HECO SCHRAUBEN

MULTI-MONTI®-plus

THE NEW MULTI-MONTI WITH THE BIG PLUS







MULTI-MONTI®-plus

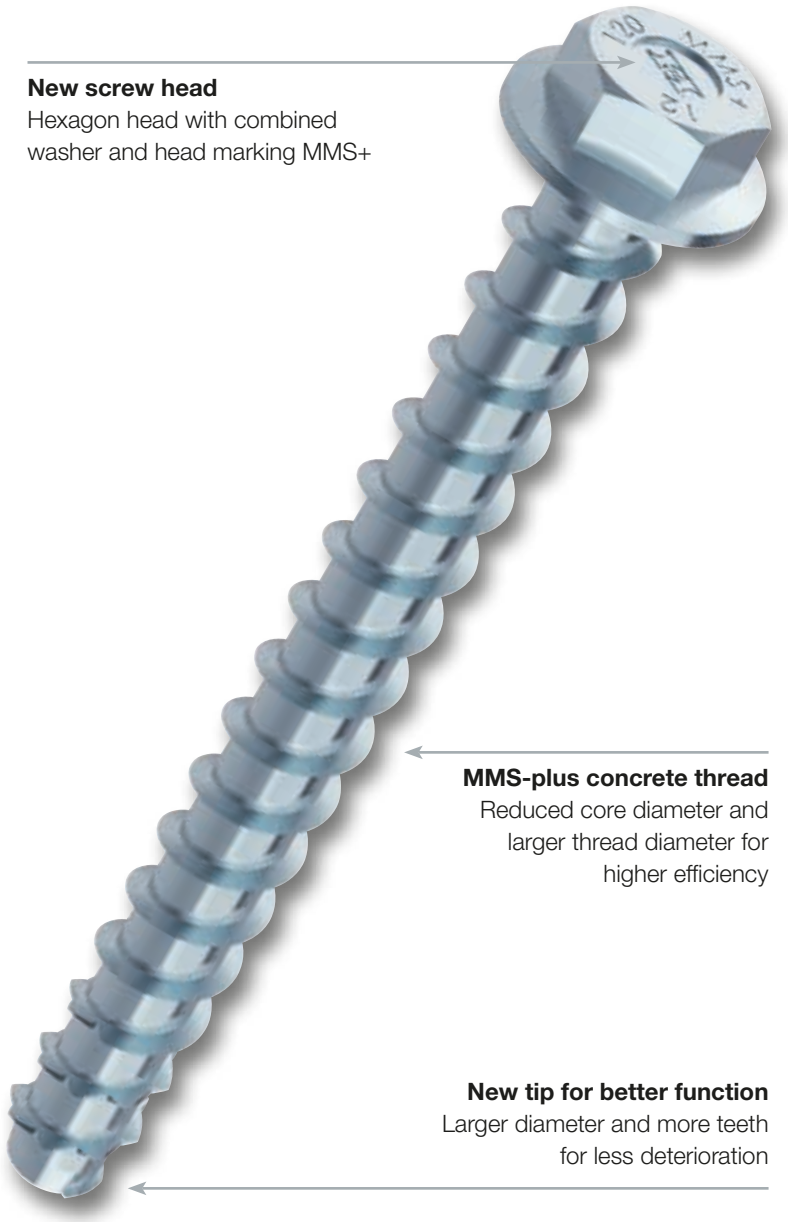
PRODUCT INFORMATION

- New Standard: hexagon head with combined washer
- Optimized concrete thread for higher efficiency
- More load classes per diameter and improved mounting security
- Settable by means of power-tools and immediately loadbearing
- Broader product range including pre-set anchors MMS-plus V for example
- Wider approved assortment of products for ETA option 1 from MMS-plus 6, including seismic

