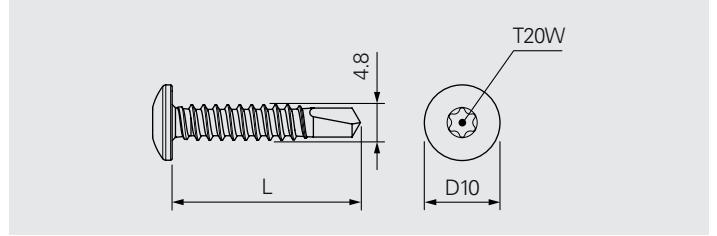
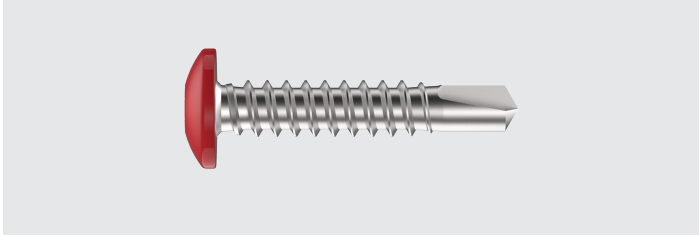


SX3-4.8

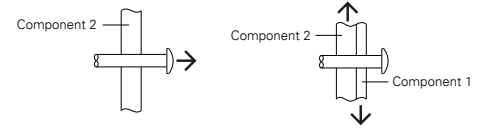


Specification SX3-4.8

Fastener: Stainless steel A2

Drilling-capacity: $\Sigma (t_1 + t_{1l}) \leq 3.0 \text{ mm}$
 Pre-drill \varnothing Component 1: 5.0 mm

Performance



| Component 2 | | | Component 1 | | | Tension | | Shear | | |
|-------------------------------|-----------------------|----------|-------------------------------|-----------------------|-------|----------------|----------|----------------|----------|------|
| Material | $R_{m,min}$ | t_{II} | Material | $R_{m,min}$ | t_I | resistance [N] | N_{Rk} | resistance [N] | V_{Rk} | |
| S280GD–S550GD or S235–S355 | 360 N/mm ² | 1.20 | S280GD–S550GD or S235–S355 | 360 N/mm ² | 1.20 | 900 | 3030 | | | |
| | | 1.50 | | | | 1320 | | | | |
| | | 1.75 | | | | 1940 | | | | |
| | | 2.00 | | | | 2510 | | | | |
| | | 2.50 | | | | 3080 | | | | |
| | | 3.0 | | | | 3720 | | | | |
| | | 1.20 | | | | 1.50 | | | | 900 |
| | | 1.50 | | | | | | | | 1320 |
| | | 1.75 | | | | | | | | 1940 |
| | | 2.00 | | | | | | | | 2510 |
| | | 2.50 | | | | | | | | 3080 |
| | | 3.0 | | | | | | | | 3720 |
| | | 1.20 | | | 1.75 | 900 | | | | 4210 |
| | | 1.50 | | | | 1320 | | | | |
| | | 1.75 | | | | 1940 | | | | |
| | | 2.00 | | | | 2510 | | | | |
| | | 2.50 | | | | 3080 | | | | |
| | | 3.0 | | | | 3720 | | | | |

Shear resistance values reached after a displacement of max. 3.0 mm

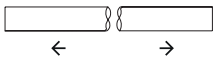
Performance



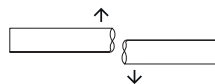
| Component 2 | | | Component 1 | | | Tension | | Shear | |
|-------------------------------|-----------------------|-------|-------------------------------|-----------------------|-------|----------------|----------|----------------|----------|
| Material | $R_{m,min}$ | t_l | Material | $R_{m,min}$ | t_l | resistance [N] | N_{Rk} | resistance [N] | V_{Rk} |
| S280GD–S550GD or S235–S355 | 360 N/mm ² | 1.20 | S280GD–S550GD or S235–S355 | 360 N/mm ² | 2.0 | | 900 | | 3030 |
| | | 1.50 | | | | | 1320 | 4210 | |
| | | 1.75 | | | | | 1940 | 4260 | |
| | | 2.00 | | | | | 2510 | | |
| | | 2.50 | | | | | 3080 | | |
| | | 3.0 | | | | | 3720 | | |
| | | 1.20 | | | | ≥2.50 | | 900 | 3030 |
| | | 1.50 | | | | | | 1320 | 4210 |
| | | 1.75 | | | | | 1940 | 4260 | |
| | | 2.00 | | | | | 2510 | 4310 | |
| | | 2.50 | | | | | 3080 | | |
| | | 3.0 | | | | | 3720 | | |

Shear resistance values reached after a displacement of max. 3.0 mm

Essential characteristics



Tensile breaking load Z_b
7700 N



Shear breaking load Q_b
5600 N

R_m : Tensile strength
 R_k : Characteristic resistance of fastenings