 860 100 | 0170 880 100 |
| | 110 | | 0170 850 110 | 0170 860 110 | |
| | 120 | | 0170 850 120 | 0170 860 120 | 0170 880 120 |
| | 130 | | | 0170 860 130 | |
| | 140 | | | 0170 860 140 | 0170 880 140 |
| | 150 | | | 0170 860 150 | |
| | 160 | | | 0170 860 160 | 0170 880 160 |
| | 180 | | | 0170 860 180 | 0170 880 180 |
| | 200 | | | 0170 860 200 | 0170 880 200 |
| | 220 | | | 0170 860 220 | 0170 880 220 |
| 240 | | | 0170 860 240 | 0170 880 240 | |
| 260 | | | 0170 860 260 | 0170 880 260 | |
| 280 | | | 0170 860 280 | 0170 880 280 | |
| 300 | | | 0170 860 300 | 0170 880 300 | |
| 320 | | | | 0170 880 320 | |
| 340 | | | | 0170 880 340 | |
| 360 | | | | 0170 880 360 | |
| 380 | | | | 0170 880 380 | |
| 400 | | | | 0170 880 400 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 YELLOW GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Steel, yellow galvanised
- Utilisation classes 1 and 2



| Ø 3.0mm | | | Ø 3.5mm | | | Ø 4.0mm | | |
|---------------------------------|-------------------|--------------------------|---------------------------------|------------------|-------------------------|---------------------------------|-------------------|-------------------------|
| Countersunk milling pocket head | Counter-sunk head | Raised counter-sunk head | Countersunk milling pocket head | Countersunk head | Raised countersunk head | Countersunk milling pocket head | Counter-sunk head | Raised countersunk head |

Steel, yellow galvanised

| Partial thread | | Full thread | | Partial thread | | Full thread | | Partial thread | | Full thread | |
|----------------|--|-------------|--|----------------|--|-------------|--|----------------|--|-------------|--|
|----------------|--|-------------|--|----------------|--|-------------|--|----------------|--|-------------|--|

| Length in mm | Ø 3.0mm | | Ø 3.5mm | | Ø 4.0mm | | Ø 3.0mm | | Ø 3.5mm | | Ø 4.0mm | |
|--------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|
| | Partial thread | Full thread | Partial thread | Full thread | Partial thread | Full thread | Partial thread | Full thread | Partial thread | Full thread | Partial thread | Full thread |
| 10 | | 0170 230 10 | | | | | | | | | | |
| 12 | | 0170 230 12 | | | | 0170 235 12 | | | | | 0170 240 12 | |
| 13 | | 0170 230 13 | | | | | | | | | | |
| 15 | | 0170 230 15 | | | | 0170 235 15 | | | | | 0170 240 15 | |
| 16 | | 0170 230 16 | | | | 0170 235 16 | | | | | 0170 240 16 | |
| 17 | | 0170 230 17 | | | | 0170 235 17 | | | | | 0170 240 17 | |
| 20 | 0170 330 20 | 0170 230 20 | | 0170 335 20 | 0170 235 20 | | | | 0170 340 20 | 0170 240 20 | | |
| 25 | 0170 330 25 | 0170 230 25 | | 0170 335 25 | 0170 235 25 | 0154 235 25 | | | 0170 340 25 | 0170 240 25 | | |
| 30 | 0170 330 30 | 0170 230 30 | 0154 230 30 | 0170 335 30 | 0170 235 30 | | | | 0170 340 30 | 0170 240 30 | | |
| 35 | 0170 330 35 | 0170 230 35 | 0154 230 35 | 0170 335 35 | 0170 235 35 | 0154 235 35 | | | 0170 340 35 | 0170 240 35 | | |
| 40 | 0170 330 40 | 0170 230 40 | | 0170 335 40 | 0170 235 40 | 0154 235 40 | | | 0170 340 40 | 0170 240 40 | | |
| 45 | | 0170 230 45 | | 0170 335 45 | 0170 235 45 | 0154 235 45 | | | 0170 340 45 | 0170 240 45 | | |
| 50 | | | | 0170 335 50 | 0170 235 50 | 0154 235 50 | | | 0170 340 50 | 0170 240 50 | 0154 240 40 | |
| 55 | | | | | | | | | 0170 340 55 | 0170 240 55 | 0154 240 50 | |
| 60 | | | | | | | | | 0170 340 60 | | | |
| 70 | | | | | | | | | 0170 340 70 | | | |
| 80 | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| 110 | | | | | | | | | | | | |
| 120 | | | | | | | | | | | | |
| 130 | | | | | | | | | | | | |
| 140 | | | | | | | | | | | | |
| 150 | | | | | | | | | | | | |
| 160 | | | | | | | | | | | | |
| 180 | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| 220 | | | | | | | | | | | | |
| 240 | | | | | | | | | | | | |
| 260 | | | | | | | | | | | | |
| 280 | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 320 | | | | | | | | | | | | |
| 340 | | | | | | | | | | | | |
| 360 | | | | | | | | | | | | |
| 380 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 YELLOW GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Steel, yellow galvanised
- Utilisation classes 1 and 2



| Ø 4.5mm | | | Ø 5mm | | | | Ø 6mm | | |
|---------------------------------|-------------------|--------------------------|---------------------------------|-------------------------|---------------------------------|--------------------------|---------------------------------|----------------|-------------|
| Countersunk milling pocket head | Counter-sunk head | Raised counter-sunk head | Countersunk milling pocket head | HB 60° countersunk head | Countersunk milling pocket head | Raised counter-sunk head | Countersunk milling pocket head | | |
| Steel, yellow galvanised | | | | | | | | | |
| Partial thread | | full thread | | Partial thread | | Full thread | | Partial thread | Full thread |
| 10 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | 0170 245 17 | | | | | | | |
| 20 | | 0170 245 20 | | | | 0170 250 20 | | | |
| 25 | | 0170 245 25 | | | | 0170 250 25 | | | |
| 30 | | 0170 245 30 | | 0170 350 30 | | 0170 250 30 | | | |
| 35 | 0170 345 35 | 0170 245 35 | | 0170 350 35 | | 0170 250 35 | | | |
| 40 | 0170 345 40 | 0170 245 40 | 0154 245 040 | 0170 350 40 | 0170 650 40 | 0170 250 40 | | 0170 360 40 | 0170 260 40 |
| 45 | 0170 345 45 | 0170 245 45 | | 0170 350 45 | 0170 650 45 | 0170 250 45 | | | 0170 260 45 |
| 50 | 0170 345 50 | 0170 245 50 | 0154 245 050 | 0170 350 50 | 0170 650 50 | 0170 250 50 | | 0170 360 50 | 0170 260 50 |
| 55 | | 0170 245 55 | | 0170 350 55 | | 0170 250 55 | | | |
| 60 | 0170 345 60 | 0170 245 60 | 0154 245 060 | 0170 350 60 | 0170 650 60 | 0170 250 60 | 0154 250 60 | 0170 360 60 | 0170 260 60 |
| 70 | 0170 345 70 | | | 0170 350 70 | 0170 650 70 | 0170 250 70 | 0154 250 70 | 0170 360 70 | 0170 260 70 |
| 80 | 0170 345 80 | | | 0170 350 80 | 0170 650 80 | 0170 250 80 | | 0170 360 80 | 0170 260 80 |
| 90 | | | | 0170 350 90 | 0170 650 90 | | | 0170 360 90 | |
| 100 | | | | 0170 350 100 | 0170 650 100 | | | 0170 360 100 | |
| 110 | | | | 0170 350 110 | 0170 650 110 | | | 0170 360 110 | |
| 120 | | | | 0170 350 120 | 0170 650 120 | | | 0170 360 120 | |
| 130 | | | | | | | | 0170 360 130 | |
| 140 | | | | | | | | 0170 360 140 | |
| 150 | | | | | | | | 0170 360 150 | |
| 160 | | | | | | | | 0170 360 160 | |
| 180 | | | | | | | | 0170 360 180 | |
| 200 | | | | | | | | 0170 360 200 | |
| 220 | | | | | | | | 0170 360 220 | |
| 240 | | | | | | | | 0170 360 240 | |
| 260 | | | | | | | | 0170 360 260 | |
| 280 | | | | | | | | 0170 360 280 | |
| 300 | | | | | | | | 0170 360 300 | |
| 320 | | | | | | | | | |
| 340 | | | | | | | | | |
| 360 | | | | | | | | | |
| 380 | | | | | | | | | |
| 400 | | | | | | | | | |

Length in mm

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 YELLOW GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Steel, yellow galvanised
- Utilisation classes 1 and 2

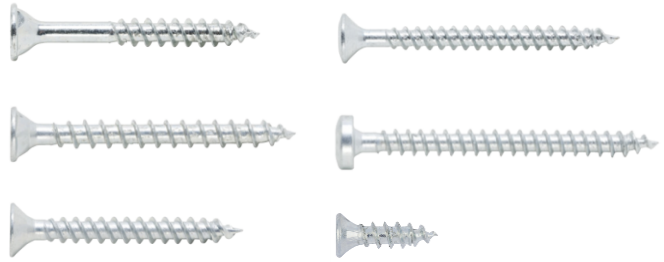


| | ∅ 7mm | ∅ 8mm | ∅ 10mm |
|------------|--|--------------|--------------|
| | Countersunk milling pocket head | | |
| | Steel, yellow galvanised | | |
| | Partial thread | | |
| 10 | | | |
| 12 | | | |
| 13 | | | |
| 15 | | | |
| 16 | | | |
| 17 | | | |
| 20 | | | |
| 25 | | | |
| 30 | | | |
| 35 | | | |
| 40 | | | |
| 45 | | | |
| 50 | | | |
| 55 | | | |
| 60 | | | |
| 70 | | | |
| 80 | 0170 370 80 | 0170 380 80 | 0170 310 80 |
| 90 | 0170 370 90 | | |
| 100 | 0170 370 100 | 0170 380 100 | 0170 310 100 |
| 110 | | | |
| 120 | 0170 370 120 | 0170 380 120 | 0170 310 120 |
| 130 | | | |
| 140 | 0170 370 140 | 0170 380 140 | 0170 310 140 |
| 150 | | | |
| 160 | 0170 370 160 | 0170 380 160 | 0170 310 160 |
| 180 | 0170 370 180 | 0170 380 180 | 0170 310 180 |
| 200 | 0170 370 200 | 0170 380 200 | 0170 310 200 |
| 220 | 0170 370 220 | 0170 380 220 | 0170 310 220 |
| 240 | 0170 370 240 | 0170 380 240 | 0170 310 240 |
| 260 | 0170 370 260 | 0170 380 260 | 0170 310 260 |
| 280 | 0170 370 280 | 0170 380 280 | 0170 310 280 |
| 300 | 0170 370 300 | 0170 380 300 | 0170 310 300 |
| 320 | | 0170 380 320 | 0170 310 320 |
| 340 | | 0170 380 340 | 0170 310 340 |
| 360 | | 0170 380 360 | 0170 310 360 |
| 380 | | 0170 380 380 | 0170 310 380 |
| 400 | | 0170 380 400 | 0170 310 400 |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0, BLUE GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Blue galvanised steel
- Utilisation classes 1 and 2



| ∅ 3mm | | | | | ∅ 3.5mm | | | |
|---------------------------------|-------------------|-------------------------|-------------------------|----------|---------------------------------|-------------------------|------------------------|------------------|
| Countersunk milling pocket head | Counter-sunk head | Small counter-sunk head | Raised countersunk head | Pan head | Countersunk milling pocket head | AW 10 counter-sunk head | AW 20 countersunk head | Countersunk head |
| | | Piano hinge | | | | | | roller-sorted |

