











Technical data for bracket MQK (stainless steel)

		Type of load 1 Uniform	Type of load 2 Single	Type of load 3	Type of load 4	Type of load 5
						
Bracket	L (mm)	F1 [N]	F1 [N]	F1 [N]	F2 [N]	F3 [N]
stainless steel A4 without angle brace		HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10
MQK-21/300 R	300	632	632	331	316	211
MQK-21/450 R	450	431	431	188	216	144
MQK-41/300 R	300	2140	2140	1156	1070	713
MQK-41/450 R	450	1496	1496	789	748	499
MQK-41/600 R	600	1147	1147	598	574	382
MQK-21 D/450 R	450	1576	1576	831	788	525
MQK-41 D/750 R	750	1929	1929	997	965	643

- * The bearing capacity of the bracket with attachment **HST3-R M12** with h_{ef} min 70 mm alternative **HUS-HR 10x105** with h_{ef} min 71 mm.
- Load values are for grade \geq C20/25 concrete.
 - The bracket's own weight has been considered.
 - The load's apply only if the bracket is fastened away from abuilding component edge (fastenings made at component edges must be designed separately).
 - Separate verification must be provided that forces are transferred to the respective base material, i.e. steel and concrete.
 - The application guidelines in anchor approvals must be observed. Loading values according to approval status May 2016.
 - The deflection (deformation) of L/150 was observed in all cases, this being measured ath the point of load application.

Technical data for bracket MQK with angle brace (stainless steel)

		Type of load 1 Uniform	Type of load 2 Single	Type of load 3	Type of load 4	Type of load 5
						
Bracket	L (mm)	F1 [N]	F1 [N]	F1 [N]	F2 [N]	F3 [N]
stainless steel A4 with angle brace		HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10	HST3-R M12 HUS-HR 10
MQK-21/450 R k	450	3961	2361	526	1746	1488
MQK-41/450 R k	450	5463	5467	2212	2733	1822
MQK-41/600 R l	600	5386	3193	2424	2336	1797
MQK-21 D/450 R k	450	5460	5463	2166	2732	1821
MQK-41 D/750 R l	750	4291	4294	2131	2146	1431

- k = MQK-SK-R l = MQK-SL-R
- * The bearing capacity of the bracket with attachment **HST-R M12** with h_{ef} min 70 mm alternative **HUS-HR 10x105** with h_{ef} min 71 mm.
- Load values are for grade \geq C20/25 concrete.
 - The bracket's own weight has been considered.
 - The load's apply only if the bracket is fastened away from abuilding component edge (fastenings made at component edges must be designed separately).
 - Separate verification must be provided that forces are transferred to the respective base material, i.e. steel and concrete.
 - The application guidelines in anchor approvals must be observed. Loading values according to approval status May 2016.
 - The deflection (deformation) of L/150 was observed in all cases, this being measured ath the point of load application.