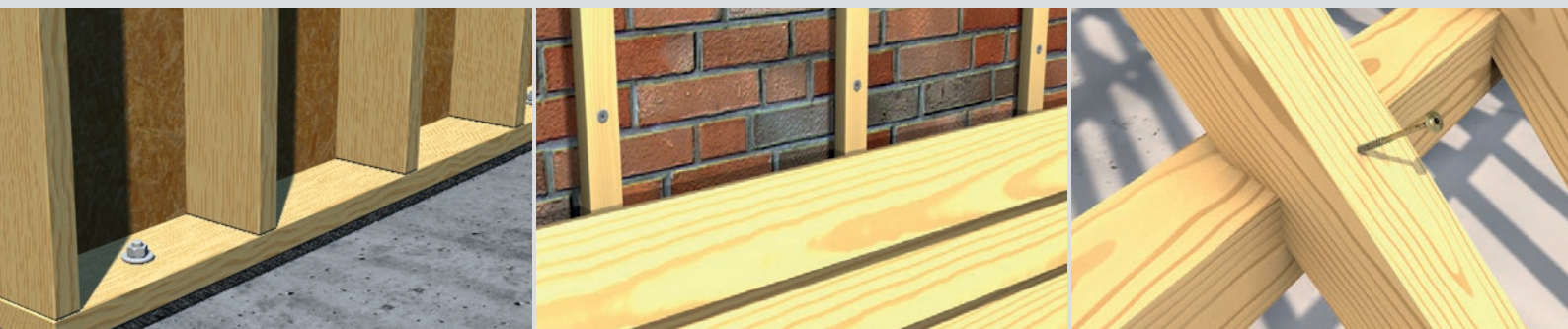




fischer

Professional fixing solutions in timber business





***FIXING TECHNOLOGY
MEETS THE PROFESSIONALS.***

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Wood construction screw stainless steel
Ideally suited for outdoor use



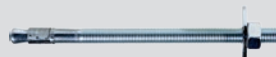
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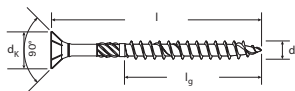


FPF-ST YZP

Coating: Yellow zinc-plated

Thread: Partial thread

Screw head: Countersunk head



Diameter d [mm]	Length l [mm]	Partial thread length l _p [mm]	Head-Ø d _k [mm]	Drive	Sales unit [pcs]	Art.-No.
6,0	60	36	12,0	TX30	100	653617
	80	50	12,0	TX30	100	653623
	100	60	12,0	TX30	100	653630
	120	70	12,0	TX30	100	653636
	140	70	12,0	TX30	100	653642
	160	70	12,0	TX30	100	653648
	180	70	12,0	TX30	100	653651
	200	70	12,0	TX30	100	653654
	220	70	12,0	TX30	25	653655
	240	70	12,0	TX30	25	653657
	260	70	12,0	TX30	25	653659
	280	70	12,0	TX30	25	653661
8,0	300	70	12,0	TX30	25	653663
	80	50	14,7	TX40	50	659323
	100	50	14,7	TX40	50	659324
	120	75	14,7	TX40	50	659325
	140	75	14,7	TX40	50	659326
	160	75	14,7	TX40	50	659327
	180	75	14,7	TX40	50	659328
	200	100	14,7	TX40	50	659329
	220	100	14,7	TX40	50	659330
	240	100	14,7	TX40	50	659331
	260	100	14,7	TX40	50	659332
	280	100	14,7	TX40	50	659333
10,0	300	100	14,7	TX40	50	659334
	320	100	14,7	TX40	50	659201
	340	100	14,7	TX40	50	659202
	360	100	14,7	TX40	50	659203
	380	100	14,7	TX40	50	659204
	400	100	14,7	TX40	50	659205
	80	50	14,7	TX40	50	659208
	100	50	14,7	TX40	50	659209
	120	75	14,7	TX40	50	659210
	140	75	14,7	TX40	50	659211
	160	75	14,7	TX40	50	659212
	180	75	14,7	TX40	50	659213
10,0	200	100	14,7	TX40	50	659214
	220	100	14,7	TX40	50	659215
	240	100	14,7	TX40	50	659216
	260	100	14,7	TX40	50	659217
	280	100	14,7	TX40	50	659218
	300	100	14,7	TX40	50	659219
	320	100	14,7	TX40	50	659220
	340	100	14,7	TX40	50	659221
	360	100	14,7	TX40	50	659222
	380	100	14,7	TX40	50	659223
	400	100	14,7	TX40	50	659224