Blue galvanised steel

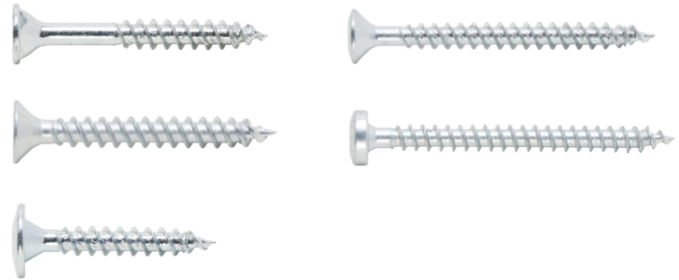
| Partial th. | | Full thread | | | Partial th. | | Full thread | |
|-------------|--|-------------|--|--|-------------|--|-------------|--|
|-------------|--|-------------|--|--|-------------|--|-------------|--|

| | | | | | | | | |
|-----|-------------|-------------|--------------|-------------|--------------|-------------|-------------|-------------|
| 10 | | 0170 030 10 | | | 0153 030 010 | | | |
| 12 | | 0170 030 12 | 0168 330 012 | | 0153 030 012 | | 0170 035 12 | |
| 13 | | 0170 030 13 | | | 0153 030 013 | | 0170 035 13 | |
| 15 | | 0170 030 15 | | | 0153 030 015 | 0170 435 16 | 0170 035 15 | |
| 16 | | 0170 030 16 | 0168 330 016 | 0154 030 16 | 0153 030 016 | | 0170 035 16 | |
| 17 | | 0170 030 17 | | 0154 030 17 | 0153 030 017 | | 0170 035 17 | |
| 20 | 0170 130 20 | 0170 030 20 | 0168 330 020 | 0154 030 20 | 0153 030 020 | 0170 135 20 | 0170 435 20 | 0170 035 20 |
| 25 | 0170 130 25 | 0170 030 25 | 0168 330 025 | 0154 030 25 | 0153 030 025 | 0170 135 25 | 0170 435 25 | 0170 035 25 |
| 30 | 0170 130 30 | 0170 030 30 | | 0154 030 30 | 0153 030 030 | 0170 135 30 | 0170 435 30 | 0170 035 30 |
| 35 | 0170 130 35 | 0170 030 35 | | 0154 030 35 | 0153 030 035 | 0170 135 35 | 0170 435 35 | 0170 035 35 |
| 40 | 0170 130 40 | 0170 030 40 | | | | 0170 135 40 | | 0170 035 40 |
| 45 | | 0170 030 45 | | | | 0170 135 45 | | 0170 035 45 |
| 50 | | | | | | 0170 135 50 | | 0170 035 50 |
| 55 | | | | | | | | |
| 60 | | | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |
| 160 | | | | | | | | |
| 180 | | | | | | | | |
| 200 | | | | | | | | |
| 220 | | | | | | | | |
| 240 | | | | | | | | |
| 260 | | | | | | | | |
| 280 | | | | | | | | |
| 300 | | | | | | | | |
| 320 | | | | | | | | |
| 340 | | | | | | | | |
| 360 | | | | | | | | |
| 380 | | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0, BLUE GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Blue galvanised steel
- Utilisation classes 1 and 2



| Ø 3.5mm | | | Ø 4.0mm | | | | |
|-------------------------|------------|----------|---------------------------------|------------------|-------------------------|------------|----------|
| Raised countersunk head | Rear panel | Pan head | Countersunk milling pocket head | Countersunk head | Raised countersunk head | Rear panel | Pan head |

Blue galvanised steel

Full thread

Partial th.

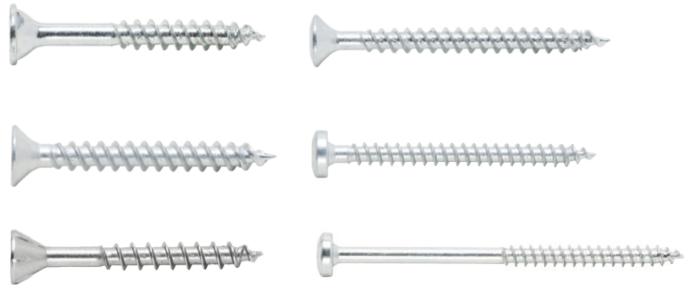
Full thread

| Length in mm | Full thread | | Partial th. | Full thread | | | |
|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|
| | | | | | | | |
| 10 | | | | | | | |
| 12 | | | 0153 035 012 | | 0170 040 12 | | 0153 040 012 |
| 13 | | | 0153 035 013 | | 0170 040 13 | | 0153 040 013 |
| 15 | | | 0153 035 015 | | 0170 040 15 | | 0153 040 015 |
| 16 | 0154 035 016 | | 0153 035 016 | | 0170 040 16 | | 0153 040 016 |
| 17 | 0154 035 017 | | 0153 035 017 | | 0170 040 17 | | 0153 040 017 |
| 20 | 0154 035 020 | 0167 130 020 | 0153 035 020 | 0170 140 20 | 0170 040 20 | 0154 040 20 | 0153 040 020 |
| 25 | 0154 035 025 | 0167 130 025 | 0153 035 025 | 0170 140 25 | 0170 040 25 | 0154 040 25 | 0153 040 025 |
| 30 | 0154 035 030 | 0167 130 030 | 0153 035 030 | 0170 140 30 | 0170 040 30 | 0154 040 30 | 0167 140 030 |
| 35 | 0154 035 035 | 0167 130 035 | 0153 035 035 | 0170 140 35 | 0170 040 35 | 0154 040 35 | 0167 140 035 |
| 40 | 0154 035 040 | | 0153 035 040 | 0170 140 40 | 0170 040 40 | 0154 040 40 | 0167 140 040 |
| 45 | 0154 035 045 | | | 0170 140 45 | 0170 040 45 | 0154 040 45 | 0167 140 045 |
| 50 | 0154 035 050 | | | 0170 140 50 | 0170 040 50 | 0154 040 50 | |
| 55 | | | | 0170 140 55 | 0170 040 55 | | |
| 60 | | | | 0170 140 60 | | | |
| 70 | | | | 0170 140 70 | | | |
| 80 | | | | | | | |
| 90 | | | | | | | |
| 100 | | | | | | | |
| 110 | | | | | | | |
| 120 | | | | | | | |
| 130 | | | | | | | |
| 140 | | | | | | | |
| 150 | | | | | | | |
| 160 | | | | | | | |
| 180 | | | | | | | |
| 200 | | | | | | | |
| 220 | | | | | | | |
| 240 | | | | | | | |
| 260 | | | | | | | |
| 280 | | | | | | | |
| 300 | | | | | | | |
| 320 | | | | | | | |
| 340 | | | | | | | |
| 360 | | | | | | | |
| 380 | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0, BLUE GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Blue galvanised steel
- Utilisation classes 1 and 2



| Ø 4.5mm | | | | | Ø 5mm | | | | |
|---------------------------------|--------------|------------------|--------------------------|--------------|---------------------------------|----------------|--------------------------|--------------|--------------|
| Countersunk milling pocket head | | Countersunk head | Raised counter-sunk head | Pan head | Countersunk milling pocket head | | Countersunk milling head | Pan head | |
| | Head recess | | | | | Head recess | HB 60° | | |
| Blue galvanised steel | | | | | | | | | |
| Partial thread | | | Full thread | | | Partial thread | | | |
| 10 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | 0153 045 013 | | | | |
| 15 | | 0170 045 15 | | | 0153 045 015 | | | | |
| 16 | | | | | | | | | |
| 17 | | 0170 045 17 | | | | | | | |
| 20 | | 0170 045 20 | | | 0153 045 020 | | | | |
| 25 | 0162 245 025 | 0170 045 25 | | | 0153 045 025 | | | | |
| 30 | 0162 245 030 | 0170 045 30 | 0154 045 30 | 0153 045 030 | 0170 150 30 | | | | |
| 35 | 0170 145 35 | 0162 245 035 | 0170 045 35 | 0154 045 35 | 0153 045 035 | 0170 150 35 | | | |
| 40 | 0170 145 40 | 0162 245 040 | 0170 045 40 | 0154 045 40 | 0153 045 040 | 0170 150 40 | 0170 653 40 | | |
| 45 | 0170 145 45 | 0162 245 045 | 0170 045 45 | 0154 045 45 | 0153 045 045 | 0170 150 45 | 0170 653 45 | | |
| 50 | 0170 145 50 | 0162 245 050 | 0170 045 50 | 0154 045 50 | 0153 045 050 | 0170 150 50 | 0162 250 50 | 0170 653 50 | |
| 55 | | 0162 245 055 | 0170 045 55 | 0154 045 60 | | 0170 150 55 | | | |
| 60 | 0170 145 60 | 0162 245 060 | 0170 045 60 | | 0153 045 060 | 0170 150 60 | 0162 250 60 | 0170 653 60 | |
| 70 | 0170 145 70 | 0162 245 070 | | | 0153 045 070 | 0170 150 70 | 0162 250 70 | 0170 653 70 | |
| 80 | 0170 145 80 | | | | | 0170 150 80 | 0162 250 80 | 0170 653 80 | 0153 150 080 |
| 90 | | | | | | 0170 150 90 | 0162 250 90 | 0170 653 90 | 0153 150 090 |
| 100 | 0170 145 100 | | | | | 0170 150 100 | 0162 250 100 | 0170 653 100 | 0153 150 100 |
| 110 | | | | | | 0170 150 110 | | 0170 653 110 | |
| 120 | | | | | | 0170 150 120 | | 0170 653 120 | |
| 130 | | | | | | | | | |
| 140 | | | | | | | | | |
| 150 | | | | | | | | | |
| 160 | | | | | | | | | |
| 180 | | | | | | | | | |
| 200 | | | | | | | | | |
| 220 | | | | | | | | | |
| 240 | | | | | | | | | |
| 260 | | | | | | | | | |
| 280 | | | | | | | | | |
| 300 | | | | | | | | | |
| 320 | | | | | | | | | |
| 340 | | | | | | | | | |
| 360 | | | | | | | | | |
| 380 | | | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0, BLUE GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Blue galvanised steel
- Utilisation classes 1 and 2