ETA-15/0784



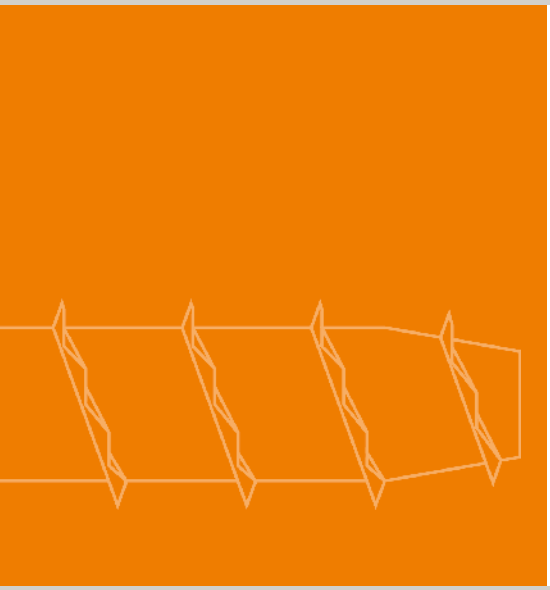
The new MULTI-MONTI® with the big Plus



New screw head
Hexagon head with combined washer and head marking MMS+

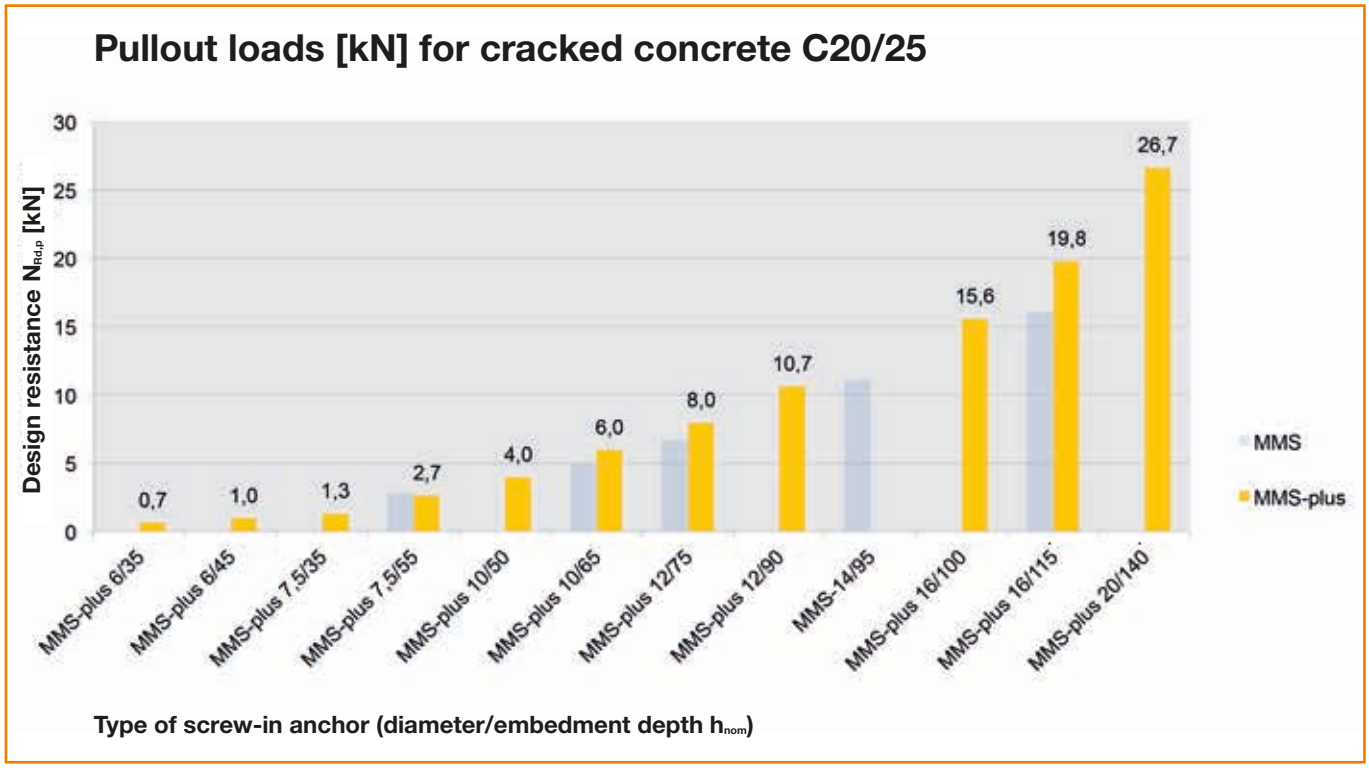
MMS-plus concrete thread
Reduced core diameter and larger thread diameter for higher efficiency

New tip for better function
Larger diameter and more teeth for less deterioration





LOADCLASSES ACCORDING TO ETA-ASSESSMENT

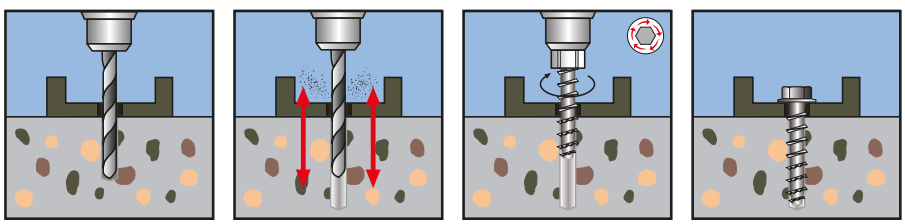


MMS (ETA 05/0010), MMS-plus (ETA 15/0784)

* MMS-plus Ø 16 & 20 (in process)

The right way to install

1. Drill a hole
2. Remove dust
3. Insert anchor
4. Finished







APPLICATION EXAMPLES



Prop assemblance



Pipe mounting



Assembling of supporting props



Fixing of cable ducts



Fixing of railing



Fixing of brackets and console bearers

Maximum admissible loads for anchorages with single anchors in cracked and non-cracked concrete according to ETA-15/0784

(The complete assessment needs to be taken into account when calculating loads)