- Countersunk head for easy sinking
- Low axial and edge distances
- Pre-drilling not required
- Suitable in hard wood
(pre-drilling recommended)



Washer FWC-CCS for wood construction screw FPF-ST

Coating: Yellow zinc-plated

For countersunk head

For considerably higher pull-through resistance



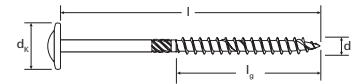
Internal-Ø l [mm]	External-Ø d [mm]	Sales unit [pcs]	Art.-No.
8,7	30	50	666169
11,2	35	50	666170

FPF-WT YZP

Coating: Yellow zinc-plated

Thread: Partial thread

Screw head: Flange head



- Flange head with considerably higher pull-through resistance
- Low axial and edge distances
- Pre-drilling not required
- Suitable in hard wood (pre-drilling recommended)



Diameter d [mm]	Length l [mm]	Partial thread length l _s [mm]	Head-Ø d _k [mm]	Drive 	Sales unit [pcs]	Art.-No.
6,0	60	30	14,5	TX30	100	659346
	80	50	14,5	TX30	100	659347
	100	50	14,5	TX30	100	659348
	120	50	14,5	TX30	100	659349
	140	70	14,5	TX30	100	659350
	160	70	14,5	TX30	100	659351
	180	70	14,5	TX30	100	659352
	200	70	14,5	TX30	100	659353
	220	70	14,5	TX30	100	659354
	240	70	14,5	TX30	100	659355
	260	70	14,5	TX30	100	659356
	280	70	14,5	TX30	100	659357
	300	70	14,5	TX30	100	659358
8,0	80	50	22	TX40	50	659244
	100	50	22	TX40	50	659245
	120	75	22	TX40	50	659246
	140	75	22	TX40	50	659247
	160	75	22	TX40	50	659248
	180	75	22	TX40	50	659249
	200	100	22	TX40	50	659250
	220	100	22	TX40	50	659251
	240	100	22	TX40	50	659252
	260	100	22	TX40	50	659253
	280	100	22	TX40	50	659254
	300	100	22	TX40	50	659255
	320	100	22	TX40	50	659256
	340	100	22	TX40	50	659257
	360	100	22	TX40	50	659258
	380	100	22	TX40	50	659259
	400	100	22	TX40	50	659260
10,0	80	52	27	TX40	50	659263
	100	52	27	TX40	50	659264
	120	80	27	TX40	50	659265
	140	80	27	TX40	50	659266
	160	80	27	TX40	50	659267
	180	100	27	TX40	50	659268
	200	100	27	TX40	50	659269
	220	100	27	TX40	50	659270
	240	100	27	TX40	50	659270
	260	100	27	TX40	50	659272
	280	115	27	TX40	50	659273
	300	115	27	TX40	50	659274
	320	115	27	TX40	50	659275
	340	115	27	TX40	50	659276
	360	115	27	TX40	50	659277
	380	115	27	TX40	50	659278
	400	115	27	TX40	50	659279



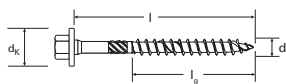


FPF-HT ZPP

Coating: Blue zinc-plated

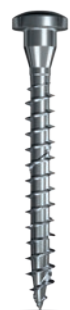
Thread: Partial thread

Screw head: Hex head with pressed washer and Torx



Diameter d [mm]	Length l [mm]	Partial thread length l _g [mm]	Head-Ø d _k [mm]	Drive	Sales unit [pcs]	Art.-No.
8,0	80	75	19	SW13/TX40	50	659407
	100	75	19	SW13/TX40	50	659408
	120	100	19	SW13/TX40	50	659409
	140	100	19	SW13/TX40	50	659410
10,0	80	75	22,4	SW15/TX40	50	659411
	100	75	22,4	SW15/TX40	50	659412
	120	115	22,4	SW15/TX40	50	659413
	140	115	22,4	SW15/TX40	50	659414
12,0	100	80	24,5	SW17/TX50	25	659415
	120	100	24,5	SW17/TX50	25	659416
	140	120	24,5	SW17/TX50	25	659417

