

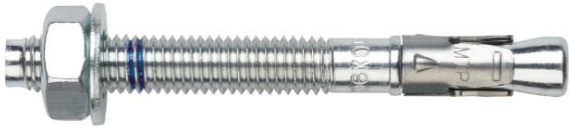


Through bolt anchor for heavy loads in cracked and non-cracked concrete

INDEX

MTP

Option 1 ETA Assessed. Zinc-plated shaft. A4 Stainless clip



Assessments:



Material for use:

SOLID



Cracked
concrete



Concrete



Reinforced
concrete



Stone

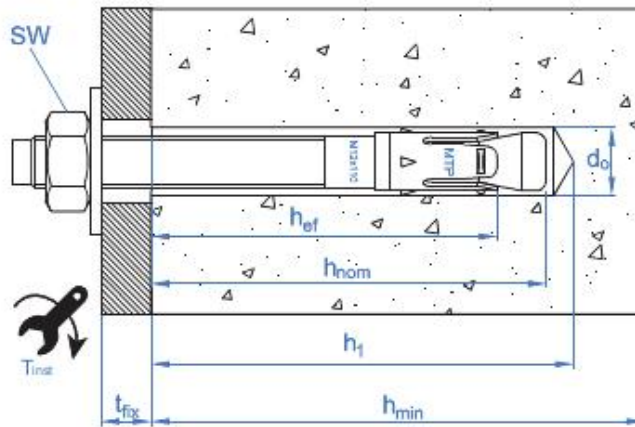
Product Material / Covering:

Zinc-plated

PROFESSIONAL BOX

	CODE	DIMENSIONS			EAN	PRICE
	AP08050	M8 x 50 Ø8	100 pcs.	800 pcs.	8423533710505	73,277
	AP08075	M8 x 75 Ø8	100 pcs.	600 pcs.	8423533710512	77,613
	AP08095	M8 x 95 Ø8	100 pcs.	600 pcs.	8423533710529	81,850
	AP08115	M8 x 115 Ø8	100 pcs.	400 pcs.	8423533710536	100,423
	AP10090	M10 x 90 Ø10	100 pcs.	400 pcs.	8423533710543	106,120
	AP10105	M10 x 105 Ø10	50 pcs.	300 pcs.	8423533710550	125,940
	AP10115	M10 x 115 Ø10	50 pcs.	200 pcs.	8423533710567	133,267
	AP10135	M10 x 135 Ø10	50 pcs.	200 pcs.	8423533710574	153,153
	AP10165	M10 x 165 Ø10	50 pcs.	200 pcs.	8423533710581	184,297
	AP10185	M10 x 185 Ø10	50 pcs.	150 pcs.	8423533710598	195,237
	AP12080	M12 x 80 Ø12	50 pcs.	300 pcs.	8423533710604	151,800
	AP12100	M12 x 100 Ø12	50 pcs.	200 pcs.	8423533749932	166,517
	AP12110	M12 x 110 Ø12	50 pcs.	200 pcs.	8423533710611	162,530
	AP12120	M12 x 120 Ø12	50 pcs.	200 pcs.	8423533710628	198,500
	AP12130	M12 x 130 Ø12	50 pcs.	200 pcs.	8423533710635	205,480
	AP12150	M12 x 150 Ø12	50 pcs.	100 pcs.	8423533710642	242,613
	AP12180	M12 x 180 Ø12	50 pcs.	150 pcs.	8423533710659	289,400
	AP12200	M12 x 200 Ø12	50 pcs.	150 pcs.	8423533710666	338,590
	AP16145	M16 x 145 Ø16	25 pcs.	100 pcs.	8423533710673	375,847
	AP16175	M16 x 175 Ø16	25 pcs.	50 pcs.	8423533710680	485,353
	AP16220	M16 x 220 Ø16	25 pcs.	50 pcs.	8423533710697	569,827
	AP16250	M16 x 250 Ø16	25 pcs.	50 pcs.	8423533710703	738,970
	AP20170	M20 x 170 Ø20	20 pcs.	40 pcs.	8423533710710	733,377
	AP20200	M20 x 200 Ø20	20 pcs.	40 pcs.	8423533710727	872,050
	AP24205	M24 x 205 Ø24	10 pcs.	30 pcs.	8423533783738	1687,647
	AP24235	M24 x 235 Ø24	10 pcs.	20 pcs.	8423533783745	1867,543

