






## Technical data for bracket MQK (zincd)

Bracket	L (mm)	Type of load 1 Uniform	Type of load 2 Single	Type of load 3	Type of load 4	Type of load 5
		$F_1 = q \cdot i$  <b>F1 [N]</b>	 <b>F1 [N]</b>	 <b>F1 [N]</b>	 <b>F2 [N]</b>	 <b>F3 [N]</b>
galvanized without brace		HST3 M12 HUS3-H 10	HST3 M12 HUS3-H 10	HST3 M12 HUS3-H 10	HST3 M12 HUS3-H 10	HST3 M12 HUS3-H 10
MQK-21/300	300	546	546	284	273	182
MQK-21/450	450	370	370	188	185	123
MQK-41/300	300	2235	2235	1204	1117	745
MQK-41/450	450	1560	1560	822	780	520
MQK-41/600	600	1196	1196	622	598	399
MQK-41/1000	1000	581	697	218	327	211
MQK-41/3/300	300	2321	2321	1228	1161	774
MQK-41/3/450	450	1600	1600	832	800	533
MQK-41/3/600	600	1216	1216	626	608	405
MQK-41/600/4	600	1148	1148	596	574	383
MQK-41/1000/4	1000	581	697	218	327	211
MQK-72/450	450	4003	4003	2212	2001	1334
MQK-72/600	600	3143	3143	1699	1571	1048
MQK-21 D/300	300	2253	2253	1209	1127	751
MQK-21 D/450	450	1567	1567	823	784	522
MQK-21 D/600	600	1197	1197	574	598	399
MQK-41 D/1000	1000	2045	2045	1076	1022	682

\* Sustainability of the bracket with the attachment **HST3 M12** with  $h_{\text{a}}$  min 70 mm or alternatively with the **HUS3-H 10** with  $h_{\text{a}}$  min 67 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 at the point of load application.