- Replaces the DIN 571 screw
- For the fixing of metal components on wood
- Product with approval
- Conical underhead shape for perfect load transmission
- Pressed washer for max. load

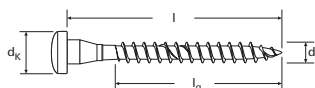


FPF-PT ZPF

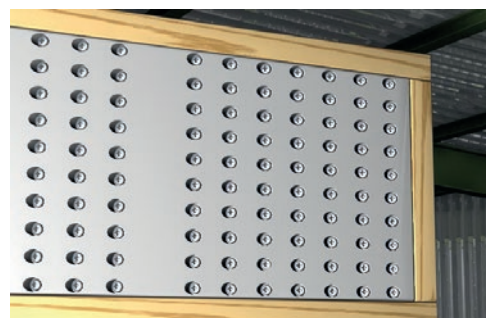
Coating: Blue zinc-plated

Thread: Full thread

Screw head: Pan Head



Diameter d [mm]	Length l [mm]	Full thread length l _g [mm]	Head-Ø d _k [mm]	Drive	Sales unit [pcs]	Art.-No.
5,0	35	30	8,5	TX20	200	652879
	40	35	8,5	TX20	200	652880
	50	45	8,5	TX20	200	652881



Screws bag for belt

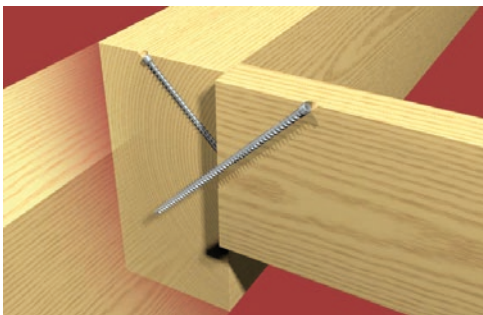
For screws up to 500 mm length

Additional pouch for bits and bit body

Item	Nr. of pouch	Width [mm]	Length [mm]	Art.-No.
Screws bag for belt	3	185	370	539147



- Full thread to increase pull-out values
- To reinforce load-bearing timber constructions
- Power-Full Iso with double thread for the fixing of non-pressure-resistant insulation material in rooftop or wall insulation

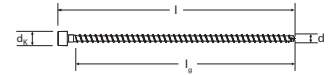


PPF-ZTN ZPF

Coating: Blue zinc-plated

Thread: Full thread

Screw head: Cylinder head



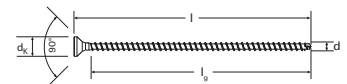
Diameter	Length	Full thread length	Head-Ø	Drive	Sales unit	Art.-No.
d [mm]	l [mm]	l _s [mm]	d _k [mm]		[pcs]	
6,5	120	107	8,0	TX30	100	659430
	140	127	8,0	TX30	100	659431
	160	147	8,0	TX30	100	659432
	195	182	8,0	TX30	100	659433
8,0	155	140	10,0	TX40	50	659434
	195	180	10,0	TX40	50	659435
	220	205	10,0	TX40	50	659436
	245	230	10,0	TX40	50	659437
	295	280	10,0	TX40	50	659438
	330	315	10,0	TX40	50	659439
	375	360	10,0	TX40	50	659440
	400	385	10,0	TX40	50	659441
10,0	300	282	13,0	TX50	25	659442
	330	312	13,0	TX50	25	659443
	360	342	13,0	TX50	25	659444
	400	382	13,0	TX50	25	659445
	450	432	13,0	TX50	25	659446
	500	482	13,0	TX50	25	659447
	550	532	13,0	TX50	25	659448
	600	582	13,0	TX50	25	659318

