



MULTI-MONTI[®]-plus

THE NEW MULTI-MONTI WITH THE BIG PLUS



MMS-plus



MULTI-MONTI®-plus

PRODUCT INFORMATION

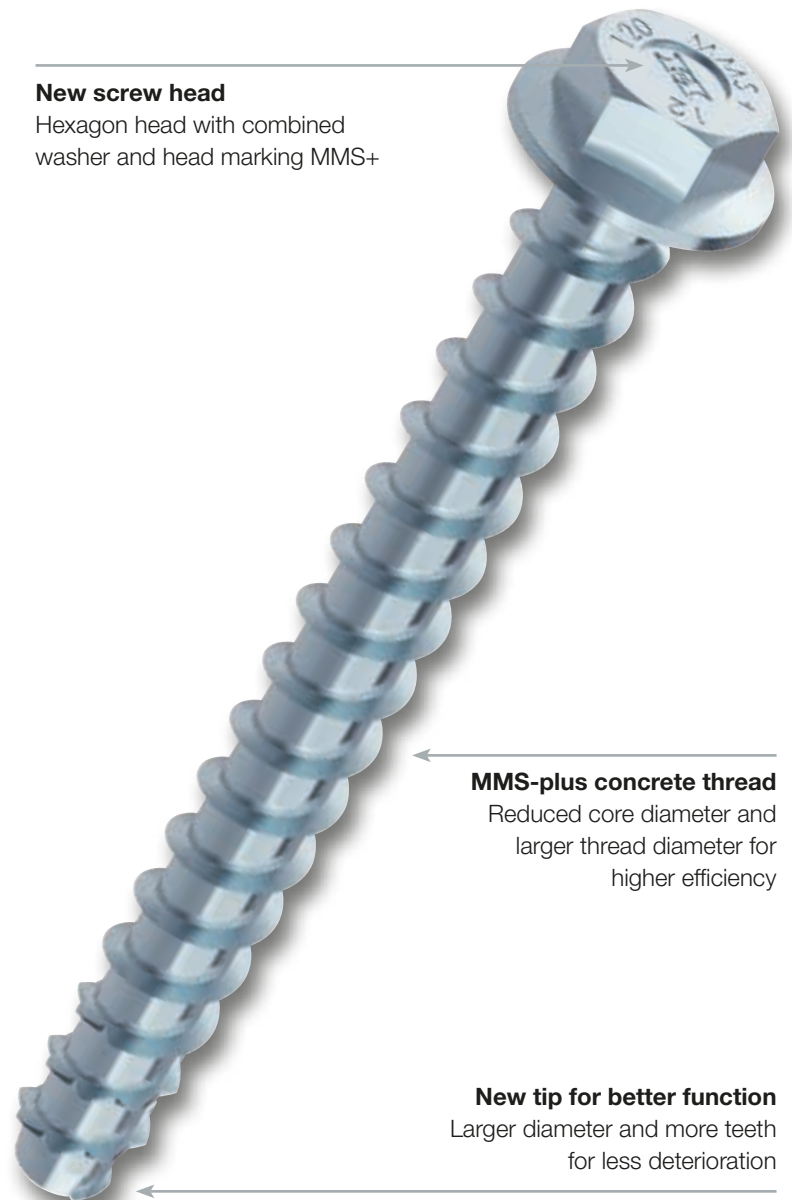
- New Standard: hexagon head with combined washer
- Optimized concrete thread for higher efficiency
- More load classes per diameter and improved mounting security
- Settable by means of power-tools and immediately loadbearing
- Broader product range including pre-set anchors MMS-plus V for example
-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