| ∅ 5mm | | | | ∅ 6mm | | | |
|-----------------------|---------------------------------|--------------------------|--------------|---------------------------------|--------------|---------------------------------|--------------|
| Counter-sunk head | Countersunk milling pocket head | Raised counter-sunk head | Pan head | Countersunk milling pocket head | Pan head | Countersunk milling pocket head | Pan head |
| | | | | | Head recess | | |
| Blue galvanised steel | | | | | | | |
| Full thread | | | | Partial thread | | Full thread | |
| 10 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 15 | | | | | | | |
| 16 | 0170 050 16 | | 0153 050 016 | | | | |
| 17 | | | 0153 050 017 | | | | |
| 20 | 0170 050 20 | | 0153 050 020 | | | | |
| 25 | | 0170 050 25 | 0153 050 025 | | | | |
| 30 | | 0170 050 30 | 0153 050 030 | | | 0170 060 30 | |
| 35 | | 0170 050 35 | 0154 050 35 | 0153 050 035 | | | |
| 40 | | 0170 050 40 | 0154 050 40 | 0153 050 040 | 0170 160 40 | | 0170 060 40 |
| 45 | | 0170 050 45 | | 0153 050 045 | | | 0170 060 45 |
| 50 | | 0170 050 50 | 0154 050 50 | 0153 050 050 | 0170 160 50 | | 0170 060 50 |
| 55 | | 0170 050 55 | | 0153 050 055 | | | 0170 060 55 |
| 60 | | 0170 050 60 | 0154 050 60 | 0153 050 060 | 0170 160 60 | 0162 260 60 | 0170 060 60 |
| 70 | | 0170 050 70 | 0154 050 70 | 0153 050 070 | 0170 160 70 | | 0170 060 70 |
| 80 | | 0170 050 80 | | | 0170 160 80 | 0162 260 80 | 0170 060 80 |
| 90 | | | | | 0170 160 90 | | 0153 160 090 |
| 100 | | | | | 0170 160 100 | 0162 260 100 | 0153 160 100 |
| 110 | | | | | 0170 160 110 | | |
| 120 | | | | | 0170 160 120 | 0162 260 120 | |
| 130 | | | | | 0170 160 130 | | |
| 140 | | | | | 0170 160 140 | | |
| 150 | | | | | 0170 160 150 | | |
| 160 | | | | | 0170 160 160 | | |
| 180 | | | | | 0170 160 180 | | |
| 200 | | | | | 0170 160 200 | | |
| 220 | | | | | 0170 160 220 | | |
| 240 | | | | | 0170 160 240 | | |
| 260 | | | | | 0170 160 260 | | |
| 280 | | | | | 0170 160 280 | | |
| 300 | | | | | 0170 160 300 | | |
| 320 | | | | | | | |
| 340 | | | | | | | |
| 360 | | | | | | | |
| 380 | | | | | | | |

Length in mm

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0, BLUE GALVANISED

- Multi-purpose screw
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Blue galvanised steel
- Utilisation classes 1 and 2



| | ∅ 7mm | ∅ 8mm | ∅ 10mm |
|------------|--|--------------|--------------|
| | Countersunk milling pocket head | | |
| | Blue galvanised steel | | |
| | Partial thread | | |
| 10 | | | |
| 12 | | | |
| 13 | | | |
| 15 | | | |
| 16 | | | |
| 17 | | | |
| 20 | | | |
| 25 | | | |
| 30 | | | |
| 35 | | | |
| 40 | | | |
| 45 | | | |
| 50 | | | |
| 55 | | | |
| 60 | | | |
| 70 | | | |
| 80 | 0170 170 80 | 0170 658 80 | 0170 110 80 |
| 90 | 0170 170 90 | | |
| 100 | 0170 170 100 | 0170 658 100 | 0170 110 100 |
| 110 | | | |
| 120 | 0170 170 120 | 0170 658 120 | 0170 110 120 |
| 130 | | | |
| 140 | 0170 170 140 | 0170 658 140 | 0170 110 140 |
| 150 | | | |
| 160 | 0170 170 160 | 0170 658 160 | 0170 110 160 |
| 180 | 0170 170 180 | 0170 658 180 | 0170 110 180 |
| 200 | 0170 170 200 | 0170 658 200 | 0170 110 200 |
| 220 | 0170 170 220 | 0170 658 220 | 0170 110 220 |
| 240 | 0170 170 240 | 0170 658 240 | 0170 110 240 |
| 260 | 0170 170 260 | 0170 658 260 | 0170 110 260 |
| 280 | 0170 170 280 | 0170 658 280 | 0170 110 280 |
| 300 | 0170 170 300 | 0170 658 300 | 0170 110 300 |
| 320 | | 0170 658 320 | 0170 110 320 |
| 340 | | 0170 658 340 | 0170 110 340 |
| 360 | | 0170 658 360 | 0170 110 360 |
| 380 | | 0170 658 380 | 0170 110 380 |
| 400 | | 0170 658 400 | 0170 110 400 |

Length in mm

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 BRASS-PLATED

- For universal use in furniture construction and fitting attachments.
- Prevents splitting due to ring thread
- Fast bite
- Brass-plated steel
- Utilisation classes 1 and 2



| | Ø 3.0mm | Ø 3.5mm | Ø 4.0mm | Ø 4.5mm |
|----------------------------|---------------------------|---------|---------|---------|
| Small countersunk | Raised countersunk | | | |
| Piano hinge | | | | |
| Steel, brass-plated | | | | |
| Full thread | | | | |

| Length in mm | 10 | 12 | 13 | 15 | 16 | 17 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | | | |
|--------------|----|--------------|--------------|----|----|--------------|-------------|--------------|--------------|----|-------------|-------------|-------------|-------------|-------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|
| | | 0168 130 010 | 0168 130 012 | | | 0168 130 016 | 0154 430 17 | 0168 130 020 | 0168 130 025 | | 0154 430 35 | 0154 435 30 | 0154 435 35 | 0154 435 40 | 0154 435 50 | | | | | | | | | | | | | | | | | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 NICKEL-PLATED

- For universal use in furniture construction, shopfitting, fitting attachments and interior fittings.
- Prevents splitting due to ring or mating thread
- Fast bite
- Low tightening torque
- Steel, nickel-plated
- Utilisation classes 1 and 2



| | | ∅ 3.0mm | ∅ 3.5mm | ∅ 4.0mm | ∅ 4.5mm | ∅ 5mm |
|--------------|------------|-----------------------------|-------------|-------------|--------------|-------------|
| | | Raised countersunk | | | | |
| | | Steel, nickel-plated | | | | |
| | | Full thread | | | | |
| Length in mm | 10 | | | | | |
| | 12 | | | | | |
| | 13 | | | | | |
| | 15 | 0154 330 15 | | | | |
| | 16 | | 0154 335 16 | | | |
| | 17 | 0154 330 17 | 0154 335 17 | | | |
| | 20 | 0154 330 20 | 0154 335 20 | 0154 340 20 | | |
| | 25 | 0154 330 25 | 0154 335 25 | | | |
| | 30 | 0154 330 30 | 0154 335 30 | 0154 340 30 | | |
| | 35 | 0154 330 35 | 0154 335 35 | 0154 340 35 | | |
| | 40 | | 0154 335 40 | 0154 340 40 | 0154 345 040 | 0154 350 40 |
| | 45 | | 0154 335 45 | 0154 340 45 | 0154 345 045 | |
| | 50 | | 0154 335 50 | 0154 340 50 | 0154 345 050 | 0154 350 50 |
| | 55 | | | | | |
| | 60 | | | | 0154 345 060 | 0154 350 60 |
| | 70 | | | | 0154 345 070 | 0154 350 70 |
| | 80 | | | | | 0154 350 80 |
| | 90 | | | | | |
| | 100 | | | | | |
| | 110 | | | | | |
| | 120 | | | | | |
| | 130 | | | | | |
| | 140 | | | | | |
| | 150 | | | | | |
| | 160 | | | | | |
| | 180 | | | | | |
| | 200 | | | | | |
| | 220 | | | | | |
| 240 | | | | | | |
| 260 | | | | | | |
| 280 | | | | | | |
| 300 | | | | | | |
| 320 | | | | | | |
| 340 | | | | | | |
| 360 | | | | | | |
| 380 | | | | | | |
| 400 | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS YELLOW GALVANISED

- Multi-purpose screw
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- Can be combined with countersunk washers
- Steel, yellow galvanised
- Utilisation classes 1 and 2



| Ø 3.0mm | | Ø 3.5mm | | | | | |
|--------------------------|-------------|------------------|---------------------------------|--------------|--------------------------|---------------------------------|--------------|
| Top head | | Countersunk head | Countersunk milling pocket head | | Countersunk milling ribs | Countersunk milling pocket head | |
| AW 10 | White, AW10 | AW 10 | AW 20 | | 60°; AW10 | AW10 | AW20 |
| Steel, yellow galvanised | | | | | | | |
| Partial thread | | Full thread | Partial thread | | Flooring | Base cabinets | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 20 | | 0165 053 020 | | | | | |
| 25 | 0165 813 25 | 0165 843 25 | 0165 053 025 | | | | |
| 30 | 0165 813 30 | 0165 843 30 | 0165 053 030 | | 0165 673 530 | | |
| 35 | 0165 813 35 | 0165 843 35 | 0165 053 035 | 0165 223 536 | 0165 223 535 | 0165 673 535 | |
| 40 | | | | 0165 223 541 | 0165 223 540 | 0165 673 540 | |
| 45 | | | | 0165 223 546 | 0165 223 545 | 0165 673 545 | 0165 203 546 |
| 50 | | | | 0165 223 551 | 0165 223 550 | 0165 673 550 | 0165 203 551 |
| 55 | | | | | | | |
| 60 | | | | | | | |
| 70 | | | | | | | |
| 80 | | | | | | | |
| 90 | | | | | | | |
| 100 | | | | | | | |
| 110 | | | | | | | |
| 120 | | | | | | | |
| 130 | | | | | | | |
| 140 | | | | | | | |
| 150 | | | | | | | |
| 160 | | | | | | | |
| 180 | | | | | | | |
| 200 | | | | | | | |
| 220 | | | | | | | |
| 240 | | | | | | | |
| 260 | | | | | | | |
| 280 | | | | | | | |
| 300 | | | | | | | |
| 320 | | | | | | | |
| 340 | | | | | | | |
| 360 | | | | | | | |
| 380 | | | | | | | |
| 400 | | | | | | | |
| 430 | | | | | | | |
| 480 | | | | | | | |

Length in mm

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS YELLOW GALVANISED

- Multi-purpose screw
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- Can be combined with countersunk washers
- Steel, yellow galvanised
- Utilisation classes 1 and 2



| Ø 3.5mm | | Ø 4.0mm | | | | | |
|--------------------------|--------------------------|---------------------------------|--------------------------|------------------|--------------------------|--------------|--------------|
| Countersunk head | Countersunk milling ribs | Countersunk milling pocket head | Countersunk milling ribs | Countersunk head | Countersunk milling ribs | | |
| AW 10 | 60°; AW10 | AW20 | 60°; AW20 | AW20 | 60°; AW20 | | |
| Steel, yellow galvanised | | | | | | | |
| Full thread | | Partial thread | | Full thread | | | |
| | Flooring | | Base cabinets | Flooring | Flooring | | |
| 16 | | | | | | | |
| 17 | 0165 053 517 | | | | | | |
| 20 | 0165 053 520 | | | | 0165 054 020 | | |
| 25 | 0165 053 525 | | | | 0165 054 025 | | |
| 30 | 0165 053 530 | 0165 663 530 | 0165 224 30 | 0165 204 30 | 0165 054 030 | | |
| 35 | 0165 053 535 | 0165 663 535 | 0165 224 35 | 0165 204 35 | 0165 674 035 | 0165 054 035 | 0165 664 035 |
| 40 | 0165 053 540 | 0165 663 540 | 0165 224 40 | | 0165 674 040 | 0165 054 040 | 0165 664 040 |
| 45 | | 0165 663 545 | 0165 224 45 | | 0165 674 045 | 0165 054 045 | 0165 664 045 |
| 50 | | 0165 663 550 | 0165 224 50 | 0165 204 50 | 0165 674 050 | | 0165 664 050 |
| 55 | | | 0165 224 55 | 0165 204 55 | 0165 674 060 | | |
| 60 | | | 0165 224 60 | 0165 204 60 | | | 0165 664 060 |
| 70 | | | 0165 224 70 | 0165 204 70 | | | |
| 80 | | | | | | | |
| 90 | | | | | | | |
| 100 | | | | | | | |
| 110 | | | | | | | |
| 120 | | | | | | | |
| 130 | | | | | | | |
| 140 | | | | | | | |
| 150 | | | | | | | |
| 160 | | | | | | | |
| 180 | | | | | | | |
| 200 | | | | | | | |
| 220 | | | | | | | |
| 240 | | | | | | | |
| 260 | | | | | | | |
| 280 | | | | | | | |
| 300 | | | | | | | |
| 320 | | | | | | | |
| 340 | | | | | | | |
| 360 | | | | | | | |
| 380 | | | | | | | |
| 400 | | | | | | | |
| 430 | | | | | | | |
| 480 | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS YELLOW GALVANISED