PPF-ST ZPF

Coating: Blue zinc-plated

Thread: Full thread

Screw head: Countersunk head



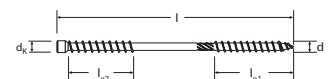
Diameter	Length	Full thread length	Head-Ø	Drive	Sales unit	Art.-No.
d [mm]	l [mm]	l _s [mm]	d _k [mm]		[pcs]	
8,0	95	80	14,5	TX40	50	659385
	125	110	14,5	TX40	50	659386
	155	140	14,5	TX40	50	659387
	195	180	14,5	TX40	50	659388
	220	205	14,5	TX40	50	659389
	245	230	14,5	TX40	50	659390
	270	255	14,5	TX40	50	659418
	295	280	14,5	TX40	50	659419
	330	315	14,5	TX40	50	659420
	375	360	14,5	TX40	50	659421
	400	385	14,5	TX40	50	659422
10,0	125	110	17,8	TX50	50	659423
	155	140	17,8	TX50	50	659424
	195	180	17,8	TX50	50	659425
	220	205	17,8	TX50	50	659426
	245	230	17,8	TX50	50	659427
	270	255	17,8	TX50	50	659428
	300	285	17,8	TX50	50	659429

FIF-ZT ZPF

Coating: Blue zinc-plated

Thread: Double thread

Screw head: Cylinder head



Diameter	Length	Partial thread length	Head-Ø	Drive	Sales unit	Art.-No.
d [mm]	l [mm]	l _{s2} /l _{s1} [mm]	d _k [mm]		[pcs]	
8,0	225	60/100	10,0	TX40	50	659397
	235	60/100	10,0	TX40	50	659398
	255	60/100	10,0	TX40	50	659399
	275	60/100	10,0	TX40	50	659400
	302	60/100	10,0	TX40	50	659401
	335	60/100	10,0	TX40	50	659402
	365	60/100	10,0	TX40	50	659403
	397	60/100	10,0	TX40	50	659404
	435	60/100	10,0	TX40	50	659405

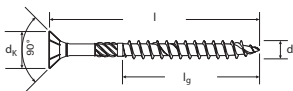


FPF-ST A2P

Material: Stainless steel A4

Thread: Partial thread

Screw head: Countersunk head



Diameter d [mm]	Length l [mm]	Partial thread length l _g [mm]	Head-Ø d _k [mm]	Drive 	Sales unit [pcs]	Art.-No.
6,0	60	36	12,0	TX30	100	657112
	80	50	12,0	TX30	100	657118
	100	60	12,0	TX30	100	657124
	120	70	12,0	TX30	100	657127
	140	70	12,0	TX30	100	657129
	160	70	12,0	TX30	100	657131
	180	70	12,0	TX30	100	657409
8,0	200	70	12,0	TX30	100	657410
	80	50	14,8	TX40	50	657514
	100	50	14,8	TX40	50	657515
	120	75	14,8	TX40	50	657516
	140	75	14,8	TX40	50	657517
	160	75	14,8	TX40	50	657518
	180	75	14,8	TX40	50	657519
	200	100	14,8	TX40	50	657520
	220	100	14,8	TX40	50	657524
	240	100	14,8	TX40	50	657521
	260	100	14,8	TX40	50	657525
	280	100	14,8	TX40	50	657522
	300	100	14,8	TX40	50	657523

- Stainless steel A2 ideally suited for outdoor use
- Pre-drilling recommended
- Flange head with considerably higher pull-through resistance
- Fixing of wooden facades

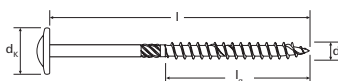


FPF-WT A2P

Material: Stainless steel A4

Thread: Partial thread

Screw head: Flange head



Diameter d [mm]	Length l [mm]	Partial thread length l _g [mm]	Head-Ø d _k [mm]	Drive 	Sales unit [pcs]	Art.-No.
8,0	40	35	22	TX40	50	657526
	60	50	22	TX40	50	657527
	80	50	22	TX40	50	657442
	100	50	22	TX40	50	657443
	120	75	22	TX40	50	657444
	140	75	22	TX40	50	657445
	160	75	22	TX40	50	657446
	180	75	22	TX40	50	657447
	200	100	22	TX40	50	657448

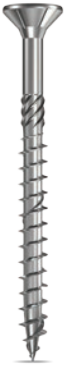
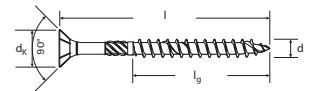


FPF-ST A4P

Material: Stainless steel A4

Thread: Partial thread

Screw head: Countersunk head



- Well suited to highly corrosive environments (close to the sea, facade, sub-structures)
- Pre-drilling recommended
- Fixing of facade substructure according DIN 18516



