

## SHARK TWIST LOAD CAPACITIES

ANCHOR SIZE (mm)	6	8	10	12	14
SCREW SIZE ASSY-D (mm)	5	6	8	10	12
BASE MATERIAL	F rec [kN]	F rec [kN]	F rec [kN]	F rec [kN]	F rec [kN]
Vertically perforated brickw ≥ Hlz12	0.25	0.35	0.4	0.5	0.6
Hollow calcium silicate block ≥ KSL12	0.5	0.7	1	1.4	1.6
Autoclaved aerated concrete PB2; PP2	0.15	0.2	0.25	0.4	0.5
Gypsum building panels p≥ 0.85 kg/dm <sup>3</sup>	0.22	0.35	0.5	0.6	0.7
Gypsum plasterboard dia. = 12.5 mm	0.1	0.2	0.2	-	-
Gypsum plasterboard dia. = 25 mm	0.2	0.25	0.35	-	-
Gypsum Fiberboard dia. = 10 mm	0.3	0.35	0.45	-	-
Concrete ≥ C20/25	0.9	1.2	2	3	3.2
Solid Brick ≥ MZ12	0.6	0.9	1.5	2	2.2
Solid calcium silicate block ≥ KSV12	0.7	1.4	2.3	3	3.2

1. The recommended tension load is valid for the respected plug size with the given screw diameter. The values include a safety factor of 5. It is always recommended to conduct pull-out tests when the base materials are unknown in type and strength.
2. When using other type of screws and diameters, this chart is to be taken as a guide.