- Multi-purpose screw
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- Can be combined with countersunk washers
- Steel, yellow galvanised
- Utilisation classes 1 and 2

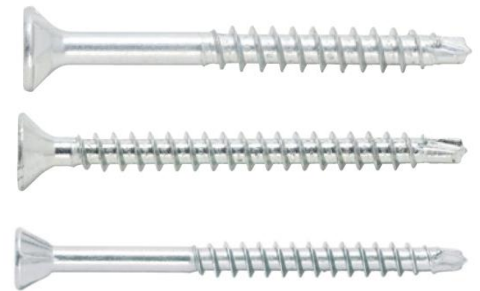


| | | ∅ 4.5mm | ∅ 5mm | ∅ 6mm | ∅ 8mm | |
|--|-----|----------------------|--------------|--------------|--------------|--------------|
| Countersunk milling pocket head | | | | | | |
| AW 20 | | | AW30 | AW40 | | |
| Steel, yellow galvanised | | | | | | |
| Partial thread | | | | | | |
| | | Base cabinets | | | | |
| Length in mm | 16 | | | | | |
| | 17 | | | | | |
| | 20 | | | | | |
| | 25 | | | | | |
| | 30 | | | | | |
| | 35 | 0165 224 535 | 0165 204 535 | | | |
| | 40 | 0165 224 540 | | | | |
| | 45 | 0165 224 545 | 0165 204 545 | | | |
| | 50 | 0165 224 550 | 0165 204 550 | 0165 225 50 | | |
| | 55 | | | | | |
| | 60 | 0165 224 560 | 0165 204 560 | 0165 225 60 | | |
| | 70 | 0165 224 570 | 0165 204 570 | 0165 225 70 | | |
| | 80 | 0165 224 580 | 0165 204 580 | 0165 225 80 | 0165 226 80 | |
| | 90 | | | 0165 225 90 | 0165 226 90 | |
| | 100 | | | 0165 225 100 | 0165 226 100 | |
| | 110 | | | | | |
| | 120 | | | | 0165 226 120 | |
| | 130 | | | | | |
| | 140 | | | | 0165 226 140 | 0165 228 140 |
| | 150 | | | | | |
| | 160 | | | | 0165 226 160 | 0165 228 160 |
| | 180 | | | | 0165 226 180 | 0165 228 180 |
| | 200 | | | | 0165 226 200 | 0165 228 200 |
| | 220 | | | | 0165 226 220 | 0165 228 220 |
| 240 | | | | 0165 226 240 | 0165 228 240 | |
| 260 | | | | | 0165 228 260 | |
| 280 | | | | | 0165 228 280 | |
| 300 | | | | | 0165 228 300 | |
| 320 | | | | | 0165 228 320 | |
| 340 | | | | | 0165 228 340 | |
| 360 | | | | | 0165 228 360 | |
| 380 | | | | | 0165 228 380 | |
| 400 | | | | | 0165 228 400 | |
| 430 | | | | | 0165 228 430 | |
| 480 | | | | | 0165 228 480 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS BLUE GALVANISED

- Multi-purpose screw
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- Can be combined with countersunk washers
- Blue galvanised steel
- Utilisation classes 1 and 2

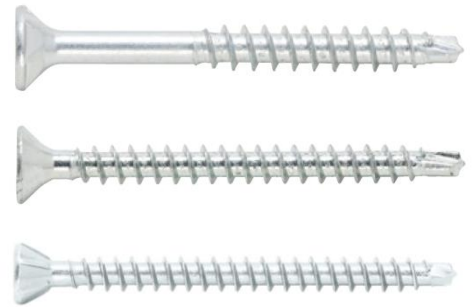


| Ø 3.0mm | | Ø 3.5mm | | | | |
|-----------------------|------------------|---------------------------------|--------------|--------------------------|---------------------------------|--------------|
| Top head | Countersunk head | Countersunk milling pocket head | | Countersunk milling ribs | Countersunk milling pocket head | |
| AW10 | | AW20 | | 60°; AW10 | AW10 | AW20 |
| Blue galvanised steel | | | | | | |
| Partial thread | | Full thread | | Partial thread | | |
| | | | | Flooring | Base cabinets | |
| 16 | | | | | | |
| 17 | | | | | | |
| 20 | | 0165 043 020 | | | | |
| 25 | 0165 803 25 | 0165 043 025 | | | | |
| 30 | 0165 803 30 | 0165 043 030 | | | 0165 693 530 | |
| 35 | 0165 803 35 | 0165 043 035 | 0165 113 536 | 0165 113 535 | 0165 693 535 | |
| 40 | | | 0165 123 541 | 0165 113 540 | 0165 693 540 | |
| 45 | | | 0165 123 546 | 0165 113 545 | 0165 693 545 | 0165 103 546 |
| 50 | | | 0165 123 551 | 0165 113 550 | 0165 693 550 | 0165 103 551 |
| 55 | | | | | | |
| 60 | | | | | | |
| 70 | | | | | | |
| 80 | | | | | | |
| 90 | | | | | | |
| 100 | | | | | | |
| 110 | | | | | | |
| 120 | | | | | | |
| 130 | | | | | | |
| 140 | | | | | | |
| 150 | | | | | | |
| 160 | | | | | | |
| 180 | | | | | | |
| 200 | | | | | | |
| 220 | | | | | | |
| 240 | | | | | | |
| 260 | | | | | | |
| 280 | | | | | | |
| 300 | | | | | | |
| 320 | | | | | | |
| 340 | | | | | | |
| 360 | | | | | | |
| 380 | | | | | | |
| 400 | | | | | | |
| 430 | | | | | | |
| 480 | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS BLUE GALVANISED

- Multi-purpose screw
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- Can be combined with countersunk washers
- Blue galvanised steel
- Utilisation classes 1 and 2



| Ø 3.5mm | | Ø 4.0mm | | | | | |
|-----------------------|--------------------------|---------------------------------|---------------|-------------|--------------|------------------|--------------------------|
| Countersunk head | Countersunk milling ribs | Countersunk milling pocket head | | | | Countersunk head | Countersunk milling ribs |
| AW10 | 60°; AW10 | AW20 | | | | 60°; AW20 | |
| Blue galvanised steel | | | | | | | |
| Full thread | | Partial thread | | | | Full thread | |
| Base cabinets | Flooring | | Base cabinets | Flooring | | Flooring | |
| 16 | | | | | | | |
| 17 | 0165 043 017 | | | | | | |
| 20 | 0165 043 520 | | | | | 0165 044 020 | |
| 25 | 0165 043 525 | | | | | 0165 044 025 | |
| 30 | 0165 043 530 | 0165 683 530 | 0165 114 30 | 0165 104 30 | | 0165 044 030 | |
| 35 | 0165 043 535 | 0165 683 535 | 0165 114 35 | 0165 104 35 | 0165 694 035 | 0165 044 035 | 0165 684 035 |
| 40 | 0165 043 540 | 0165 683 540 | 0165 114 40 | | 0165 694 040 | 0165 044 040 | 0165 684 040 |
| 45 | | 0165 683 545 | 0165 114 45 | | 0165 694 045 | 0165 044 045 | 0165 684 045 |
| 50 | | 0165 683 550 | 0165 114 50 | 0165 104 50 | 0165 694 050 | | 0165 684 050 |
| 55 | | | 0165 114 55 | 0165 104 55 | 0165 694 060 | | |
| 60 | | | 0165 114 60 | 0165 104 60 | | | 0165 684 060 |
| 70 | | | 0165 114 70 | 0165 104 70 | | | |
| 80 | | | | | | | |
| 90 | | | | | | | |
| 100 | | | | | | | |
| 110 | | | | | | | |
| 120 | | | | | | | |
| 130 | | | | | | | |
| 140 | | | | | | | |
| 150 | | | | | | | |
| 160 | | | | | | | |
| 180 | | | | | | | |
| 200 | | | | | | | |
| 220 | | | | | | | |
| 240 | | | | | | | |
| 260 | | | | | | | |
| 280 | | | | | | | |
| 300 | | | | | | | |
| 320 | | | | | | | |
| 340 | | | | | | | |
| 360 | | | | | | | |
| 380 | | | | | | | |
| 400 | | | | | | | |
| 430 | | | | | | | |
| 480 | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS BLUE GALVANISED

- Multi-purpose screw
- Small edge distances due to integrated drilling tip (same as pre-drilled)
- Can be combined with countersunk washers
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | Ø 4.5mm | | Ø 5mm | Ø 6mm | Ø 8mm | | | |
|-----------------------|-----|---------------------------------|----------------------|---------------------------------|----------------------|--------------|--------------|--------------|--------------|
| | | Countersunk milling pocket head | | Countersunk milling pocket head | | | | | |
| | | AW20 | Head recess; AW20 | AW20 | Head recess; AW20 | AW20 | AW30 | AW40 | |
| Blue galvanised steel | | | | | | | | | |
| Partial thread | | | | | | | | | |
| | | Base cabinets | | | | | | | |
| Length in mm | 16 | | | | | | | | |
| | 17 | | | | | | | | |
| | 20 | | | | | | | | |
| | 25 | | | | | | | | |
| | 30 | | | | | | | | |
| | 35 | 0165 114 535 | 0165 945 035 | 0165 104 535 | 0165 945 350 | | | | |
| | 40 | 0165 114 540 | 0165 945 040 | | 0165 945 400 | | | | |
| | 45 | 0165 114 545 | 0165 945 045 | 0165 104 545 | 0165 945 450 | | | | |
| | 50 | 0165 114 550 | 0165 945 050 | 0165 104 550 | 0165 945 500 | 0165 115 50 | | | |
| | 55 | | | | | | | | |
| | 60 | 0165 114 560 | 0165 945 060 | 0165 104 560 | 0165 945 600 | 0165 115 60 | | | |
| | 70 | 0165 114 570 | | 0165 104 570 | | 0165 115 70 | | | |
| | 80 | 0165 114 580 | | 0165 104 580 | | 0165 115 80 | 0165 116 80 | | |
| | 90 | | | | | 0165 115 90 | 0165 116 90 | | |
| | 100 | | | | | 0165 115 100 | 0165 116 100 | | |
| | 110 | | | | | | | | |
| | 120 | | | | | | 0165 116 120 | | |
| | 130 | | | | | | | | |
| | 140 | | | | | | | 0165 116 140 | 0165 118 140 |
| | 150 | | | | | | | | |
| | 160 | | | | | | | 0165 116 160 | 0165 118 160 |
| | 180 | | | | | | | 0165 116 180 | 0165 118 180 |
| | 200 | | | | | | | 0165 116 200 | 0165 118 200 |
| | 220 | | | | | | | 0165 116 220 | 0165 118 220 |
| | 240 | | | | | | | 0165 116 240 | 0165 118 240 |
| | 260 | | | | | | | | 0165 118 260 |
| | 280 | | | | | | | | 0165 118 280 |
| | 300 | | | | | | | | 0165 118 300 |
| 320 | | | | | | | | 0165 118 320 | |
| 340 | | | | | | | | 0165 118 340 | |
| 360 | | | | | | | | 0165 118 360 | |
| 380 | | | | | | | | 0165 118 380 | |
| 400 | | | | | | | | 0165 118 400 | |
| 430 | | | | | | | | 0165 118 430 | |
| 480 | | | | | | | | 0165 118 480 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS BRASS-, NICKEL-PLATED OR BURNISHED

