

Loads

EasyHook Round and Loop in combination with DuoPower

Recommended loads¹⁾ for a single anchor.

| Type | | Round 6 | | Round 8 | | Loop 6 | | Loop 8 | | |
|--|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|----|
| Screw diameter | [mm] | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | |
| DuoPower plug | [mm] | 6 x 30 | 6 x 30 | 8 x 40 | 8 x 40 | 6 x 30 | 6 x 30 | 8 x 40 | 8 x 40 | |
| Recommended tension (N_{rec}) or shear loads (V_{rec}) | | N_{rec} | V_{rec} | N_{rec} | V_{rec} | N_{rec} | V_{rec} | N_{rec} | V_{empf} | |
| Concrete | ≥ C20/25 | [kg] | 12 | 5 | 23 | 10 | 34 | 13 | 60 | 20 |
| Vertically perforated brick | ≥ Hz 12 ($\rho \geq 0.9 \text{ kg/dm}^3$) | [kg] | 12 | 4 | 19 | 10 | 34 | 13 | 38 | 18 |
| Aerated concrete | ≥ PB2, PP2 | [kg] | 8 | 4 | 7 | 6 | 8 | 6 | 8 | 8 |
| Gypsum plasterboard | 12.5 mm | [kg] | 7 | 5 | 8 | 5 | 7 | 10 | 8 | 8 |

¹⁾ Required safety factors are considered. Load values are valid for using the supplied screw.