

Schraube: nichtrostender Stahl – DIN EN 10088  
Stahlsorte 1.4301, 1.4401, 1.4567, 1.4578

Scheibe: nichtrostender Stahl – DIN EN 10088  
Stahlsorte 1.4301 oder 1.4401  
mit EPDM- Dichtung

Bauteil I: S280GD bis S550GD – DIN EN 10346

Bauteil II: S235, S275 – DIN EN 10025-1  
S280GD, S320GD, S350GD – DIN EN 10346

Hersteller: REISSER-Schraubentechnik GmbH  
Fritz-Müller-Straße 10  
D - 74653 Ingelfingen-Criesbach

Vertrieb: REISSER-Schraubentechnik GmbH  
Fritz-Müller-Straße 10  
D - 74653 Ingelfingen-Criesbach  
Tel.: 49 (0) 7940 127 - 122  
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Internet: [www.reisser-screws.com](http://www.reisser-screws.com)

| Bohrleistung:<br>$\Sigma (t_{N2} + t_{II}) \leq 6,00 \text{ mm}$ |                       | Bauteil II, $t_{II}$ [mm] |      |                    |                    |      |      |      |      |                    |                    |                    |                    |                    |                    |      |   |   |   |   |   |
|--|-----------------------|---------------------------|------|--------------------|--------------------|------|------|------|------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------|---|---|---|---|---|
|  |                       | 1,50                      | 2,00 | 2,50               | 3,00               | 4,00 | 5,00 | 6,00 | 8,00 | $\geq 10,0$        |                    |                    |                    |                    |                    |      |   |   |   |   |   |
| Bauteil I  | $t_{N1}, t_{N2}$ [mm] | $V_{R,k}$ [kN]            | 0,40 | 0,50               | 0,55               | 0,63 | 0,75 | 0,88 | 1,00 | 0,86 <sup>a)</sup> | 0,86 <sup>a)</sup> | 0,86 <sup>a)</sup> | 0,86 <sup>a)</sup> | 0,86 <sup>a)</sup> | 0,86 <sup>a)</sup> | —    | — | — | — | — |   |
|  |                       | $N_{R,k}$ [kN]            | 0,40 | 1,59 <sup>a)</sup> | 1,70               | 1,70 | 1,70 | 1,70 | 1,70 | 1,70               | 1,70               | 1,70               | 1,70               | 1,70               | 1,70               | 1,70 | — | — | — | — | — |
|  |                       |                           | 0,50 | 1,88 <sup>a)</sup> | 1,88 <sup>a)</sup> | 2,00 | 2,00 | 2,00 | 2,00 | 2,00               | 2,00               | 2,00               | 2,00               | 2,00               | 2,00               | 2,00 | — | — | — | — | — |
|  |                       |                           | 0,55 | 2,00               | 2,10               | 2,10 | 2,10 | 2,10 | 2,10 | 2,10               | 2,10               | 2,10               | 2,10               | 2,10               | 2,10               | 2,10 | — | — | — | — | — |
|  |                       |                           | 0,63 | 2,10               | 2,30               | 2,30 | 2,30 | 2,30 | 2,30 | 2,30               | 2,30               | 2,30               | 2,30               | 2,30               | 2,30               | 2,30 | — | — | — | — | — |
|  |                       |                           | 0,75 | 2,30               | 2,50               | 2,50 | 2,50 | 2,50 | 2,50 | 2,50               | 2,50               | 2,50               | 2,50               | 2,50               | 2,50               | 2,50 | — | — | — | — | — |
|  |                       |                           | 0,88 | 2,50               | 2,70               | 2,70 | 2,70 | 2,70 | 2,70 | 2,70               | 2,70               | 2,70               | 2,70               | 2,70               | 2,70               | 2,70 | — | — | — | — | — |
|  | 1,00                  |                           | 2,70 | 2,90               | 2,90               | 2,90 | 2,90 | 2,90 | 2,90 | 2,90               | 2,90               | 2,90               | 2,90               | 2,90               | 2,90               | —    | — | — | — | — |   |
|  | $d, D$ [mm]           | $u$ [mm]                  | 30   | 12,0               | 8,0                | 8,0  | 8,0  | 5,0  | 5,0  | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — |   |
|  |                       |                           | 40   | 13,5               | 11,0               | 11,0 | 11,0 | 7,0  | 7,0  | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — |   |
|  |                       |                           | 50   | 15,0               | 15,0               | 15,0 | 15,0 | 11,0 | 9,0  | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — |   |
|  |                       |                           | 60   | 17,5               | 17,5               | 17,5 | 17,5 | 13,0 | 10,0 | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — |   |
|  |                       |                           | 70   | 20,0               | 20,0               | 20,0 | 20,0 | 15,0 | 10,5 | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — |   |
|  |                       |                           | 80   | 23,0               | 23,0               | 23,0 | 23,0 | 17,0 | 12,0 | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — | — |
| 100  |                       |                           | 23,0 | 23,0               | 23,0               | 23,0 | 17,0 | 13,5 | —    | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — |   |
| 120  |                       |                           | 23,0 | 23,0               | 23,0               | 23,0 | 17,0 | 13,5 | —    | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — | — | — |   |
| $\geq 140$   | 23,0                  | 23,0                      | 23,0 | 23,0               | 17,0               | 13,5 | —    | —    | —    | —                  | —                  | —                  | —                  | —                  | —                  | —    | — | — |   |   |   |

a) Bei Bauteil I aus S320GD bis S550GD dürfen die Werte um 8,2 % erhöht werden.

**Gewindeformende Schrauben zur Verbindung von Sandwichelementen mit Unterkonstruktionen aus Stahl oder Holz**

RP-K-6,3 x L, RP-K-FK-6,3 x L

Anlage 2.19