The new MULTI-MONTI® with the big Plus

New screw head

Hexagon head with combined washer and head marking MMS+



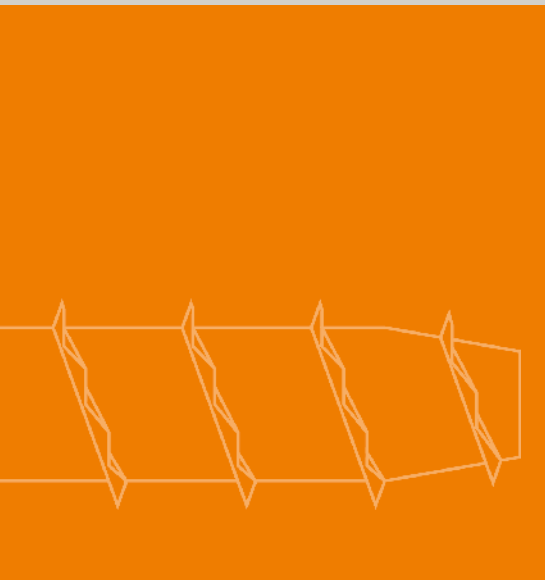
MMS-plus concrete thread

Reduced core diameter and larger thread diameter for higher efficiency

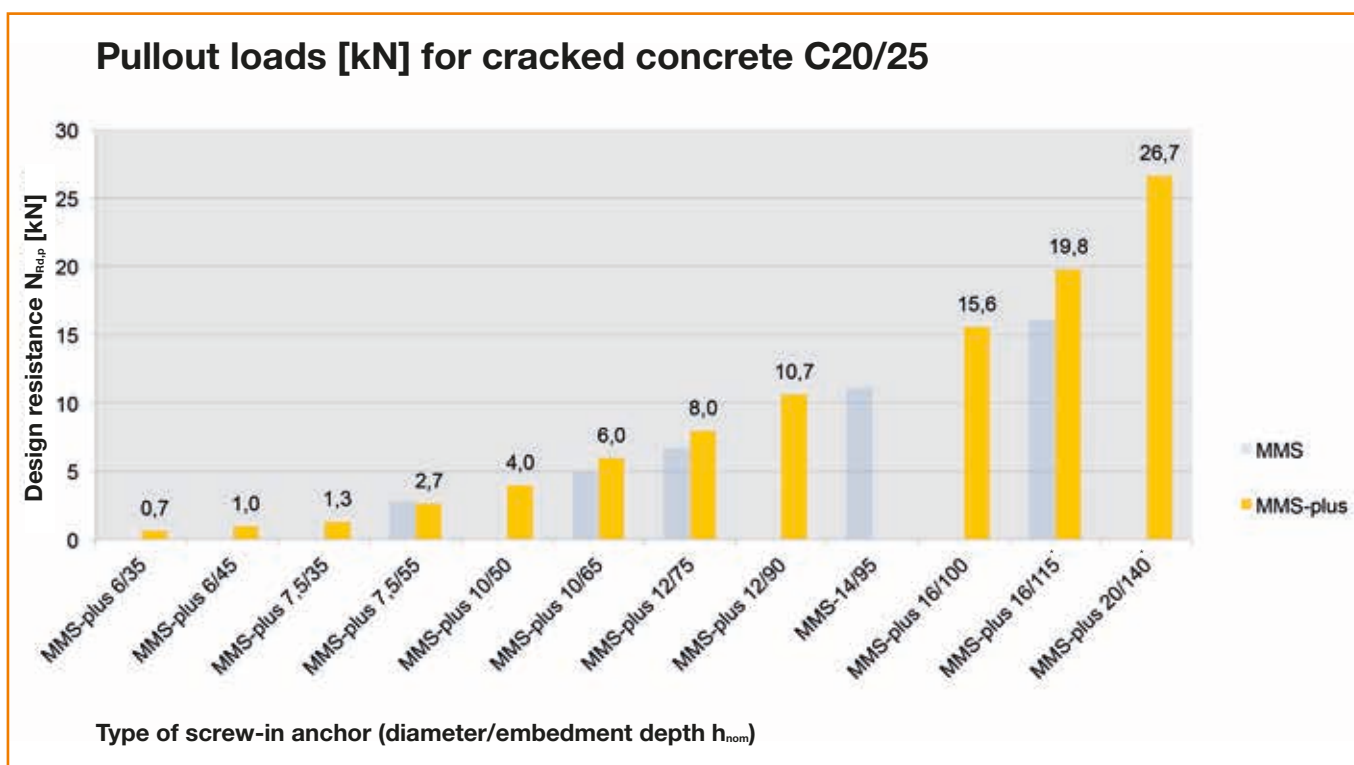
New tip for better function

Larger diameter and more teeth for less deterioration





LOADCLASSES ACCORDING TO ETA-ASSESSMENT

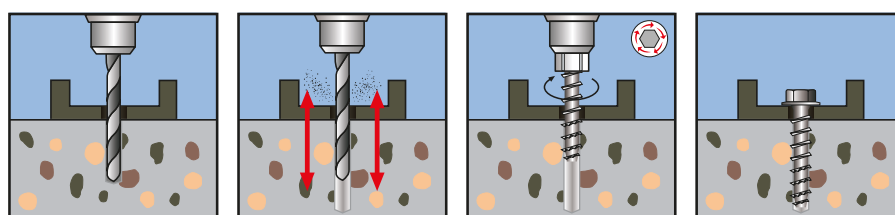


MMS (ETA 05/0010), MMS-plus (ETA 15/0784)

* MMS-plus Ø 16 & 20 (in process)

The right way to install

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



MMS-plus MULTI-MONTI®-plus



APPLICATION EXAMPLES



Prop assemblance



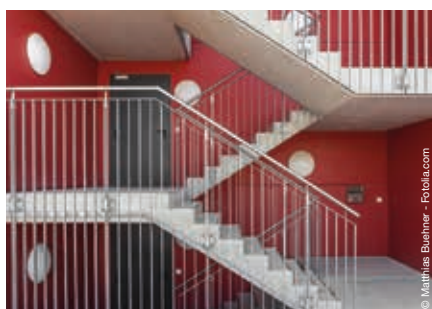
Pipe mounting



Assembling of supporting props



Fixing of cable ducts

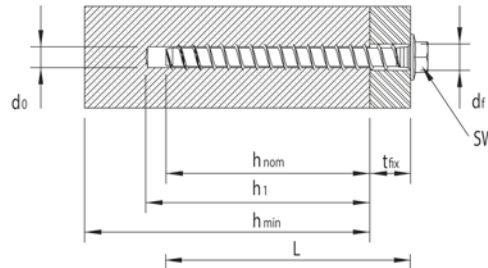
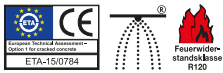


Fixing of railing



Fixing of brackets and console bearers

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



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{cl} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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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
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