- Universal screw for the fastening of trim strips
- Small edge distances due to integrated drilling tip
- Steel, brass-, nickel-plated or burnished
- Utilisation class 1



| | | Ø 3mm | | |
|--------------|-----|----------------|-------------|---------------|
| | | Top head | | |
| | | Steel | | |
| | | Brass-plated | Burnished | Nickel-plated |
| | | Partial thread | | |
| Length in mm | 16 | | | |
| | 17 | | | |
| | 20 | | | |
| | 25 | 0165 823 25 | 0165 833 25 | 0165 853 25 |
| | 30 | 0165 823 30 | 0165 833 30 | 0165 853 30 |
| | 35 | 0165 823 35 | 0165 833 35 | 0165 853 35 |
| | 40 | 0165 823 40 | | 0165 853 40 |
| | 45 | 0165 823 45 | | 0165 853 45 |
| | 50 | 0165 823 50 | | 0165 853 50 |
| | 55 | | | |
| | 60 | | | |
| | 70 | | | |
| | 80 | | | |
| | 90 | | | |
| | 100 | | | |
| | 110 | | | |
| | 120 | | | |
| | 130 | | | |
| | 140 | | | |
| | 150 | | | |
| | 160 | | | |
| | 180 | | | |
| | 200 | | | |
| | 220 | | | |
| 240 | | | | |
| 260 | | | | |
| 280 | | | | |
| 300 | | | | |
| 320 | | | | |
| 340 | | | | |
| 360 | | | | |
| 380 | | | | |
| 400 | | | | |
| 430 | | | | |
| 480 | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS MDF

- For the gap free installation of MDF on MDF edges
- Small countersunk head makes the screw hole easy to fill later
- Thin screw core with long drilling tip
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | ∅ 3.5mm | ∅ 4.0mm | ∅ 4.5mm |
|--------------|-----------|-------------------------------|--------------|--------------|
| | | Small countersunk head | | |
| | | Blue galvanised steel | | |
| | | MDF thread | | |
| Length in mm | 30 | | | |
| | 35 | | | |
| | 40 | 0165 393 540 | 0165 394 040 | 0165 394 540 |
| | 45 | 0165 393 545 | 0165 394 045 | 0165 394 545 |
| | 50 | 0165 393 550 | 0165 394 050 | 0165 394 550 |
| | 55 | | | |
| | 60 | 0165 393 560 | 0165 394 060 | 0165 394 560 |
| | 70 | | | |

ASSY® PLUS MDF BACK PANEL SCREW

- For the gap free installation of back panels on MDF
- Back panel head pulls components together
- Thin screw core with long drilling tip
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | ∅ 3.5mm |
|--------------|-----------|------------------------------|
| | | Rear panel |
| | | Blue galvanised steel |
| | | MDF thread |
| Length in mm | 12 | |
| | 15 | |
| | 17 | |
| | 20 | |
| | 25 | |
| | 30 | 0165 333 530 |
| | 35 | 0165 333 535 |
| | 40 | 0165 333 540 |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® MDF FITTINGS SCREW

- Specially designed to fasten fittings to MDF
- Large countersunk head for the precise installation of fittings
- Thin screw core
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | |
|---------------------|-----------|------------------------------|
| | | Ø 3.5mm |
| | | Countersunk head |
| | | Blue galvanised steel |
| | | MDF thread |
| Length in mm | 12 | |
| | 15 | 0170 013 515 |
| | 17 | 0170 013 517 |
| | 20 | 0170 013 520 |
| | 25 | 0170 013 525 |
| | 30 | 0170 013 530 |
| | 35 | 0170 013 535 |
| | 40 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® P

- For the gap free installation of particle board materials
- Underhead thread pulls components together
- Fast bite thanks to mating thread on the tip
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | ∅ 3.5mm | ∅ 4.0mm | ∅ 4.5mm |
|--------------|-----------|--|-------------|--------------|
| | | Countersunk milling pocket head | | |
| | | Blue galvanised steel | | |
| | | Underhead thread | | |
| Length in mm | 30 | 0170 403 530 | 0170 404 30 | |
| | 35 | 0170 403 535 | 0170 404 35 | |
| | 40 | 0170 403 540 | 0170 404 40 | |
| | 45 | 0170 403 545 | 0170 404 45 | |
| | 50 | 0170 403 550 | 0170 404 50 | 0170 404 550 |
| | 55 | | | |
| | 60 | 0170 403 560 | 0170 404 60 | 0170 404 560 |
| | 70 | | 0170 404 70 | 0170 404 570 |

ASSY® P PLUS

- For the gap free installation of particle board materials
- Underhead thread pulls components together
- Same edge distances as pre-drilled connections
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | ∅ 3.5mm | | ∅ 4.0mm |
|--------------|-----------|---------------------------------|-------------------------------------|---------------------------------|
| | | Countersunk milling head | Countersunk milling head 60° | Countersunk milling head |
| | | Blue galvanised steel | | |
| | | Underhead thread | | |
| Length in mm | 30 | | | |
| | 35 | | | |
| | 40 | 0165 403 540 | 0165 083 540 | 0165 404 40 |
| | 45 | | | |
| | 50 | 0165 403 550 | 0165 083 550 | 0165 404 50 |
| | 55 | | | |
| | 60 | 0165 403 560 | 0165 083 560 | 0165 404 60 |
| | 70 | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 FBS

- Specially designed to fasten window fittings
- Fast bite due to tip with mating thread
- High load-bearing capacities and stripping torque, even in hardwood
- Blue galvanised steel
- Utilisation classes 1 and 2



| | | Ø 4.0mm | |
|--------------|----|---------------------------------------|---------------|
| | | Countersunk head, restraining grooves | |
| | | Blue galvanised steel | |
| | | Full thread | |
| | | | roller-sorted |
| Length in mm | 20 | | |
| | 25 | | 0170 540 25 |
| | 30 | | 0170 540 30 |
| | 35 | | 0170 540 35 |
| | 40 | 0170 540 40 | |
| | 45 | 0170 540 45 | |
| | 50 | | |
| | 60 | | |
| | 70 | | |

ASSY® CUT

- Specially designed to fasten window fittings
- Easy to insert due to slim tip
- High load-bearing capacities and stripping torque, even in hardwood
- Blue galvanised steel
- Utilisation classes 1 and 2

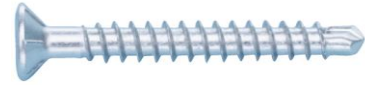


| | | Ø 3.5mm | Ø 4.0mm | Ø 5.0mm |
|--------------|----|---------------------------------------|--------------|--------------|
| | | Countersunk head, restraining grooves | | |
| | | Blue galvanised steel | | |
| | | Full thread | | |
| Length in mm | 20 | | 0170 544 020 | |
| | 25 | | | |
| | 30 | 0170 543 530 | 0170 544 030 | |
| | 35 | | 0170 544 035 | 0170 545 035 |
| | 40 | | 0170 544 040 | |
| | 45 | | 0170 544 045 | |
| | 50 | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS FBS

- Specially designed to fasten window fittings
- For attachments close to edges due to integrated pre-drilling step
- High load-bearing capacities and stripping torque, even in hardwood
- Blue galvanised steel
- Utilisation classes 1 and 2



| | |
|--|------------------------|
| ∅ 4.0mm | |
| Countersunk head, restraining grooves | |
| blue galvanised steel | |
| partial thread | |
| Length in mm | 20 |
| | 25 0165 744 025 |
| | 30 0165 744 030 |
| | 35 0165 744 035 |
| | 40 0165 744 040 |
| | 45 0165 744 045 |
| | 50 |
| | 60 |

ASSY® FES WINDOW JOINT SCREW

- Specially designed for window joints
- Gap free joining of components due to different thread pitches
- High load-bearing capacities thanks to larger outer diameter close to the head
- Steel, zinc-nickel
- Utilisation classes 1 and 2



| | |
|---------------------------|--------------|
| ∅ 8.5mm | |
| Cylinder head | |
| Steel, zinc-nickel | |
| Double thread | |
| 140mm | 0170 585 140 |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® FKS WINDOW CONSTRUCTION SCREW

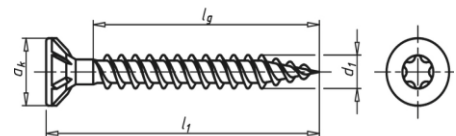
- Specially designed for window construction applications
- Gap free joining of components due to different thread pitches
- High load-bearing capacities thanks to larger outer diameter close to the head
- Steel, zinc-nickel
- Utilisation classes 1 and 2



| | |
|------|--------------------|
| | Ø 8.5mm |
| | Cylinder |
| | Steel, zinc-nickel |
| | Double thread |
| 30mm | 0170 585 120 |

ASSY® SPORTS FLOOR SCREW

- Ideal for the serial installation of sports flooring
- Fast bite due to slim tip
- High load-bearing capacities, easy to install in hard surfaces
- Steel, yellow galvanised
- Utilisation classes 1 and 2

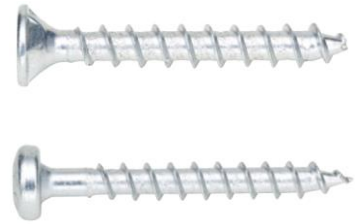


| | |
|------|--------------------------|
| | Ø 4.0mm |
| | Countersunk milling ribs |
| | Blue galvanised steel |
| | Full thread |
| | In magazine |
| 30mm | 0163 640 030 |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® D

- Anchor screw
- Approved for nylon anchors, ZEBRA® Shark W-ZX, ZEBRA® Shark plastic cavity anchor W-KG, plasterboard anchor W-GS, lightweight anchor W-KL and insulation anchor W-ID
- Steel, blue galvanised
- Utilisation classes 1 and 2



| Ø 3.0mm | | Ø 3.5mm | | Ø 4.0mm | | Ø 4.5mm | | Ø 5.0mm |
|----------------------------------|----------|----------------------------------|----------|----------------------------------|----------|----------------------------------|----------|----------------------------------|
| Counter-sunk milling pocket head | Pan head | Counter-sunk milling pocket head | Pan head | Counter-sunk milling pocket head | Pan head | Counter-sunk milling pocket head | Pan head | Counter-sunk milling pocket head |