Diameter	Length	Partial thread length	Head-Ø	Drive	Sales unit	Art.-No.
d [mm]	l [mm]	l _g [mm]	d _k [mm]		[pcs]	
6,0	60	36	12,0	TX30	100	657310
	80	50	12,0	TX30	100	657312
	100	60	12,0	TX30	100	040569
	120	70	12,0	TX30	100	040570
	140	70	12,0	TX30	100	657404
	160	70	12,0	TX30	100	657405
	180	70	12,0	TX30	100	657406
	200	70	12,0	TX30	100	657407





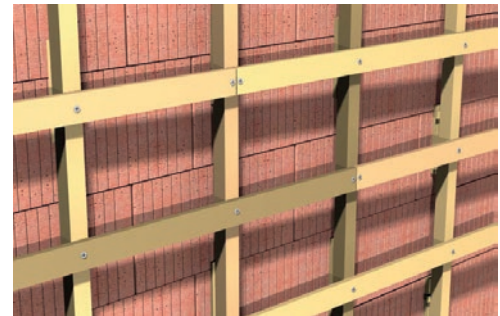
Frame fixing SXRL-T

Countersunk head screw in zinc-plated and stainless steel A4, in diameter 10 and 14 mm

Item	zinc-plated steel Art.-No. g.v.z.	stainless steel Art.-No. A4	Drill hole diameter d_0 [mm]	Anchor length l [mm]	Usable length at anchorage depth 50/70/90 mm t_{ba} [mm]	Drive
SXRL 8 x 60 T	540113	540119	8	60	10/-/-	T30
SXRL 8 x 80 T	540114	540121	8	80	30/10/-	T30
SXRL 8 x 100 T	540115	540123	8	100	50/30/10	T30
SXRL 8 x 120 T	540116	540124	8	120	70/50/30	T30
SXRL 8 x 140 T	540117	540125	8	140	90/70/50	T30
SXRL 8 x 160 T	540118	540126	8	160	110/90/70	T30
SXRL 10 x 60 T	546477	546505	10	60	10/-/-	T40
SXRL 10 x 80 T	522698	522709	10	80	30/10/-	T40
SXRL 10 x 100 T	522699	522710	10	100	50/30/10	T40
SXRL 10 x 120 T	522700	522711	10	120	70/50/30	T40
SXRL 10 x 140 T	522701	522712	10	140	90/70/50	T40
SXRL 10 x 160 T	522703	522713	10	160	110/90/70	T40
SXRL 10 x 180 T	522704	522714	10	180	130/110/90	T40
SXRL 10 x 200 T	522705	522715	10	200	150/130/110	T40
SXRL 10 x 230 T	522706	522716	10	230	180/160/140	T40
SXRL 10 x 260 T	522707 ¹⁾	522717 ¹⁾	10	260	210/190/170	T40
SXRL 10 x 290 T	522708 ¹⁾	522718 ¹⁾	10	290	240/220/200	T40
SXRL 14 x 80 T	530920	530932	14	80	-/10/-	T50
SXRL 14 x 100 T	530921	530933	14	100	-/30/10	T50
SXRL 14 x 120 T	530922	530934	14	120	-/50/30	T50
SXRL 14 x 140 T	530923	530935	14	140	-/70/50	T50
SXRL 14 x 160 T	530924	530936	14	160	-/90/70	T50
SXRL 14 x 180 T	530925	530937	14	180	-/110/90	T50
SXRL 14 x 200 T	530926	530938	14	200	-/130/110	T50
SXRL 14 x 230 T	530927	530939	14	230	-/160/140	T50
SXRL 14 x 260 T	530928	530940	14	260	-/190/170	T50
SXRL 14 x 300 T	530929 ¹⁾	530941 ¹⁾	14	300	-/230/210	T50
SXRL 14 x 330 T	530930 ¹⁾	530942 ¹⁾	14	330	-/260/240	T50
SXRL 14 x 360 T	530931 ¹⁾	530943 ¹⁾	14	360	-/290/270	T50

¹⁾ Not pre-assembled

- Universal usage for an extensive range of building materials
- Three anchorage depths for excellent load values
- Ideally suited for the fixation of wooden substructures and steel plate moulded parts



Frame fixing SXRL-FUS

Hexagon head screw with moulded washer in zinc-plated and stainless steel A4, in diameter 10 and 14 mm