Anchor-size				MMS-plus 6		MMS-plus 7,5		MMS-plus 10		MMS-plus 12	
				galv.		galv.		galv.		galv.	
Embedment overall	h_{nom}	=	[mm]	35	45	35	55	50	65	75	90
Max. admissible tension load*) "N_{zul}" of a single anchor without edge influence[1)]											
Cracked concrete C20/25[3)]			[kN]	0,5	0,7	1,0	2,0	3,0	4,4	5,9	7,9
Non-cracked concrete C20/25[3)]			[kN]	2,0	3,0	2,0	4,4	5,9	7,9	9,9	12,3
Max. admissible shear load*) "V_{zul}" of a single anchor without edge influence[2)]											
Cracked concrete C20/25[3)]			[kN]	2,3	2,4[5)]	2,4	3,6[5)]	3,8	6,3	7,7	14,3[5)]
Non-cracked concrete C20/25[3)]			[kN]	2,4[5)]	2,4[5)]	3,4	3,6[5)]	5,4	8,1[5)]	10,7	14,3[5)]
Admissible bending load*) "M_{zul}"											
			[Nm]	4,0		8,4		20,4		39,6	
Dimensions of concrete member and installation data											
Nominal drill diameter	d_0	=	[mm]	5,0		6,0		8,0		10,0	
Drilling depth	h_1	≥	[mm]	40	50	40	65	60	75	85	100
Embedment overall	h_{nom}	≥	[mm]	35	45	35	55	50	65	75	90
Calculating embedment	h_{ef}	=	[mm]	26	35	26	43	36	50	57	70
Min. spacing	s_{min}	=	[mm]	30		40		40	50	60	
Min. edge distance	c_{min}	=	[mm]	30		40		40	50	60	
Min. thickness of concrete member	h_{min}	=	[mm]	100		100		100	115	125	150
Clearance hole diameter	d_f	≤	[mm]	7		9		12		14	
Recommended installation torque[4)]	T_{inst}	=	[Nm]	75	100	100		200		200	
Installation torque for connecting thread (MMS-plus V)	T_{inst}	≤	[Nm]	-		15		25		30	

[1)] That means c ≥ 1,5 * h_{ef} and s ≥ 3 * h_{ef}

[2)] That means c ≥ 10 * h_{ef}

[3)] Concrete with normal reinforcement. In case of higher concrete strength higher loads may be possible.

[4)] The installation torque is fixed in the assessment and therefore relevant for the observance of the admission.

[5)] Steel failure decisive.

[*)] Partial safety factors of anchor resistance and material safety factors according to calculation methods A following attachment C of the ETAG 001 respectively CEN/TS 1992-4 on the side of the resistance were taken into account. The safety factor γ_G = 1,35 was considered on the load side. In case of combined loading, anchor-groups as well as edge and spacing influences please refer to the instructions for the calculation methods A in attachment C of the ETAG 001 respectively CEN/TS 1992-4 or our calculation assistance.

MMS-plus MULTI-MONTI®-plus

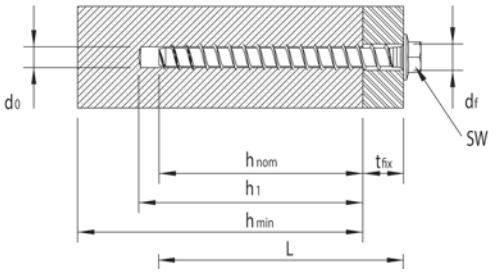


Type:	MMS-plus SS hexagon head with combined washer
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	hexagon head

Color code HECO-Label







Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
6,0	40	48381	5,0	5	11,0	SW-8	•	100	1.000	48.000
	50	48383	5,0	5/15	11,0	SW-8	•	100	1.000	48.000
	60	48385	5,0	15/25	11,0	SW-8	•	100	1.000	48.000
	70	48387	5,0	25/35	11,0	SW-8	•	100	1.000	48.000
	80	49816	5,0	35/45	11,0	SW-8	•	50	500	24.000
7,5	35	49846	6,0	1	14,0	SW-10	•	100	1.000	48.000
	40	48389	6,0	5	14,0	SW-10	•	100	1.000	48.000
	50	48391	6,0	15	14,0	SW-10	•	50	500	24.000
	60	48393	6,0	5/25	14,0	SW-10	•	50	500	24.000
	70	48395	6,0	15/35	14,0	SW-10	•	50	500	24.000
	80	48397	6,0	25/45	14,0	SW-10	•	50	500	24.000
	100	49817	6,0	45/65	14,0	SW-10	•	50	500	24.000
	120	49819	6,0	65/85	14,0	SW-10	•	50	400	19.200
	140	49821	6,0	85/105	14,0	SW-10	•	50	400	19.200
10,0	60	48399	8,0	10	19,0	SW-13	•	25	250	12.000
	70	48401	8,0	5/20	19,0	SW-13	•	25	250	12.000
	80	48403	8,0	15/30	19,0	SW-13	•	25	250	12.000
	90	48405	8,0	25/40	19,0	SW-13	•	25	250	12.000
	100	48453	8,0	35/50	19,0	SW-13	•	25	250	12.000
	120	48455	8,0	55/70	19,0	SW-13	•	25	200	9.600
	140	48457	8,0	75/90	19,0	SW-13	•	25	200	9.600
	160	48459	8,0	95/110	19,0	SW-13	•	25	200	9.600

