

# MHA Sleeve Anchor

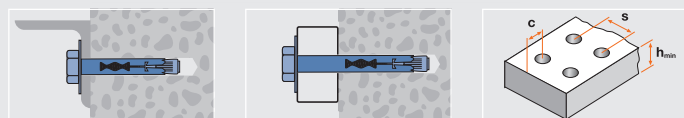


## Features

- Small edge and space distances
- Torque controlled expansion
- Zinc plated > 5µm
- Through fixing

## Applications

steel constructions, machines, profiles, under-constructions



## Technical Data

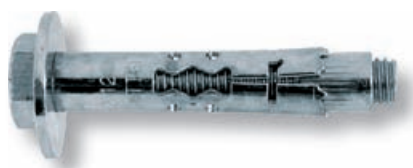
	Concrete C20/25 tension load (kN)	Concrete C20/25 shear load (kN)	Bending moment (Nm)	Distance betw. anchors (s) mm	Edge distance (c) mm	Min. thickness of found. (h <sub>min</sub> ) mm	Tighten torque (Nm)	Spanner size MHA-S	Spanner size MHA-B
M6	2	3.2	4.2	105	55	70	8	10	10
M8	3	3.5	5.3	120	60	80	25	13	13
M10	5	6.0	12.8	150	75	100	40	17	15
M12	7.5	8.5	25	225	115	150	50	-	19

Safety factor 3 / 1 kN ± 100 kg

## Installation



## MHA-S Sleeve Anchor with hexagon screw



Article code	Drill Ø mm	Length mm	Thread	Drilling depth mm	Usable length mm	Setting depth min. mm	Box contents FS	Outer carton SK
1590804	8	45	M6	55	5	35	100 <sup>11</sup>	1200 <sup>22</sup>
1590806	8	60	M6	55	15	35	100 <sup>21</sup>	900 <sup>22</sup>
1591006	10	60	M8	60	15	40	50 <sup>21</sup>	450 <sup>22</sup>
1591008	10	80	M8	60	25	40	50 <sup>31</sup>	300 <sup>22</sup>
1591207	12	70	M10	70	15	50	50 <sup>31</sup>	300 <sup>22</sup>
1591210	12	100	M10	70	35	50	25 <sup>21</sup>	225 <sup>22</sup>

## MHA-B Sleeve Anchor with threaded bolt and nut



Article code	Drill Ø mm	Length mm	Thread	Drilling depth mm	Usable length mm	Setting depth min. mm	Box contents FS	Outer carton SK
1580804	8	40	M6	55	5	35	100 <sup>11</sup>	1200 <sup>22</sup>
1580806	8	65	M6	55	25	35	50 <sup>11</sup>	600 <sup>22</sup>
1581005	10	50	M8	60	5	40	50 <sup>11</sup>	600 <sup>22</sup>
1581007	10	75	M8	60	30	40	50 <sup>21</sup>	450 <sup>22</sup>
1581009	10	95	M8	60	50	40	25 <sup>11</sup>	300 <sup>22</sup>
1581012	10	125	M8	60	80	40	25 <sup>21</sup>	300 <sup>22</sup>
1581014	10	145	M8	60	100	40	25 <sup>31</sup>	150 <sup>22</sup>
1581207	12	75	M10	70	15	50	25 <sup>11</sup>	300 <sup>22</sup>
1581210	12	100	M10	70	40	50	20 <sup>11</sup>	240 <sup>22</sup>
1581213	12	130	M10	70	70	50	20 <sup>21</sup>	180 <sup>22</sup>
1581215	12	150	M10	70	90	50	20 <sup>31</sup>	120 <sup>22</sup>
1581606	16	65	M12	95	5	75	20 <sup>11</sup>	240 <sup>22</sup>
1581611	16	110	M12	95	25	75	10 <sup>11</sup>	120 <sup>22</sup>
1581614	16	145	M12	95	60	75	20 <sup>41</sup>	60 <sup>12</sup>
1581617	16	170	M12	95	85	75	15 <sup>41</sup>	45 <sup>12</sup>