Item	zinc-plated steel Art.-No. g.v.z.	stainless steel Art.-No. A4	Drill hole diameter d_0 [mm]	Anchor length l [mm]	Usable length at anchorage depth 50/70/90 mm t_{ba} [mm]	Drive
SXRL 8 x 60 FUS	540127	540135	8	60	10/-/-	T30/SW10
SXRL 8 x 80 FUS	540129	540136	8	80	30/10/-	T30/SW10
SXRL 8 x 100 FUS	540130	540137	8	100	50/30/10	T30/SW10
SXRL 8 x 120 FUS	540131	-	8	120	70/50/30	T30/SW10
SXRL 8 x 140 FUS	540133	-	8	140	90/70/50	T30/SW10
SXRL 8 x 160 FUS	540134	-	8	160	110/90/70	T30/SW10
SXRL 10 x 60 FUS	546506	546507	10	60	10/-/-	T40/SW13
SXRL 10 x 80 FUS	522719	522730	10	80	30/10/-	T40/SW13
SXRL 10 x 100 FUS	522720	522731	10	100	50/30/10	T40/SW13
SXRL 10 x 120 FUS	522721	522732	10	120	70/50/30	T40/SW13
SXRL 10 x 140 FUS	522723	522733	10	140	90/70/50	T40/SW13
SXRL 10 x 160 FUS	522724	522734	10	160	110/90/70	T40/SW13
SXRL 10 x 180 FUS	522725	522735	10	180	130/110/90	T40/SW13
SXRL 10 x 200 FUS	522726	522736	10	200	150/130/110	T40/SW13
SXRL 10 x 230 FUS	522727	522737	10	230	180/160/140	T40/SW13
SXRL 10 x 260 FUS	522728 ¹⁾	522738 ¹⁾	10	260	210/190/170	T40/SW13
SXRL 10 x 290 FUS	522729 ¹⁾	522739 ¹⁾	10	290	240/220/200	T40/SW13
SXRL 14 x 80 FUS	530946	530955	14	80	-/10/-	T50/SW17
SXRL 14 x 100 FUS	530947	530956	14	100	-/30/10	T50/SW17
SXRL 14 x 120 FUS	530948	530957	14	120	-/50/30	T50/SW17
SXRL 14 x 140 FUS	530949	530958	14	140	-/70/50	T50/SW17
SXRL 14 x 160 FUS	530950	530959	14	160	-/90/70	T50/SW17
SXRL 14 x 180 FUS	530951	530960	14	180	-/110/90	T50/SW17
SXRL 14 x 200 FUS	530952	530961	14	200	-/130/110	T50/SW17
SXRL 14 x 230 FUS	530953	530962	14	230	-/160/140	T50/SW17
SXRL 14 x 260 FUS	530954	530963	14	260	-/190/170	T50/SW17

¹⁾ Not pre-assembled



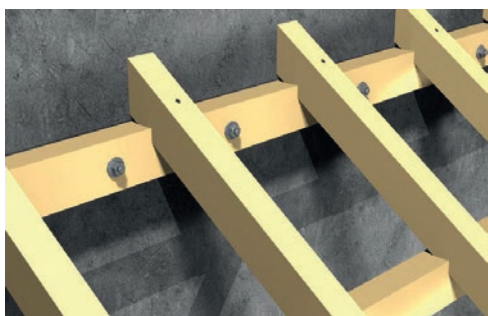
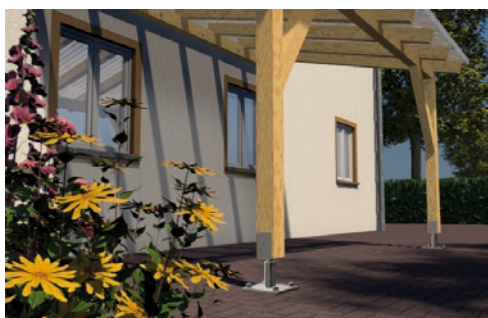
Bolt anchor FBN II GS

Bolt anchor made of zinc-plated steel with washer

- The bolt anchor for anchorings in non-cracked concrete
- Two anchoring depths for high flexibility
- Easy and fast mounting