MMS-plus MULTI-MONTI®-plus



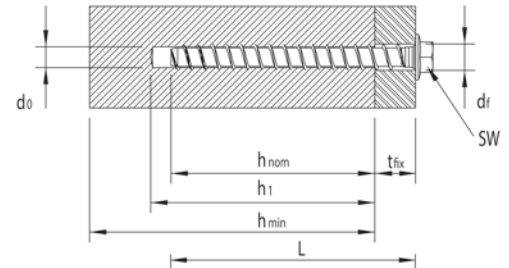
Type: MMS-plus SS hexagon head with combined washer

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{cl} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

12,0	60 ¹⁾	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	110 ¹⁾	41178	12,0	15	21,0**	SW-21	-	25	100	7.200
	130 ¹⁾	41180	12,0	35	21,0**	SW-21	-	25	100	7.200
	150 ¹⁾	41182	12,0	55	21,0**	SW-21	-	25	100	4.800
16,0	80 ¹⁾	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	100 ¹⁾	22542*	18,0	10	30,0**	SW-30	•	10	40	3.360
	130 ¹⁾	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

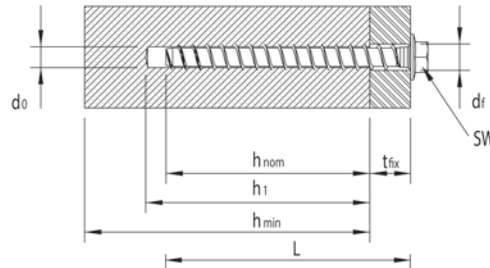
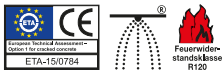
- = ETA 05/0010

*Not qualified for fastenings in case of fire

** Head diameter in mm (MMS)

¹⁾Product range MMS-S countersunk head

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



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{cl} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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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

MMS-plus MULTI-MONTI®-plus



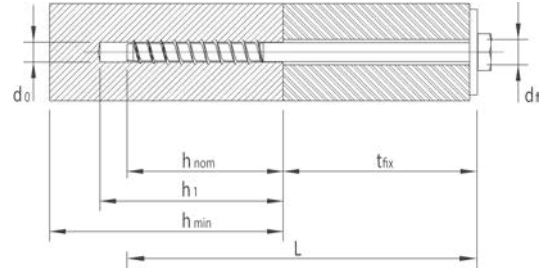
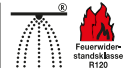
Type: MMS-plus S hexagon head with washer DIN 440