SW = wrench size

• = ETA 15/0784

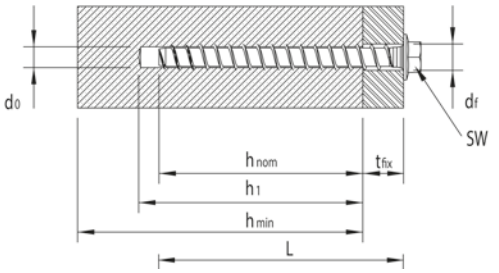
Type:	MMS-plus SS hexagon head with combined washer
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	hexagon head

Color code HECO-Label









Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
12,0	*60¹⁾*	*37120**	*10,0*	*5*	*18,0***	*SW-18*		*25*	*250*	*12.000*
	80	48407	10,0	5	22,0	SW-15	•	25	100	8.400
	90	48409	10,0	1/15	22,0	SW-15	•	25	100	8.400
	100	48411	10,0	10/25	22,0	SW-15	•	25	100	8.400
	120	48413	10,0	30/45	22,0	SW-15	•	25	100	8.400
	140	48415	10,0	50/65	22,0	SW-15	•	25	100	8.400
	160	48461	10,0	70/85	22,0	SW-15	•	25	100	6.400
14,0	*110¹⁾*	*41178*	*12,0*	*15*	*21,0***	*SW-21*	-	*25*	*100*	*7.200*
	130¹⁾	*41180*	*12,0*	*35*	*21,0***	*SW-21*	-	*25*	*100*	*7.200*
	150¹⁾	*41182*	*12,0*	*55*	*21,0***	*SW-21*	-	*25*	*100*	*4.800*
16,0	*80¹⁾*	*35823**	*14,0*	*10*	*24,0***	*SW-24*		*25*	*100*	*7.200*
	120	49848*	14,0	5/20	30,0	SW-21		10	40	3.360
	130	48417*	14,0	15/30	30,0	SW-21		10	40	3.360
	140	48419*	14,0	25/40	30,0	SW-21		10	40	2.560
	160	48421*	14,0	45/60	30,0	SW-21		10	40	2.560
20,0	*100¹⁾*	*22542**	*18,0*	*10*	*30,0***	*SW-30*		*10*	*40*	*3.360*
	130¹⁾	*23025**	*18,0*	*15*	*30,0***	*SW-30*		*10*	*40*	*2.880*
	160	48423*	18,0	20	38,0	SW-24		6	24	1.536
	180	48425*	18,0	40	38,0	SW-24		6	24	1.536
	200	48427*	18,0	60	38,0	SW-24		6	24	1.536

SW = wrench size

• = ETA 15/0784

- = ETA 05/0010

*Not qualified for fastenings in case of fire

** Head diameter in mm (MMS)

¹⁾ Product range MMS-S countersunk head

MMS-plus MULTI-MONTI®-plus

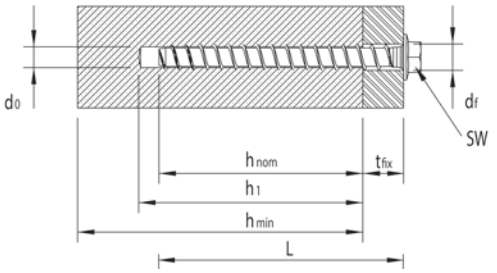


Type:	MMS-plus SS hexagon head with combined washer
Material:	steel, hardened
Surface:	HP-coated
Recess:	hexagon head

Color code HECO-Label







Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
6,0	50	48429	5,0	5/15	11,0	SW-8	•	100	1.000	48.000
	60	48431	5,0	15/25	11,0	SW-8	•	100	1.000	48.000
7,5	50	48433	6,0	15	14,0	SW-10	•	50	500	24.000
	60	48435	6,0	5/25	14,0	SW-10	•	50	500	24.000
	70	48437	6,0	15/35	14,0	SW-10	•	50	500	24.000
10,0	60	48439	8,0	10	19,0	SW-13	•	25	250	12.000
	70	48441	8,0	5/20	19,0	SW-13	•	25	250	12.000
	80	48443	8,0	15/30	19,0	SW-13	•	25	250	12.000
	90	48445	8,0	25/40	19,0	SW-13	•	25	250	12.000
12,0	90	48447	10,0	1/15	22,0	SW-15	•	25	100	8.400
	100	48449	10,0	10/25	22,0	SW-15	•	25	100	8.400
	120	48451	10,0	30/45	22,0	SW-15	•	25	100	8.400

SW = wrench size

• = ETA 15/0784

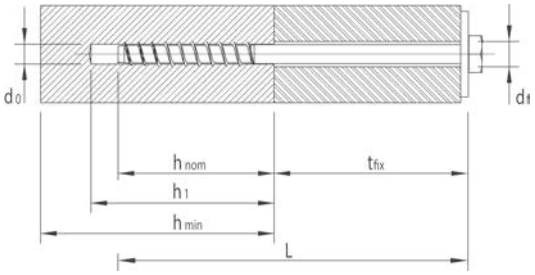
Type:	MMS-plus S hexagon head with washer DIN 440
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	hexagon head