Blue galvanised steel
Full thread

| | | | | | | | | | | |
|--------------|----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Length in mm | 30 | 0151 020 301 | 0153 020 301 | | | | | | | |
| | 35 | 0151 020 302 | 0153 020 302 | 0151 023 502 | 0153 023 502 | 0151 020 402 | 0153 020 402 | 0151 024 502 | 0153 024 502 | |
| | 40 | 0151 020 303 | 0153 020 303 | 0151 023 503 | 0153 023 503 | 0151 020 403 | 0153 020 403 | 0151 024 503 | 0153 024 503 | 0151 020 501 |
| | 45 | | | | | 0151 020 404 | 0153 020 404 | 0151 024 504 | 0153 024 504 | |
| | 50 | | | | | 0151 020 405 | 0153 020 405 | 0151 024 505 | 0153 024 505 | 0151 020 503 |
| | 55 | | | | | | | | | |
| | 60 | | | | | | | 0151 024 507 | 0153 024 507 | 0151 020 503 |
| | 70 | | | | | | | | | 0151 020 506 |
| | 80 | | | | | | | | | 0151 020 507 |
| | 90 | | | | | | | | | 0151 020 508 |
| 100 | | | | | | | | | | |

| Ø 5.0mm | | Ø 6.0mm | | Ø 8.0mm | | Ø 10.0mm | | Ø 12.0mm | |
|----------|----------------------------------|----------|----------------------------------|----------|----------------------------------|----------|----------------------------------|----------------------------------|----------|
| Pan head | Counter-sunk milling pocket head | Pan head | Counter-sunk milling pocket head | Pan head | Counter-sunk milling pocket head | Pan head | Counter-sunk milling pocket head | Counter-sunk milling pocket head | Pan head |

Blue galvanised steel
Full thread

| | | | | | | | | | | |
|--------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Length in mm | 40 | 0153 020 501 | | | | | | | | |
| | 45 | | | | | | | | | |
| | 50 | 0153 020 503 | | | | | | | | |
| | 55 | | | | | | | | | |
| | 60 | 0153 020 505 | 0151 020 601 | 0153 020 601 | | | | | | |
| | 70 | 0153 020 506 | | | 0151 020 801 | 0153 020 801 | | | | |
| | 80 | | 0151 020 603 | 0153 020 603 | 0151 020 802 | 0153 020 802 | 0151 021 001 | 0153 021 001 | | |
| | 90 | | | | | | | | 0151 021 201 | 0153 021 201 |
| | 100 | | 0151 020 605 | | 0151 020 804 | | 0151 021 003 | 0153 021 003 | | |
| | 110 | | | | | | | | 0151 021 203 | 0153 021 203 |
| | 120 | | | | | | 0151 021 005 | | | |
| | 130 | | | | | | | | 0151 021 205 | |
| | 140 | | | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 SK A2

- Strong tightening effect due to large washer head
- High load-bearing capacities
- Ensures a fast bite and prevents splitting
- For tensile and shear loads
- A2 stainless steel
- Utilisation class 3



| | | ∅ 6mm | ∅ 8mm | |
|--------------|-----|--------------------|--------------|-------------|
| | | A2 stainless steel | | |
| | | Plain | | |
| | | Partial thread | | Full thread |
| Length in mm | 40 | | | 0181 808 40 |
| | 50 | | | 0181 808 50 |
| | 60 | 0181 806 60 | | |
| | 70 | 0181 806 70 | | |
| | 80 | 0181 806 80 | 0181 808 80 | |
| | 90 | 0181 806 90 | | |
| | 100 | 0181 806 100 | 0181 808 100 | |
| | 110 | | | |
| | 120 | 0181 806 120 | 0181 808 120 | |
| | 140 | 0181 806 140 | 0181 808 140 | |
| | 160 | | 0181 808 160 | |
| | 180 | | 0181 808 180 | |
| | 200 | | 0181 808 200 | |
| | 220 | | 0181 808 220 | |
| | 240 | | 0181 808 240 | |
| | 260 | | 0181 808 260 | |
| | 280 | | 0181 808 280 | |
| | 300 | | 0181 808 300 | |
| | 320 | | 0181 808 320 | |
| | 340 | | 0181 808 340 | |
| 360 | | 0181 808 360 | | |
| 380 | | 0181 808 380 | | |
| 400 | | 0181 808 400 | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 A2 SLATE SCREW

- Strong tightening effect due to large flat back panel head
- High load-bearing capacities
- Ensures a fast bite and prevents splitting
- Ideal for fastening slate
- A2 stainless steel
- Utilisation class 3

| | | ∅ 3mm | ∅ 4mm |
|--------------|----|--------------------|---------------|
| | | A2 stainless steel | |
| | | Plain | |
| | | Ffull thread | |
| Length in mm | 20 | 0181 803 020* | |
| | 25 | 0181 803 025* | |
| | 30 | 0181 803 035* | 0181 803 030* |
| | 35 | | 0181 803 035* |
| | 40 | | 0181 803 040* |
| | 45 | | |
| | 50 | | |
| | 55 | | |
| | 60 | | |
| | 70 | | |
| | 80 | | |
| | 90 | | |
| 100 | | | |

*available from fall 2019

ASSY® 3.0 A2

- Universal application in exposed outdoor environments
- Prevents splitting due to ring thread
- Fast bite
- A2 stainless steel
- Utilisation class 3



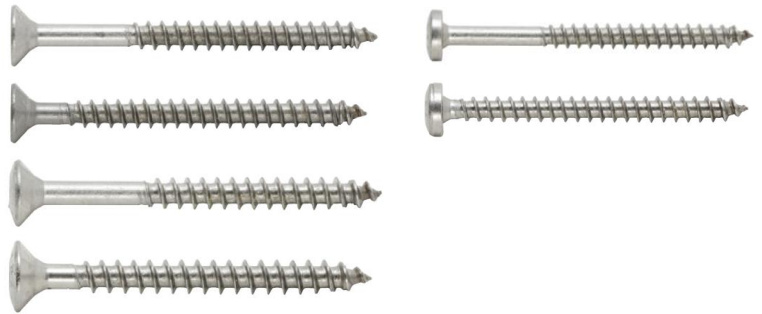
| Ø 3.0mm | | Ø 3.5mm | | | | |
|--------------------|-------------------------|------------------|-------------------------|-------------|------------------|-------------------------|
| Countersunk head | Raised countersunk head | Countersunk head | Raised countersunk head | Pan head | Countersunk head | Raised countersunk head |
| A2 stainless steel | | | | | | |
| Full thread | | Partial thread | | | Full thread | |
| 15 | | | | | | 0180 235 15 |
| 16 | 0180 030 16 | 0180 230 16 | | | | 0180 035 16 |
| 17 | | | | | | |
| 20 | 0180 030 20 | 0180 230 20 | | | | 0180 035 20 0180 235 20 |
| 25 | 0180 030 25 | | | | | 0180 035 25 0180 235 25 |
| 30 | 0180 030 30 | | | | | 0180 035 30 0180 235 30 |
| 35 | 0180 030 35 | | | | | 0180 035 35 0180 235 35 |
| 40 | | | 0180 135 40 0180 335 40 | 0180 535 40 | 0180 035 40 | 0180 235 40 |
| 45 | | | | | | |
| 50 | | | | | | |
| 55 | | | | | | |
| 60 | | | | | | |
| 65 | | | | | | |
| 70 | | | | | | |
| 80 | | | | | | |
| 90 | | | | | | |
| 100 | | | | | | |
| 110 | | | | | | |
| 120 | | | | | | |
| 130 | | | | | | |
| 140 | | | | | | |
| 150 | | | | | | |
| 160 | | | | | | |
| 180 | | | | | | |
| 200 | | | | | | |
| 220 | | | | | | |
| 240 | | | | | | |
| 260 | | | | | | |
| 280 | | | | | | |
| 300 | | | | | | |
| 320 | | | | | | |
| 340 | | | | | | |
| 360 | | | | | | |
| 380 | | | | | | |
| 400 | | | | | | |
| 430 | | | | | | |
| 480 | | | | | | |

Length in mm

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 A2

- Universal application in exposed outdoor environments
- Prevents splitting due to ring thread
- Fast bite
- A2 stainless steel
- Utilisation class 3



| ∅ 4.0mm | | | | | | ∅ 4.5mm | | | |
|---------------------------|-------------------------|-------------|--------------------|--------------------------|-------------|-----------------------|-------------------------|-------------|-------------|
| Counter-sunk head | Raised countersunk head | Pan head | Countersunk head | Raised counter-sunk head | Pan head | Counter-sunk head | Raised countersunk head | Pan head | |
| A2 stainless steel | | | | | | | | | |
| Partial thread | | | Full thread | | | Partial thread | | | |
| 15 | | | | | | | | | |
| 16 | | | 0180 040 16 | | | | | | |
| 17 | | | | | | | | | |
| 20 | | | 0180 040 20 | 0180 240 20 | 0180 440 20 | | | | |
| 25 | | | 0180 040 25 | 0180 240 25 | 0180 440 25 | | | | |
| 30 | | | 0180 040 30 | 0180 240 30 | 0180 440 30 | | | | |
| 35 | | | 0180 040 35 | 0180 240 35 | 0180 440 35 | | | | |
| 40 | 0180 140 40 | 0180 340 40 | 0180 540 40 | 0180 040 40 | 0180 240 40 | 0180 440 40 | | | 0180 545 40 |
| 45 | 0180 140 45 | 0180 340 45 | 0180 540 45 | 0180 040 45 | | | | | |
| 50 | 0180 140 50 | 0180 340 50 | 0180 540 50 | 0180 040 50 | 0180 240 50 | 0180 440 50 | 0180 145 50 | 0180 345 50 | 0180 545 50 |
| 55 | 0180 140 55 | | | 0180 040 55 | | | | | |
| 60 | 0180 140 60 | 0180 340 60 | 0180 540 60 | | | | 0180 145 60 | 0180 345 60 | 0180 545 60 |
| 65 | | | | | | | | | |
| 70 | 0180 140 70 | 0180 340 70 | 0180 540 70 | | | | 0180 145 70 | 0180 345 70 | 0180 545 70 |
| 80 | | | | | | | 0180 145 80 | 0180 345 80 | 0180 545 80 |
| 90 | | | | | | | | | |
| 100 | | | | | | | | | |
| 110 | | | | | | | | | |
| 120 | | | | | | | | | |
| 130 | | | | | | | | | |
| 140 | | | | | | | | | |
| 150 | | | | | | | | | |
| 160 | | | | | | | | | |
| 180 | | | | | | | | | |
| 200 | | | | | | | | | |
| 220 | | | | | | | | | |
| 240 | | | | | | | | | |
| 260 | | | | | | | | | |
| 280 | | | | | | | | | |
| 300 | | | | | | | | | |
| 320 | | | | | | | | | |
| 340 | | | | | | | | | |
| 360 | | | | | | | | | |
| 380 | | | | | | | | | |
| 400 | | | | | | | | | |
| 430 | | | | | | | | | |
| 480 | | | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 A2