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{cl} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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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

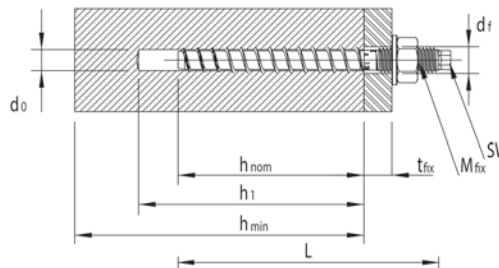
Type: MMS-plus V pre-set anchor with metric stud

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{cl} [mm]	Metric stud M _{fix}	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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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 65	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

MMS-plus MULTI-MONTI®-plus



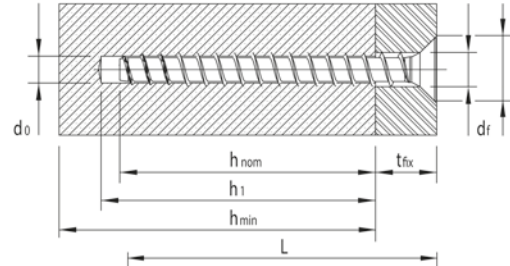
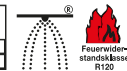
Type: MMS-plus F countersunk head

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{cl} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

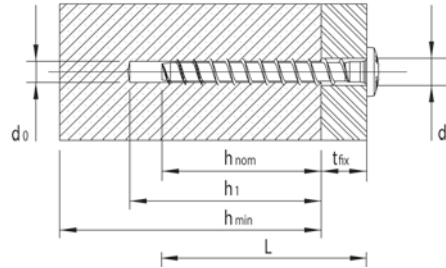
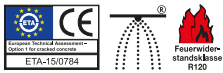
5,0	30 ⁹⁾	37133*	4,0	1	8,7	T-25	•	200	2.000	96.000
	40 ⁹⁾	37134*	4,0	5	8,7	T-25	•	200	2.000	96.000
	50 ⁹⁾	22383*	4,0	15	8,7	T-25	•	200	2.000	96.000
	60 ⁹⁾	22599*	4,0	25	8,7	T-25	•	200	2.000	96.000
6,0	40	49860	5,0	5	11,5	T-30	•	100	1.000	48.000
	50	48495	5,0	5/15	11,5	T-30	•	100	1.000	48.000
	60	48497	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
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

⁹⁾ Product range MMS-F countersunk head

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



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{ca} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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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

MMS-plus MULTI-MONTI®-plus



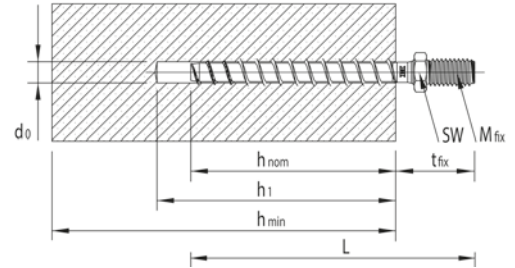
Type: MMS-plus ST with metric stud

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{ca} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	55	48654	5,0	10/20	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	5/25	10,0	SW-10	•	50	500	24.000
	70	48660	6,0	15/35	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	10/25	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

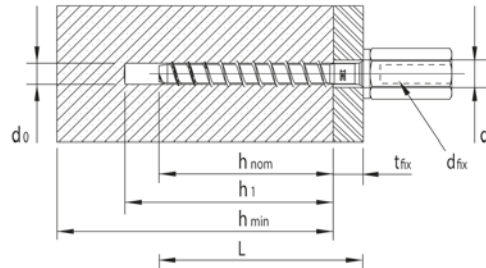
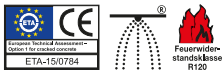
• = ETA 15/0784

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 Color code HECO-Label
Recess:	hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{ex} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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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
10,0	60	49834*	6,0	5/25	14,5	SW-13	•	40	400	19.200
	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 23mm

