



ETA 15/0784



Z-21.1-2103



Ø x l	Wrench size hexagon	Drill Ø	Clamping length t _{fix}	Anchor depth h _{nom}	Washer-Ø
6 x 40	8	5.0	5	35	11.0
6 x 50	8	5.0	5 - 15	45 - 35	11.0
6 x 60	8	5.0	15 - 25	45 - 35	11.0
6 x 80	8	5.0	35 - 45	45 - 35	11.0
7.5 x 35	10	6.0	1	35	14.0
7.5 x 40	10	6.0	5	35	14.0
7.5 x 50	10	6.0	15	35	14.0
7.5 x 60	10	6.0	5 - 25	55 - 35	14.0
7.5 x 80	10	6.0	25 - 45	55 - 35	14.0
7.5 x 100	10	6.0	45 - 65	55 - 35	14.0
7.5 x 120	10	6.0	65 - 85	55 - 35	14.0
7.5 x 140	10	6.0	85 - 105	55 - 35	14.0
10 x 60	13	8.0	10	50	19.0
10 x 70	13	8.0	5 - 20	65 - 50	19.0
10 x 80	13	8.0	15 - 30	65 - 50	19.0
10 x 100	13	8.0	35 - 50	65 - 50	19.0
10 x 120	13	8.0	55 - 70	65 - 50	19.0
10 x 140	13	8.0	75 - 90	65 - 50	19.0
10 x 160	13	8.0	95 - 110	65 - 50	19.0
12 x 80	15	10.0	5	75	22.0
12 x 90	15	10.0	1 - 15	90 - 75	22.0
12 x 100	15	10.0	10 - 25	90 - 75	22.0
12 x 120	15	10.0	30 - 45	90 - 75	22.0
12 x 140	15	10.0	50 - 65	90 - 75	22.0
12 x 160	15	10.0	70 - 85	90 - 75	22.0
16 x 120	21	14.0	5 - 20	115 - 100	30.0
16 x 130	21	14.0	15 - 30	115 - 100	30.0

Table: Loading capacities from MULTI-MONTI®-plus screw anchors

MULTI-MONTI®-plus	Ø 6	Ø 7,5	Ø 10	Ø 12
Bricks				
Approval: Z-21.1-2103				
Anchor depth	35/45	35/55	65	75
Load capacity N _{ax} [kN]	0.9/1.5	0.75/1.2	2.5	1.5
Load capacity V _{ax} [kN]	0.9/1.5	0.75/1.2	2.5	1.5
Sand-lime brick				
Approval: Z-21.1-2103				
Anchor depth	35/45	35/55	65	75
Load capacity N _{ax} [kN]	1.5	0.9/1.2	0.9	0.9
Load capacity V _{ax} [kN]	1.5	0.9/1.2	0.9	0.9
Perforated sand-lime bricks				
Approval: Z-21.1-2103				
Anchor depth	35/45	35/55	65	75
Load capacity N _{ax} [kN]	0.9	0.9	1.5	1.5
Load capacity V _{ax} [kN]	0.9	0.9	1.5	1.5
Lightweight concrete				
Approval: Z-21.1-2103				
Anchor depth	-	-	65	75
Load capacity N _{ax} [kN]	-	-	0.75	0.75
Load capacity V _{ax} [kN]	-	-	0.75	0.75
Cracked concrete C20/25				
Approval: ETA-15/0784				
Anchor depth	35/45	35/55	50/65	75/90
Admissible load capacity N _{adm} [kN]	0.5/0.7	1.0/2.0	3.0/4.4	5.9/7.9
Non-cracked concrete C20/25				
Approval: ETA-15/0784				
Anchor depth	35/45	35/55	50/65	75/90
Admissible load capacity N _{adm} [kN]	2.7/4.0	2.0/7.1	5.4/8.8	10.7/14.6