- Universal application in exposed outdoor environments
- Prevents splitting due to ring thread
- Fast bite
- A2 stainless steel
- Utilisation class 3



| Ø 4.5mm | | | Ø 5.0mm | | | | |
|--------------------|-------------------------|-------------|------------------|-------------------------|--------------|------------------|-------------------------|
| Countersunk head | Raised countersunk head | Pan head | Countersunk head | Raised countersunk head | Pan head | Countersunk head | Raised countersunk head |
| A2 stainless steel | | | | | | | |
| Full thread | | | Partial thread | | | Full thread | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 20 | 0180 045 20 | | | | | | |
| 25 | 0180 045 25 | | | | | | |
| 30 | 0180 045 30 | | 0180 445 30 | | | 0180 050 30 | |
| 35 | 0180 045 35 | 0180 245 35 | 0180 445 35 | | | | |
| 40 | 0180 045 40 | 0180 245 40 | 0180 445 40 | 0180 150 40 | | 0180 550 40 | 0180 050 40 |
| 45 | 0180 045 45 | 0180 245 45 | 0180 445 45 | | | | |
| 50 | 0180 045 50 | 0180 245 50 | 0180 445 50 | 0180 150 50 | | 0180 550 50 | 0180 050 50 |
| 55 | | | | | | | |
| 60 | 0180 045 60 | 0180 245 60 | | 0180 150 60 | | 0180 550 60 | 0180 050 60 |
| 65 | 0180 045 65 | | | | | | |
| 70 | 0180 045 70 | | | 0180 150 70 | 0180 350 70 | 0180 550 70 | 0180 050 70 |
| 80 | 0180 045 80 | | | 0180 150 80 | 0180 350 80 | 0180 550 80 | |
| 90 | | | | 0180 150 90 | | | |
| 100 | | | | 0180 150 100 | 0180 350 100 | | |
| 110 | | | | | | | |
| 120 | | | | | | | |
| 130 | | | | | | | |
| 140 | | | | | | | |
| 150 | | | | | | | |
| 160 | | | | | | | |
| 180 | | | | | | | |
| 200 | | | | | | | |
| 220 | | | | | | | |
| 240 | | | | | | | |
| 260 | | | | | | | |
| 280 | | | | | | | |
| 300 | | | | | | | |
| 320 | | | | | | | |
| 340 | | | | | | | |
| 360 | | | | | | | |
| 380 | | | | | | | |
| 400 | | | | | | | |
| 430 | | | | | | | |
| 480 | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 A2

- Universal application in exposed outdoor environments
- Prevents splitting due to ring thread
- Fast bite
- A2 stainless steel
- Utilisation class 3



| ∅ 6.0mm | | ∅ 8.0mm | |
|------------------|--|----------|---------------------------------|
| Countersunk head | | Pan head | Countersunk milling pocket head |

| A2 stainless steel | | | |
|--------------------|-------------|--|----------------|
| Partial thread | Full thread | | Partial thread |

| Length in mm | ∅ 6.0mm | | ∅ 8.0mm | |
|--------------|----------------|-------------|----------------|----------------|
| | Partial thread | Full thread | Partial thread | Partial thread |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 20 | | | | |
| 25 | | | | |
| 30 | | | | |
| 35 | | | | |
| 40 | | 0180 060 40 | | |
| 45 | | | | |
| 50 | | 0180 060 50 | | |
| 55 | | | | |
| 60 | 0180 160 60 | 0180 060 60 | | |
| 65 | | | | |
| 70 | 0180 160 70 | 0180 060 70 | | |
| 80 | 0180 160 80 | 0180 060 80 | 0180 460 80 | 0180 180 80 |
| 90 | 0180 160 90 | | | |
| 100 | 0180 160 100 | | 0180 460 100 | 0180 180 100 |
| 110 | 0180 160 110 | | | |
| 120 | 0180 160 120 | | | 0180 180 120 |
| 130 | | | | |
| 140 | 0180 160 140 | | | 0180 180 140 |
| 150 | | | | |
| 160 | 0180 160 160 | | | 0180 180 160 |
| 180 | 0180 160 180 | | | 0180 180 180 |
| 200 | 0180 160 200 | | | 0180 180 200 |
| 220 | | | | 0180 180 220 |
| 240 | | | | 0180 180 240 |
| 260 | | | | 0180 180 260 |
| 280 | | | | 0180 180 280 |
| 300 | | | | 0180 180 300 |
| 320 | | | | |
| 340 | | | | |
| 360 | | | | |
| 380 | | | | |
| 400 | | | | |
| 430 | | | | |
| 480 | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 HCR

- Universal application in corrosive environments
- Prevents splitting due to ring thread
- Fast bite
- HCR stainless steel grade 1.4539 or 1.4529
- Utilisation class 3



| ∅ 4.0mm | ∅ 5.0mm | ∅ 6.0mm | ∅ 4.0mm | ∅ 5.0mm | ∅ 6.0mm |
|---|---------|---------|---|---------|---------|
| Countersunk head | | | | | |
| HCR stainless steel grade 1.4539 | | | HCR stainless steel grade 1.4529 | | |
| Partial thread | | | | | |

| Length in mm | ∅ 4.0mm | ∅ 5.0mm | ∅ 6.0mm | ∅ 4.0mm | ∅ 5.0mm | ∅ 6.0mm |
|--------------|-------------|-------------|--------------|--------------|---------------|--------------|
| | 15 | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 20 | | | | | | |
| 25 | | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |
| 40 | 0180 940 40 | | | 0180 904 40 | | |
| 45 | | | | | | |
| 50 | 0180 940 50 | | | 0180 904 50* | | |
| 55 | | | | | | |
| 60 | 0180 940 60 | 0180 950 60 | | 0180 904 60* | 0180 905 60 | |
| 65 | | | | | | |
| 70 | | 0180 950 70 | | | 0180 905 70 | |
| 80 | | 0180 950 80 | | | 0180 905 80** | |
| 90 | | | | | | |
| 100 | | | 0180 960 100 | | | 0180 906 100 |
| 110 | | | | | | |
| 120 | | | | | | |
| 130 | | | | | | |
| 140 | | | 0180 960 140 | | | 0180 906 140 |
| 150 | | | | | | |
| 160 | | | | | | |
| 180 | | | | | | |
| 200 | | | | | | |
| 220 | | | | | | |
| 240 | | | | | | |
| 260 | | | | | | |
| 280 | | | | | | |
| 300 | | | | | | |
| 320 | | | | | | |
| 340 | | | | | | |
| 360 | | | | | | |
| 380 | | | | | | |
| 400 | | | | | | |
| 430 | | | | | | |
| 480 | | | | | | |

*available from calendar week 1/19 **available from calendar week 6/19

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® PLUS A2

- Universal application in exposed outdoor environments
- Small edge distances due to integrated drilling tip
- High load-bearing capacity
- A2 stainless steel
- Utilisation class 3



| ∅ 3.0mm | ∅ 3.5mm | ∅ 4.0mm | | ∅ 4.5mm | | ∅ 5.5mm | ∅ 6.5mm | ∅ 8.0mm |
|---------------------------|---------|---------------------------|----------------------------|--------------------------|----------------------------|--------------------------|---------|-------------|
| Top head | | Counter-sunk milling head | Raised countersunk head 60 | Countersunk milling head | Raised countersunk head 60 | Countersunk milling head | | Pan head |
| A2 stainless steel | | | | | | | | |
| Partial thread | | | | | | | | Full thread |

| Length in mm | ∅ 3.0mm | ∅ 3.5mm | ∅ 4.0mm | | ∅ 4.5mm | | ∅ 5.5mm | ∅ 6.5mm | ∅ 8.0mm |
|--------------|-------------|---------------------------|----------------------------|--------------------------|----------------------------|--------------------------|-------------|-------------|-------------|
| | Top head | Counter-sunk milling head | Raised countersunk head 60 | Countersunk milling head | Raised countersunk head 60 | Countersunk milling head | | Pan head | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 20 | | | | | | | | | |
| 25 | 0166 103 25 | | | | | | | | |
| 30 | 0166 103 30 | | 0166 14 30 | | | | | | |
| 35 | 0166 103 35 | | 0166 14 35 | | | | | | |
| 40 | 0166 103 40 | | 0166 14 40 | 0166 104 40 | 0166 145 040 | 0166 114 540 | 0166 15 40 | | |
| 45 | 0166 103 40 | | 0166 14 45 | 0166 104 45 | 0166 145 045 | 0166 114 545 | 0166 15 45 | | |
| 50 | 0166 103 50 | | 0166 14 50 | 0166 104 50 | 0166 145 050 | 0166 114 550 | 0166 15 50 | | |
| 55 | | | | | | | | | |
| 60 | | 0166 135 60 | 0166 14 60 | | 0166 145 060 | 0166 114 560 | 0166 15 60 | 0166 16 60 | |
| 70 | | | | | 0166 145 070 | 0166 114 570 | 0166 15 70 | 0166 16 70 | |
| 80 | | | | | 0166 145 080 | 0166 114 580 | 0166 15 80 | 0166 16 80 | |
| 90 | | | | | | | 0166 15 90 | 0166 16 90 | |
| 100 | | | | | | | 0166 15 100 | 0166 16 100 | 0166 28 100 |
| 110 | | | | | | | | | |
| 120 | | | | | | | | 0166 16 120 | 0166 28 120 |
| 130 | | | | | | | | | |
| 140 | | | | | | | | 0166 16 140 | |
| 150 | | | | | | | | | |
| 160 | | | | | | | | 0166 16 160 | |
| 180 | | | | | | | | 0166 16 180 | |
| 200 | | | | | | | | 0166 16 200 | |
| 220 | | | | | | | | | |
| 240 | | | | | | | | | |
| 260 | | | | | | | | | |
| 280 | | | | | | | | | |
| 300 | | | | | | | | | |
| 320 | | | | | | | | | |
| 340 | | | | | | | | | |
| 360 | | | | | | | | | |
| 380 | | | | | | | | | |
| 400 | | | | | | | | | |
| 430 | | | | | | | | | |
| 480 | | | | | | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® 3.0 DECKING SCREW

- Multi-purpose screw for terraces and facades
- Integrated drilling tip for attachments close to edges
- High load-bearing capacities thanks to corrugated shank
- Stainless steel
- Utilisation class 3



| Ø 5.5mm | | | |
|---------------------------------|-----|--------------------|--------------|
| Countersunk milling pocket head | | | |
| A2 stainless steel | | A4 stainless steel | |
| Partial thread | | | |
| Length in mm | 35 | | |
| | 40 | 0166 115 540 | 0169 015 540 |
| | 45 | 0166 115 545 | 0169 015 545 |
| | 50 | 0166 115 550 | 0169 015 550 |
| | 55 | | |
| | 60 | 0166 115 560 | 0169 015 560 |
| | 65 | | |
| | 70 | 0166 115 570 | 0169 015 570 |
| | 80 | 0166 115 580 | 0169 015 580 |
| | 90 | 0166 115 590 | |
| | 100 | 0166 115 510 | |
| | 110 | | |
| 120 | | | |

- Multi-purpose screw for terraces and facades
- For attachments close to edges due to drilling tip
- Gap free joining of components due to different thread pitches
- Stainless steel
- Utilisation class 3



| Ø 5.5mm | | | |
|--------------------|-----|--------------------|--|
| Cylinder head | | | |
| A2 stainless steel | | A4 stainless steel | |
| Double thread | | | |
| Length in mm | 35 | | |
| | 40 | | |
| | 45 | | |
| | 50 | 0166 215 550 | |
| | 55 | | |
| | 60 | 0166 215 560 | |
| | 65 | | |
| | 70 | 0166 215 570 | |
| | 80 | 0166 215 580 | |
| | 90 | | |
| | 100 | | |
| | 110 | | |
| 120 | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® SEALING SCREW A2 PLAIN

