

W-FRA 10

FRAME FIXING W-FRA 10

W-FRA 10 with countersunk screw



W-FRA H 10 with hexagon screw and pressed-on washer



Benefits:

- Can be loaded immediately – no waiting time
- Very strong twist lock
- Universal frame-fixing anchor (concrete, masonry of perforated and solid brick, aerated concrete)
- The anchor sleeve and special screw are pre-assembled. Reduces installation efforts.

Applications:



Approvals and certificates:

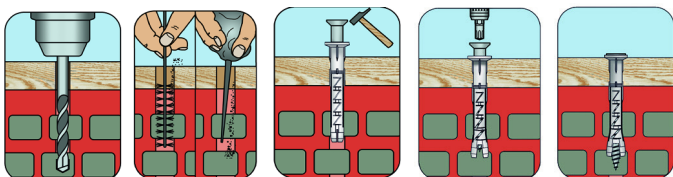


Technical Data:

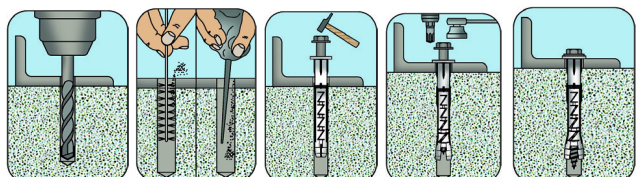
Head configuration	Hexagon, Countersunk and Pan Head
Environmental conditions	Indoor, Outdoor
Material composition	Steel, galvanized/A4 stainless steel
Type of fastening	Through Fastening
Suitable for	Multiple attachments of non-structural systems in concrete and masonry

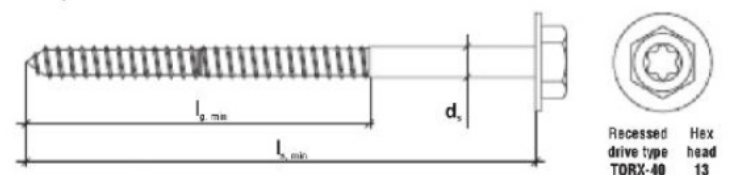
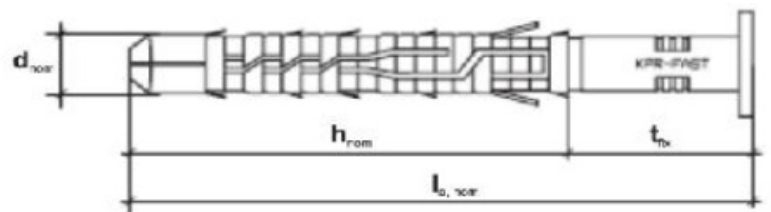
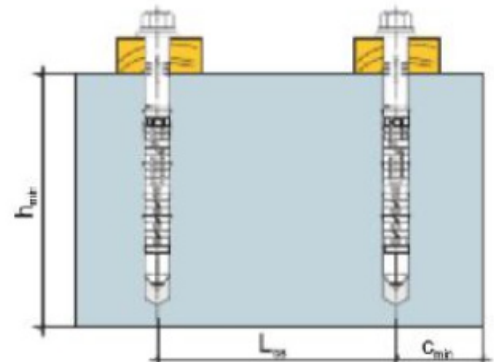
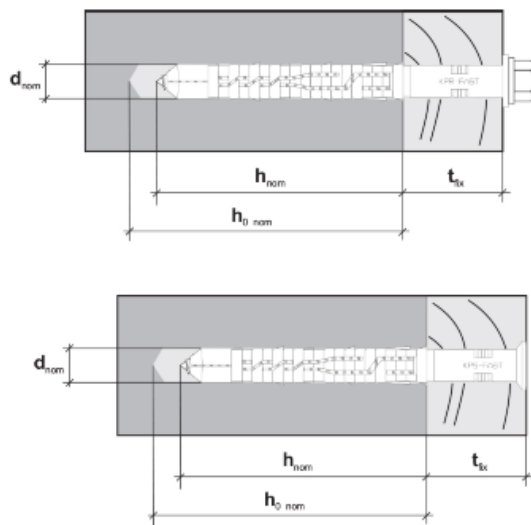
For the attachment of facade, ceiling, or roof sunstructures (made of wood or steel), wood beams, wood laths, metal brackets, metal rails, suspended ceilings, cable routes, angle brackets, profiles, wall-mounted cabinets, shelf units.

Installation: Setting Instruction I



Installation: Setting Instruction II





Substrate	Minimum edge distance C min (mm)	Minimum wall thickness h min (mm)
Concrete C20/25	60	100
Clay brick	100	120
Calcium silicate brick	100	120
Hollow masonry	100	250
AAC	100	250

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W-FRA 10 with countersunk screw

Art. No.		Recessed Drive Type	Hex head	Drill hole diameter d max (mm)	Plug length h rom (mm)	Screw diameter and length d x l (mm)	Minimum depth of drilled hole h nom (mm)	Minimum anchorage depth ho min (mm)	Maximum fixture thickness t fix (mm)	P./Qty.
Zinc plated	Stainless steel A4									
0912 910401	0912 910501	TORX40	-	10	80	7.0 x 85	80	70	10	50
0912 910402	0912 910502	TORX40	-	10	100	7.0 x 105	80	70	30	50
0912 910403	0912 910503	TORX40	-	10	120	7.0 x 125	80	70	50	50
0912 910404	0912 910504	TORX40	-	10	140	7.0 x 145	80	70	70	50
0912 910405		TORX40	-	10	160	7.0 x 165	80	70	90	50
0912 910406		TORX40	-	10	180	7.0 x 185	80	70	110	25
0912 910407		TORX40	-	10	200	7.0 x 205	80	70	130	25
0912 910408		TORX40	-	10	230	7.0 x 235	80	70	160	25
0912 910409		TORX40	-	10	260	7.0 x 265	80	70	190	25

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Zinc plated	Stainless steel A4									
0912 910601	0912 910701	TORX40	13	10	80	7.0 x 85	80	70	10	50(A4:25)
0912 910602	0912 910702	TORX40	13	10	100	7.0 x 105	80	70	30	50(A4:25)
0912 910603		TORX40	13	10	120	7.0 x 125	80	70	50	50
0912 910604		TORX40	13	10	140	7.0 x 145	80	70	70	50
0912 910605		TORX40	13	10	160	7.0 x 165	80	70	90	50
0912 910606		TORX40	13	10	180	7.0 x 185	80	70	110	25
0912 910607		TORX40	13	10	200	7.0 x 205	80	70	130	25
0912 910608		TORX40	13	10	230	7.0 x 235	80	70	160	25
0912 910609		TORX40	13	10	260	7.0 x 265	80	70	190	25
0912 910610		TORX40	13	10	300	7.0 x 305	80	70	230	25