Color code HECO-Label









Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
12,0	180	48463	10,0	90/105	43,5	SW-19	•	25	100	4.800
	200	48465	10,0	110/125	43,5	SW-19	•	25	100	4.800
	240	48467	10,0	150/165	43,5	SW-19	•	25	100	4.800
	280	48469	10,0	190/205	43,5	SW-19	•	25	100	3.600
	320	48471	10,0	230/245	43,5	SW-19	•	25	100	3.600

SW = wrench size

• = ETA 15/0784

MMS-plus MULTI-MONTI®-plus

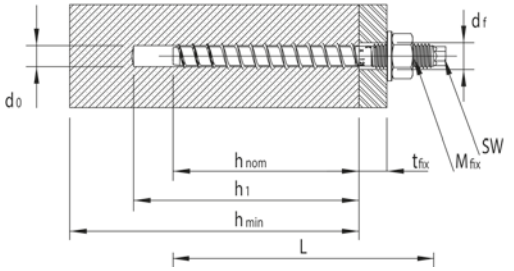


Type:	MMS-plus V pre-set anchor with metric stud
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	hexagon head

Color code HECO-Label







Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Metric stud M_{fix}	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
7,5	80	48668	6,0	15/35	M8 x 20	SW-5,5	•	50	500	24.000
	100	48670	6,0	35/55	M8 x 40	SW-5,5	•	50	500	24.000
10,0	90	48672	8,0	15/30	M10 x 20	SW-7	•	25	250	12.000
	110	48674	8,0	35/50	M10 x 40	SW-7	•	25	250	12.000
	130	48676	8,0	55/70	M10 x 60	SW-7	•	25	200	9.600
12,0	110	48678	10,0	20	M12 x 30	SW-8	•	25	100	8.400
	120	48680	10,0	15/30	M12 x 25	SW-8	•	25	100	8.400
	140	48682	10,0	35/50	M12 x 45	SW-8	•	25	100	8.400
16,0	150	48684*	14,0	20/35	M16 x 40	SW-12		10	40	3.360
	200	48686*	14,0	70/85	M16 x 75	SW-12		10	40	2.560
20,0	190	48688*	18,0	30	M20 x 40	SW-15		6	24	1.536
	220	48690*	18,0	60	M20 x 70	SW-15		6	24	1.536

SW = wrench size

• = ETA 15/0784

* Not qualified for fastenings in case of fire

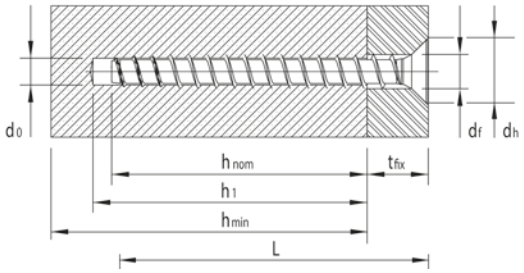
Type:	MMS-plus F countersunk head
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	T-Drive

Color code HECO-Label









Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
5,0	*30*[1)]	*37133**	*4,0*	*1*	*8,7*	*T-25*		*200*	*2.000*	*96.000*
	40[1)]	*37134**	*4,0*	*5*	*8,7*	*T-25*		*200*	*2.000*	*96.000*
	50[1)]	*22383**	*4,0*	*15*	*8,7*	*T-25*		*200*	*2.000*	*96.000*
	60[1)]	*22599**	*4,0*	*25*	*8,7*	*T-25*		*200*	*2.000*	*96.000*
6,0	40	49860	5,0	5	11,5	T-30	•	100	1.000	48.000
	50	48495	5,0	5/15	11,5	T-30	•	100	1.000	48.000
	60	48497	5,0	15/25	11,5	T-30	•	100	1.000	48.000
	70	48499	5,0	25/35	11,5	T-30	•	100	1.000	48.000
	80	48501	5,0	35/45	11,5	T-30	•	50	500	24.000
	100	48503	5,0	55/65	11,5	T-30	•	50	500	24.000
	120	48505	5,0	75/85	11,5	T-30	•	50	500	24.000
	140	48507	5,0	95/105	11,5	T-30	•	50	500	24.000
7,5	45	49862	6,0	10	15,5	T-40	•	100	1.000	48.000
	50	48509	6,0	15	15,5	T-40	•	100	1.000	48.000
	60	48511	6,0	5/25	15,5	T-40	•	50	500	24.000
	70	48513	6,0	15/35	15,5	T-40	•	50	500	24.000
	80	48515	6,0	25/45	15,5	T-40	•	50	500	24.000
	100	48517	6,0	45/65	15,5	T-40	•	50	500	24.000
	120	48519	6,0	65/85	15,5	T-40	•	50	400	19.200
	140	48521	6,0	85/105	15,5	T-40	•	50	400	19.200
	160	48523	6,0	105/125	15,5	T-40	•	50	400	19.200
10,0	60	48525	8,0	10	19,5	T-45	•	25	250	12.000
	70	48527	8,0	5/20	19,5	T-45	•	25	250	12.000
	80	48529	8,0	15/30	19,5	T-45	•	25	250	12.000
12,0	90	48531	10,0	15	24,0	T-50	•	25	100	8.400
	100	48533	10,0	10/25	24,0	T-50	•	25	100	8.400
	120	48535	10,0	30/45	24,0	T-50	•	25	100	8.400