- Multi-purpose screw for sheet metal roofs
- Vulcanised, high-quality EPDM sealing washer
- A2 stainless steel
- Plain / oiled surface



| ∅ 4.5mm | | ∅ 5.0mm | |
|--------------------------|--------------|--------------|--------------|
| AW20 | | | |
| Plain A2 stainless steel | | | |
| Washer D15mm | Washer D20mm | Washer D25mm | Washer D20mm |
| partial thread | | | |

| Length in mm | ∅ 4.5mm | | ∅ 5.0mm | |
|--------------|--------------|--------------|--------------|--------------|
| | Washer D15mm | Washer D20mm | Washer D25mm | Washer D20mm |
| 20 | 0238 045 020 | 0238 145 020 | | |
| 25 | 0238 045 025 | 0238 145 025 | 0238 245 025 | |
| 30 | | | | |
| 35 | 0238 045 035 | 0238 145 035 | 0238 245 035 | |
| 40 | | | | |
| 45 | 0238 045 045 | 0238 145 045 | 0238 245 040 | |
| 50 | | | | |
| 60 | 0238 045 060 | 0238 145 060 | 0238 245 060 | |
| 70 | 0238 045 070 | 0238 145 070 | 0238 245 070 | |
| 80 | 0238 045 080 | | | |
| 90 | 0238 045 090 | | | |
| 100 | 0238 045 100 | 0238 145 100 | 0238 245 100 | |
| 120 | 0238 045 120 | 0238 145 120 | 0238 245 120 | |
| 140 | 0238 045 140 | 0238 145 140 | 0238 245 140 | |
| 160 | | | | 0238 150 160 |
| 180 | | | | 0238 150 180 |
| 200 | | | | 0238 150 200 |
| 220 | | | | 0238 150 220 |
| 240 | | | | 0238 150 240 |
| 260 | | | | 0238 150 260 |
| 280 | | | | 0238 150 280 |
| 300 | | | | 0238 150 300 |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® SEALING SCREW A2 COPPER-PLATED

- Multi-purpose screw for sheet metal roofs
- Vulcanised, high-quality EPDM sealing washer
- A2 stainless steel
- Copper-plated surface



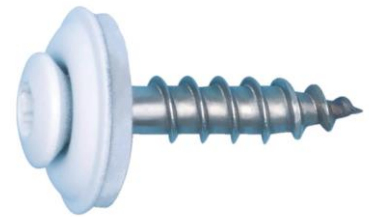
| Ø 4.5mm | | Ø 5.0mm | |
|----------------------------------|--------------|--------------|--------------|
| AW20 | | | |
| Copper-plated A2 stainless steel | | | |
| Washer D15mm | Washer D20mm | Washer D25mm | Washer D20mm |
| Partial thread | | | |

| Length in mm | Ø 4.5mm | | Ø 5.0mm | |
|--------------|--------------|--------------|--------------|--------------|
| | Washer D15mm | Washer D20mm | Washer D25mm | Washer D20mm |
| 20 | 0238 545 020 | 0238 645 020 | 0238 745 020 | |
| 25 | 0238 545 025 | 0238 645 025 | 0238 745 025 | |
| 30 | | | | |
| 35 | 0238 545 035 | 0238 645 035 | 0238 745 035 | |
| 40 | | | | |
| 45 | 0238 545 045 | 0238 645 045 | 0238 745 045 | |
| 50 | | | | |
| 60 | 0238 545 060 | 0238 645 060 | 0238 745 060 | |
| 70 | 0238 545 070 | 0238 645 070 | 0238 745 070 | |
| 80 | 0238 545 080 | 0238 645 080 | | |
| 90 | | | | |
| 100 | 0238 545 100 | 0238 645 100 | | |
| 120 | 0238 545 120 | 0238 645 120 | | |
| 140 | 0238 545 140 | 0238 645 140 | | |
| 160 | | | | 0238 650 160 |
| 180 | | | | 0238 650 180 |
| 200 | | | | 0238 650 200 |
| 220 | | | | 0238 650 220 |
| 240 | | | | |
| 260 | | | | |
| 280 | | | | |
| 300 | | | | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ASSY® SEALING SCREW A2 COLORED

- Multi-purpose screw for sheet metal roofs
- Vulcanised, high-quality EPDM sealing washer
- A2 stainless steel
- High-quality 2C paint, abrasion-resistant and weather-resistant surface



| | | | | | | | |
|-----------------------|-------------------|------------------|------------------|---------------------|------------------|--------------------|-------------------|
| ∅ 4.5mm | | | | | | | |
| AW20 | | | | | | | |
| Washer D15mm | | | | | | | |
| RAL 9010 | RAL 7016 | RAL 9005 | RAL 8012 | RAL 8004 | RAL 3009 | RAL 8014 | RAL 7004 |
| White | Anthracite | Jet black | Red brown | Copper brown | Oxide red | Sepia brown | Mouse grey |
| Partial thread | | | | | | | |

| | | | | | | | | | |
|---------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Length in mm | 20 | | | | | | | | |
| | 25 | 0238 800 025 | 0238 801 025 | 0238 802 025 | 0238 803 025 | 0238 804 025 | 0238 805 025 | 0238 806 025 | 0238 807 025 |
| | 30 | | | | | | | | |
| | 35 | 0238 800 035 | 0238 801 035 | 0238 802 035 | 0238 803 035 | 0238 804 035 | 0238 805 035 | 0238 806 035 | 0238 807 035 |
| | 40 | | | | | | | | |
| | 45 | 0238 800 045 | 0238 801 045 | 0238 802 045 | 0238 803 045 | 0238 804 045 | 0238 805 045 | 0238 806 045 | 0238 807 045 |
| | 50 | | | | | | | | |
| | 60 | | | | | | | | |
| | 70 | | | | | | | | |
| | 80 | | | | | | | | |
| | 90 | | | | | | | | |
| | 100 | | | | | | | | |
| | 120 | | | | | | | | |
| | 140 | | | | | | | | |
| | 160 | | | | | | | | |
| | 180 | | | | | | | | |
| | 200 | | | | | | | | |
| | 220 | | | | | | | | |
| | 240 | | | | | | | | |
| 260 | | | | | | | | | |
| 280 | | | | | | | | | |
| 300 | | | | | | | | | |

The colours may differ slightly from the original colour for production-related reasons

| | | | | | | | |
|---|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |  |
| weiß ≈ RAL 9010 | anthrazit ≈ RAL 7016 | schwarz ≈ RAL 9005 | rotbraun ≈ RAL 8012 | kupferbraun ≈ RAL 8004 | oxidrot ≈ RAL 3009 | sepiabraun ≈ RAL 8014 | mausgrau ≈ RAL 7005 |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

JAMO AND JAMO PLUS

- For structural load-bearing spaced installations
- For wood/anchor and wood/wood connections
- Steel, blue galvanised
- Utilisation classes 1 and 2

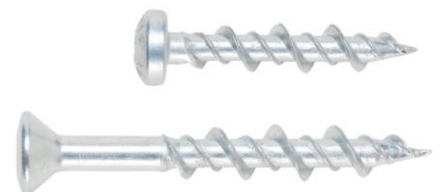


| | | JAMO | JAMO plus |
|--------------|--------------|-----------------------|--------------|
| | | Ø 6mm | |
| | | Countersunk head | |
| | | Blue galvanised steel | |
| | | Partial thread | |
| Length in mm | 50 | 0234 563 50 | 0234 465 50 |
| | 60 | | 0234 465 60 |
| | 70 | 0234 563 70 | 0234 465 70 |
| | 80 | 0234 563 80 | 0234 465 80 |
| | 90 | 0234 563 90 | 0234 465 90 |
| | 100 | 0234 563 100 | 0234 465 100 |
| | 110 | 0234 563 110 | 0234 465 110 |
| | 120 | 0234 563 120 | 0234 465 120 |
| | 130 | 0234 563 130 | 0234 465 130 |
| | 145 | 0234 563 145 | 0234 465 145 |
| 160 | 0234 563 160 | 0234 465 160 | |

The wood components to be joined need to be pre-drilled. The pre-drilled holes should have the same size as the thread's core diameter.

WG FIX

- For fastening wood or sheet metal to gypsum plasterboard or fibreboard
- Utilisation classes 1 and 2



| | | Ø 6.3mm | |
|--------------|----|-----------------------|--------------------|
| | | Pan head | Raised countersunk |
| | | Blue galvanised steel | |
| | | Full thread | Partial thread |
| Length in mm | 30 | 0189 363 30 | |
| | 40 | | |
| | 45 | 0189 363 45 | 0189 306 345 |
| | 50 | | |
| | 55 | | |
| | 60 | 0189 363 60 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project


WASHERS FOR COUNTERSUNK HEAD SCREWS

- To increase head pull-through resistance of countersunk head screws

| | |  |  |  |  |  |  |
|--------------------------|----|---|---|---|--|---|---|
| | | Flat version for countersunk head screws | | | | Recessed version | |
| | | Steel | | | Stainless steel | Steel | |
| | | Blue galvanized | Yellow galv. | Zinc nickel | Plain | Blue galv. | Yellow galv. |
| For screw diameters [mm] | 5 | | | | 0457 55 | | |
| | 6 | 0457 700 106 | 0457 76 | | 0457 56 | 0457 700 006 | 0457 700 6 |
| | 8 | 0457 700 108 | 0457 78 | 0457 700 308 | 045 758 | 0457 700 008 | 0457 700 8 |
| | 10 | 0457 700 110 | 0457 710 | | | 0457 700 010 | 0457 700 10 |
| | 12 | 0457 700 112 | | | | 0457 700 012 | 0457 700 12 |

WASHERS FOR ASSY 3.0 SKII SCREWS

- To increase head pull-through resistance of ASSY 3.0 SK washer head screws

| | |  |
|--------------------------|----|---|
| | | Flat version |
| | | Steel |
| | | Blue galvanized |
| For screw diameters [mm] | 5 | |
| | 6 | |
| | 8 | 0457 700 478 |
| | 10 | |
| | 12 | |

NOTE: These are planning aids. These values must be measured by authorized persons for each project

ANGLED WASHERS FOR COUNTERSUNK HEAD SCREWS

- For shear connections

| | | | | | |
|---------------------------------|-----------|---|---|---|---|
| | |  |  |  |  |
| | | Steel / wood | | Wood / wood | Steel / wood |
| | | Long hole | Round hole | Long hole | |
| | | Steel | | | Stainless steel |
| | | Blue galvanized | | | Plain |
| For screw diameters [mm] | 5 | | | | |
| | 6 | 0457 700 483 | 0457 700 481 | | 0457 700 493 |
| | 8 | 0457 700 484 | 0457 700 482 | 0457 700 468 | 0457 700 494 |
| | 10 | 0457 700 485 | | | |
| | 12 | 0457 700 486 | | | |

FP CONNECTOR

- For economic wood-concrete structures
- For use with 10mm ASSY plus FT countersunk head screws
- Item no. 0165 300 10



NOTE: These are planning aids. These values must be measured by authorized persons for each project

WÜRTH WOOD FASTENERS FOR THE WOODWORKING AND CONSTRUCTION SECTOR

Adolf Würth GmbH & Co.KG
D-74650 Künzelsau
T +049 7940 15-0
F +49 7940 15-1000
info@wuerth.com
www.wuerth.de

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