

MT Brackets - Outdoor

Technical data for brackets (Hot-dip galvanized)

		HST3 M10 / HUS3-H / HUS4-H 8	HST3 M10 / HUS3-H / HUS4-H 8	HST3 M10 / HUS3-H / HUS4-H 8	HST3 M10 / HUS3-H / HUS4-H 8	HST3 M10 / HUS3-H / HUS4-H 8
Bracket without bracing	L	F1	F1	F1	F2	F3
	[mm]	N	N	N	N	N
MT-BR-30/300 / OC	300	549	549	362	274	183
MT-BR-30/450 / OC	450	433	433	249	217	144

Technical data for brackets (Hot-dip galvanized)

		HST3 M12 / HUS3-H / HUS4-H	HST3 M12 / HUS3-H / HUS4-H	HST3 M12 / HUS3-H / HUS4-H	HST3 M12 / HUS3-H / HUS4-H	HST3 M12 / HUS3-H / HUS4-H
Bracket without bracing	L	F1	F1	F1	F2	F3
	[mm]	N	N	N	N	N
MT-BR-40/300 / OC	300	2491	2491	1568	1246	830
MT-BR-40/450 / OC	450	1921	1921	1142	960	640
MT-BR-40/600 / OC	600	1561	1561	669	781	520
MT-BR-40/1000 / OC	1000	629	755	236	354	229
MT-BR-40 O4/600 OC	600	1416	1416	669	708	472
MT-BR-40 O4/1000 OC	1000	629	755	236	354	229
MT-BR-40D/600 / OC	600	2428	2428	1365	1214	809
MT-BR-40D/1000 / OC	1000	1579	1579	851	789	526
MT-BR-40D O4/600 OC	600	3511	3511	2035	1755	1170
MT-BR-40D O4/1000 OC	1000	2347	2347	1246	1174	782
MT-BR-40D O4/1500 OC	1500	1441	1642	540	810	524

Design resistance

anchors HST3 M12 with anchorage depth of hef=70mm
 anchors HST3 M10 with anchorage depth of hef=60mm
 anchors HUS3H 10 with anchorage depth of hef=67mm
 anchors HUS3H 8 with anchorage depth of hef=55mm
 cracked concrete ³ C20/25
 anchor resistance based on infinite edge distance
 all holes must be filled with Hilti HIT-HY dynamic set
 all anchors must work for shear, therefore holes must be filled with Hilti HIT-HY dynamic set
 maximum deflection of L/150 considered
 self weight of channel considered