• = ETA 15/0784

* Not qualified for fastenings in case of fire

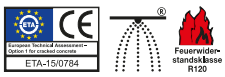
[1)] ***Product range MMS-F countersunk head***

MMS-plus MULTI-MONTI®-plus

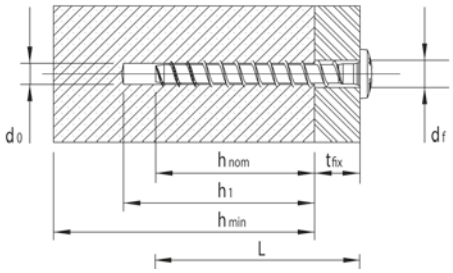


Type:	MMS-plus MS flange head
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	T-Drive

Color code HECO-Label







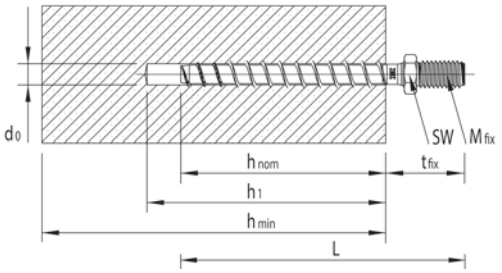
Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
7,5	35	49827	6,0	1	17,0	T-30	•	100	1.000	48.000
	40	49854	6,0	5	17,0	T-30	•	100	1.000	48.000
	45	49829	6,0	10	17,0	T-30	•	100	1.000	48.000
	50	49856	6,0	15	17,0	T-30	•	100	1.000	48.000

• = ETA 15/0784

Type:	MMS-plus ST with metric stud
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	hexagon head

Color code HECO-Label





Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
6,0	55	48654	5,0	20	10,0	SW-10	•	100	1.000	48.000
	65	48656	5,0	20/30	10,0	SW-10	•	50	500	24.000
7,5	60	48658	6,0	25	10,0	SW-10	•	50	500	24.000
	70	48660	6,0	35	10,0	SW-10	•	50	500	24.000
	80	48662	6,0	25/45	10,0	SW-10	•	50	500	24.000
	100	48664	6,0	45/65	10,0	SW-10	•	50	500	24.000
	120	49831	6,0	65/85	10,0	SW-10	•	50	400	19.200
10,0	75	49858	8,0	25	13,0	SW-13	•	25	250	12.000
	85	48666	8,0	20/35	13,0	SW-13	•	25	250	12.000

SW = wrench size

• = ETA 15/0784

MMS-plus ST 6,0 metric stud M6 x 5 mm

MMS-plus ST 7,5 metric stud M8 x 14 mm

MMS-plus ST 10,0 metric stud M10 x 11 mm

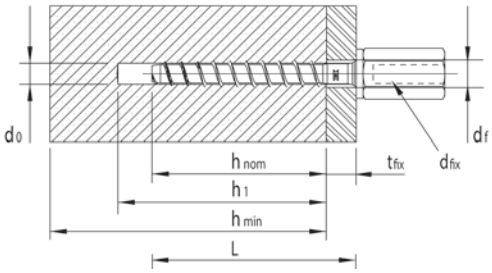


Type:	MMS-plus I with internal metric thread
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	hexagon head

Color code HECO-Label

ETA-15/0784

Feuerwiderstandsklasse R120



Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
6,0	40	48692	5,0	5	11,0	SW-10	•	100	1.000	48.000
7,5	40	48696	6,0	5	14,5	SW-13	•	50	500	24.000
	40	49833*	6,0	5	14,5	SW-13	•	40	400	19.200
	60	48698	6,0	5/25	14,5	SW-13	•	50	500	24.000
	60	49834*	6,0	5/25	14,5	SW-13	•	40	400	19.200
10,0	60	48700	8,0	10	19,5	SW-13	•	25	250	12.000
	75	48702	8,0	10/25	19,5	SW-13	•	25	250	12.000

SW = wrench size

• = ETA 15/0784

* combi-thread M8/M10 x 23 mm

MMS-plus I 6,0 internal-thread M6 x 15 mm

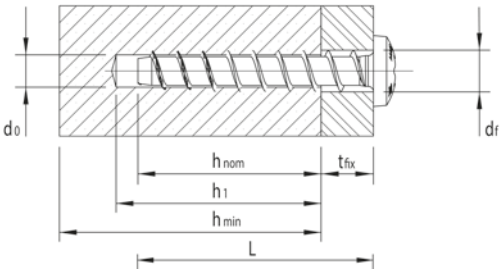
MMS-plus I 7,5 internal-thread M8 x 12 mm

MMS-plus I 10,0 internal-thread M10 x 13 mm

Type:	MMS-plus P pan head
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	T-Drive