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

MMS-plus MULTI-MONTI®-plus



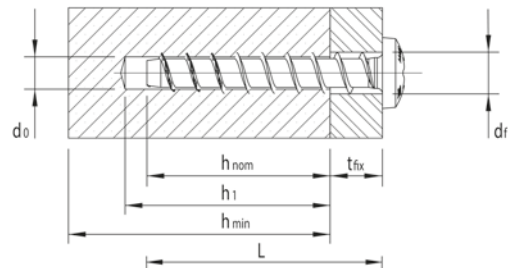
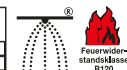
Type: MMS-plus P pan head

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{cl} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	30 ¹⁾	21685*	4,0	1	7,9	T-30		200	2.000	96.000
	50 ¹⁾	21733*	4,0	15	7,9	T-30		200	2.000	96.000
6,0	30 ¹⁾	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	25 ¹⁾	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

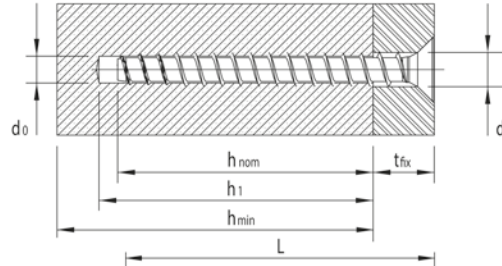
Type: MMS-KS reduced countersunk head

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{ex} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	40	37146	4,0	5	7,8	T-20	200	2.000	96.000
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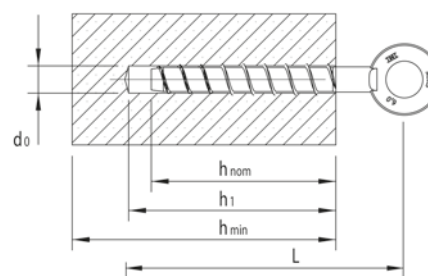
Type: MMS-R eye-bolt-anchor*

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: installation tool



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{ex} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	23026	5,0	-	14,0		200	2.000	96.000
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* Installation tool is included



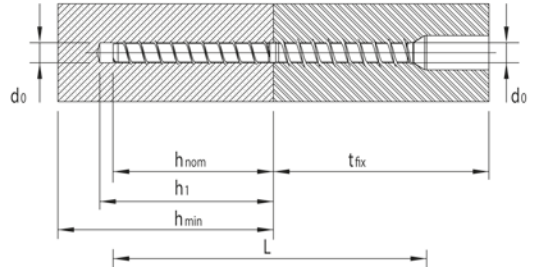
Type: MMS-TC TimberConnect

Material: steel, hardened

Surface: bright zinc plated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{ax} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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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



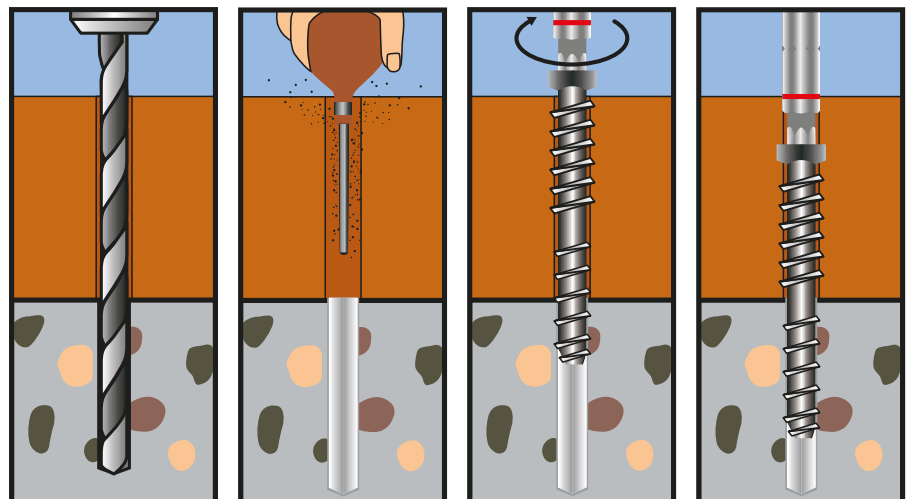
Type	Size of recess	Article No.	Packing unit [pcs.]	For use with
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INSTALLATION-TOOLS FOR MMS-TC SCREW-IN-ANCHORS

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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