TECHNICAL INFORMATION



CODE DIMENSIONS	Drill	Ø element to fix	Hole depth min.	Min. substrate thickness	Min. anchor depth	Effective depth	Max. fixture thickness	Torque	Min. distance to edge	Min. distance from axis	Installation key	Tension load non- cracked concrete	Shear load non- cracked concrete	Tension load cracked concrete	Shear load cracked concrete
AP08050 M8 x 50 Ø8	8	9	40	100	37	30	2	20	72	144	13	182	402	130	287
AP08075 M8 x 75 Ø8	8	9	60	100	55	48	9	20	72	144	13	364	641	202	484
AP08095 M8 x 95 Ø8	8	9	60	100	55	48	29	20	72	144	13	364	641	202	484
AP08115 M8 x 115 Ø8	8	9	60	100	55	48	49	20	72	144	13	364	641	202	484
AP10090 M10 x 90 Ø10	10	12	75	120	68	60	10	40	90	180	17	777	949	437	949
AP10105 M10 x 105 Ø10	10	12	75	120	68	60	25	40	90	180	17	777	949	437	949
AP10115 M10 x 115 Ø10	10	12	75	120	68	60	35	40	90	180	17	777	949	437	949
AP10135 M10 x 135 Ø10	10	12	75	120	68	60	55	40	90	180	17	777	949	437	949
AP10165 M10 x 165 Ø10	10	12	75	120	68	60	85	40	90	180	17	777	949	437	949
AP10185 M10 x 185 Ø10	10	12	75	120	68	60	105	40	90	180	17	777	949	437	949
AP12080 M12 x 80 Ø12	12	14	65	100	60	50	4	60	105	210	19	585	1223	417	1223
AP12100 M12 x 100 Ø12	12	14	85	140	80	70	4	60	105	210	19	971	1223	582	1223
AP12110 M12 x 110 Ø12	12	14	85	140	80	70	14	60	105	210	19	971	1223	582	1223
AP12120 M12 x 120 Ø12	12	14	85	140	80	70	24	60	105	210	19	971	1223	582	1223
AP12130 M12 x 130 Ø12	12	14	85	140	80	70	34	60	105	210	19	971	1223	582	1223
AP12150 M12 x 150 Ø12	12	14	85	140	80	70	54	60	105	210	19	971	1223	582	1223
AP12180 M12 x 180 Ø12	12	14	85	140	80	70	84	60	105	210	19	971	1223	582	1223
AP12200 M12 x 200 Ø12	12	14	85	140	80	70	104	60	105	210	19	971	1223	582	1223
AP16145 M16 x 145 Ø16	16	18	105	170	97	85	28	100	128	255	24	1699	2225	1214	2225
AP16175 M16 x 175 Ø16	16	18	105	170	97	85	58	100	128	255	24	1699	2225	1214	2225

AP16220	M16 x 220 Ø16	16	18	105	170	97	85	103	100	128	255	24	1699	2225	1214	2225
AP16250	M16 x 250 Ø16	16	18	105	170	97	85	133	100	128	255	24	1699	2225	1214	2225
AP20170	M20 x 170 Ø20	20	22	125	200	114	100	32	200	150	300	30	2427	4258	1456	3495
AP20200	M20 x 200 Ø20	20	22	125	200	114	100	62	200	150	300	30	2427	4258	1456	3495
AP24205	M24 x 205 Ø24	24	26	155	250	143	125	35	250	188	375	36	2023	4934	1214	4884
AP24235	M24 x 235 Ø24	24	26	155	250	143	125	65	250	188	375	36	2023	4934	1214	4884

CHARACTERISTICS



RECOMMENDED FOR



TECHNICAL DOCUMENTATION



APPROVAL SHEET

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