Color code HECO-Label





Size D x L [mm]		Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS										
5,0	*30¹⁾*	*21685**	*4,0*	*1*	*7,9*	*T-30*		*200*	*2.000*	*96.000*
	50¹⁾	*21733**	*4,0*	*15*	*7,9*	*T-30*		*200*	*2.000*	*96.000*
6,0	*30¹⁾*	*22098**	*5,0*	*1*	*11,6*	*T-30*		*200*	*2.000*	*96.000*
	35	49850	5,0	1	11,2	T-30	•	100	1.000	48.000
	40	48483	5,0	5	11,2	T-30	•	100	1.000	48.000
	50	48485	5,0	5/15	11,2	T-30	•	100	1.000	48.000
	60	48487	5,0	15/25	11,2	T-30	•	100	1.000	48.000
7,5	*25¹⁾*	*22341**	*6,0*	*1*	*13,6*	*T-30*		*100*	*2.000*	*96.000*
	35	49852	6,0	1	14,5	T-30	•	100	1.000	48.000
	40	48489	6,0	5	14,5	T-30	•	100	1.000	48.000
	50	48491	6,0	15	14,5	T-30	•	100	1.000	48.000
	60	48493	6,0	5/25	14,5	T-30	•	50	500	24.000
10,0	60	49823	8,0	10	19,5	T-40	•	25	250	12.000
	70	49825	8,0	5/20	19,5	T-40	•	25	250	12.000

• = ETA 15/0784

* Not qualified for fastenings in case of fire

¹⁾ Product range MMS-P pan head

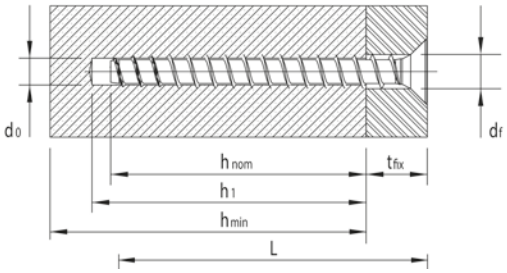


Type:	MMS-KS reduced countersunk head
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	T-Drive

Color code HECO-Label







Size D x L [mm]	Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS									
5,0 40	37146	4,0	5	7,8	T-20		200	2.000	96.000

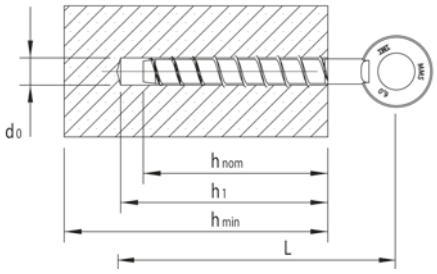


Type:	MMS-R eye-bolt-anchor*
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	installation tool

Color code HECO-Label







Size D x L [mm]	Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS									
6,0 40	23026	5,0	-	14,0			200	2.000	96.000

* Installation tool is included

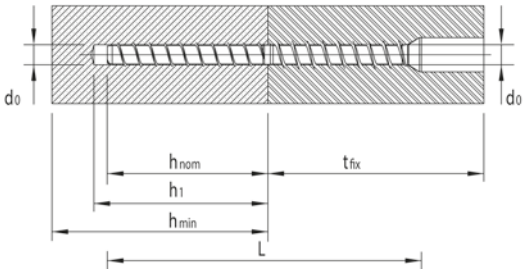
Type:	MMS-TC TimberConnect
Material:	steel, hardened
Surface:	bright zinc plated
Recess:	T-Drive

Color code HECO-Label









Size D x L [mm]	Article No.	Drill diameter d_0[mm]	Clamping strength t_{fix}[mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
VARIANTA - BOXES FOR PROFESSIONALS									
7,5	100	48308	6,0	40 – 150	10,0	T-30	O	50	500	24.000
10,0	130	48310	8,0	60 – 200	16,0	T-45	O	25	250	12.000
12,0	160	48312	10,0	80 – 300	17,5	T-50	O	25	100	9.600

O = Z-21.1-1879

ACCESSORIES

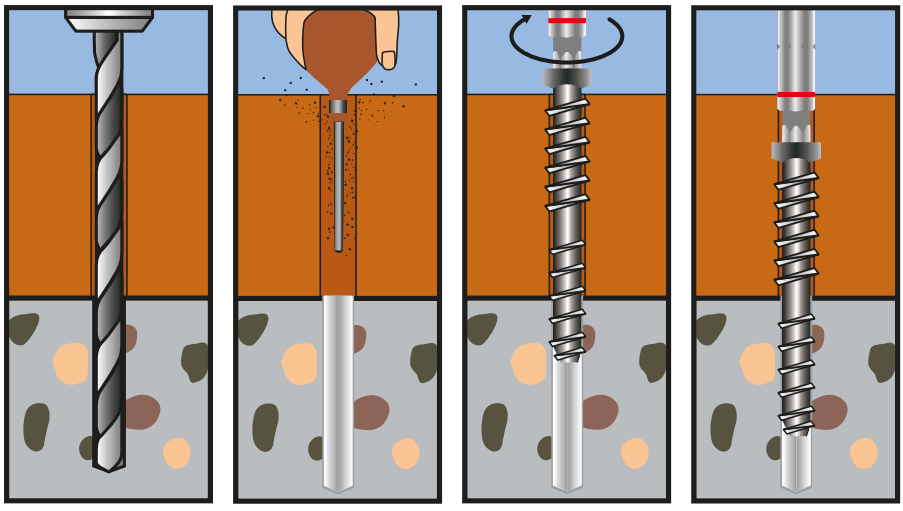


Type: installation tools for MULTI-MONTI TimberConnect

Type	Size of recess	Article No.	Packing unit [pcs.]	For use with
INSTALLATION-TOOLS FOR MMS-TC SCREW-IN-ANCHORS				
MMS-TC installation tool T-30	with T-Drive bit	43603	1	MMS-TC 7,5
MMS-TC installation tool T-45	with 1/2” socket wrench drive	47095	1	MMS-TC 10
MMS-TC installation tool T-50	with 1/2” socket wrench drive	43605	1	MMS-TC 12

The right way to install

1. Drilling
2. Cleaning
3. Screwing
4. Finished







ACCESSORIES

Type: HECO-gauges for checking reusability of MULTI-MONTI-plus.

Gauges to check the thread diameter of MMS-plus 10 to MMS-plus 20 incase of reusability by temporary fastenings.

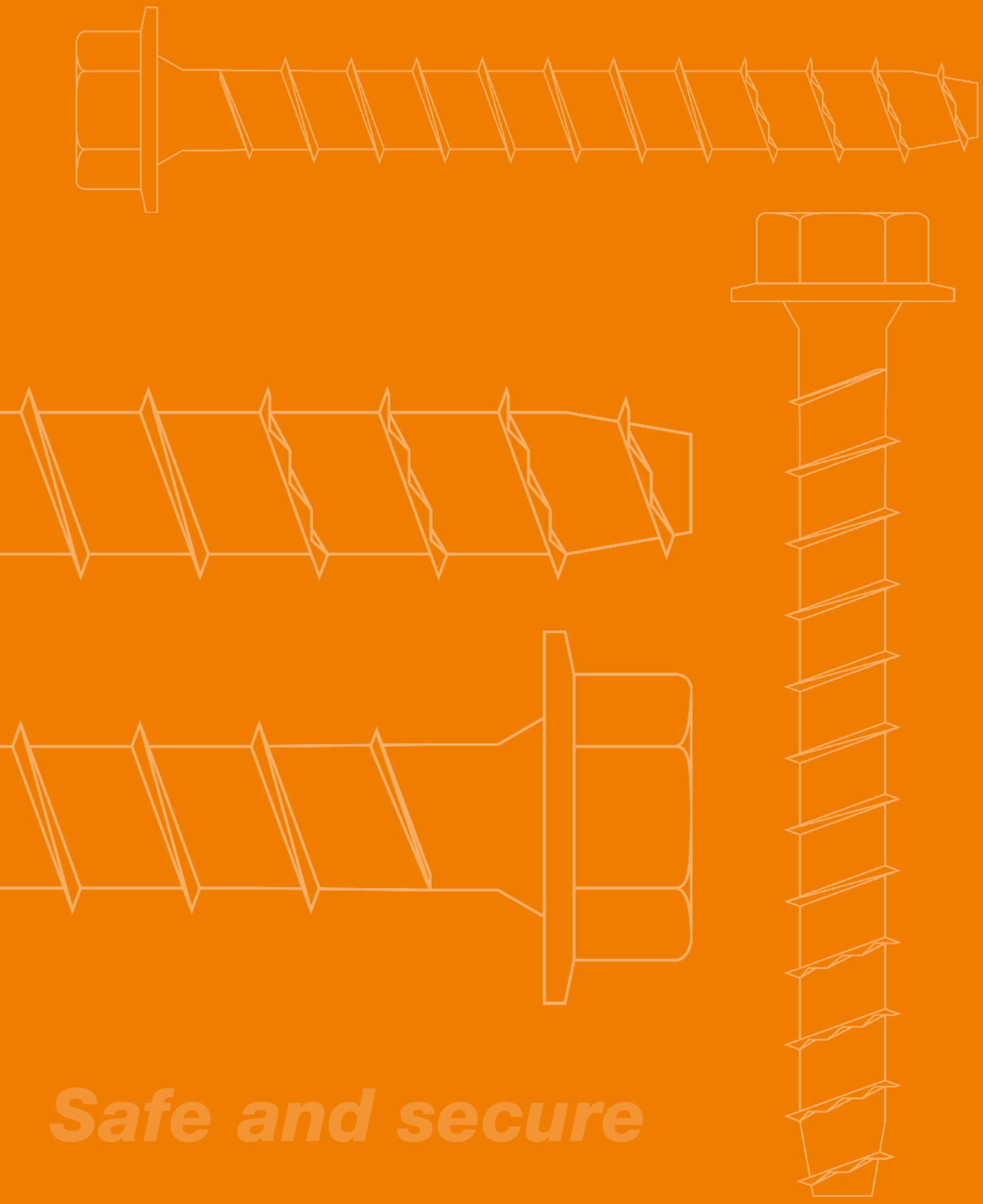
	Anchor size	Gauges diameter [mm]	Gauges length [mm]	Article No.
	MMS-plus 10	9,5	24	47792
	MMS-plus 12	11,5	32	47793
	MMS-plus 16	15,5	36	47794
	MMS-plus 20	19,5	58	47795



Anchor can be reused



Anchor fits through the gauge - reuse is not possible



Safe and secure

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