Item	zinc-plated steel Art.-No. gvz	Drill hole diameter d_0 [mm]	Anchor length l [mm]	Max. usable length hef,stand/hef,red t_{ba} [mm]	Washer (outer diameter x thickness) l [mm]
FBN II 12/80 GS	045578	12	176	80/95	44 x 2,5
FBN II 12/100 GS	045579	12	196	100/115	44 x 2,5
FBN II 12/120 GS	045580	12	216	120/135	44 x 2,5
FBN II 12/140 GS	045581	12	236	140/155	44 x 2,5
FBN II 12/160 GS	045583	12	256	160/175	44 x 2,5
FBN II 12/180 GS	045584	12	276	180/195	44 x 2,5
FBN II 12/200 GS	045585	12	296	200/215	44 x 2,5
FBN II 12/250 GS	045586	12	346	250/265	44 x 2,5
FBN II 16/100 GS	045588	16	220	100/115	56 x 3
FBN II 16/140 GS	045590	16	260	140/155	56 x 3
FBN II 16/160 GS	045591	16	280	160/175	56 x 3
FBN II 16/200 GS	045593	16	320	200/215	56 x 3
FBN II 16/250 GS	052192	16	370	250/265	56 x 3
FBN II 16/300 GS	052204	16	420	300/315	56 x 3





Bolt anchor FAZ II K

Short bolt anchor version made of zinc-plated steel and stainless steel, with small washer

Item	zinc-plated steel	stainless steel	Drill hole diameter	Anchor length	Usable length hef, red	Washer (outer diameter x thickness)
	Art.-No. gvz	Art.-No. A4	d ₀ [mm]	l [mm]	t _{th} [mm]	l [mm]
FAZ II 10/10 K	522108	522116	10	75	10	20 x 2
FAZ II 10/20 K	522110	522117	10	85	20	20 x 2
FAZ II 12/10 K	522118	522122	12	90	10	24 x 2,5
FAZ II 12/20 K	522119	522123	12	100	20	24 x 2,5

- The powerful bolt anchor for high loads in cracked concrete
- Variable anchoring depths for high flexibility
- Easy and fast installation



Bolt anchor FAZ II / FAZ II H

Bolt anchor with and without cup nut made of zinc-plated steel and stainless steel, with small washer

Item	zinc-plated steel	stainless steel	Drill hole diameter	Anchor length	Max. usable length hef, max. / hef, min.	Washer (outer diameter x thickness)
	Art.-No. gvz	Art.-No. A4	d ₀ [mm]	l [mm]	t _{th} [mm]	l [mm]
FAZ II 8/10	094871	501396	8	75	10/20	16 x 1,5
FAZ II 8/30	094877	501399	8	95	30/40	16 x 1,5
FAZ II 10/10	094981	501403	10	95	10/30	20 x 2
FAZ II 10/20	094982	501406	10	105	20/40	20 x 2
FAZ II 10/30	094983	501407	10	115	30/50	20 x 2
FAZ II 12/10	095419	501413	12	110	10/30	24 x 2,5
FAZ II 12/20	095420	501415	12	120	20/40	24 x 2,5
FAZ II 12/30	095421	501416	12	130	30/50	24 x 2,5
FAZ II 10/10 H	543392	543396	10	95	10/30	20 x 2
FAZ II 10/20 H	543393	543397	10	105	20/40	20 x 2
FAZ II 12/10 H	543394	543398	12	109	10/30	24 x 2,5
FAZ II 12/20 H	543395	543399	12	119	20/40	24 x 2,5
Single cup nut FAZ II 10	543977	543979	—	—	—	—
Single cup nut FAZ II 12	543978	543980	—	—	—	—



Bolt anchor FAZ II GS

Bolt anchor made of zinc-plated steel and stainless steel, with large washer

Item	zinc-plated steel	stainless steel	Drill hole diameter	Anchor length	Max. usable length hef, max. / hef, min.	Washer (outer diameter x thickness)
	Art.-No. gvz	Art.-No. A4	d ₀ [mm]	l [mm]	t _{th} [mm]	l [mm]
FAZ II 12/80 GS	538430	—	12	180	80/100	44 x 4
FAZ II 12/100 GS	538702	—	12	200	100/120	44 x 4
FAZ II 12/120 GS	538703	—	12	220	120/140	44 x 4
FAZ II 12/140 GS	538433	—	12	240	140/160	44 x 4
FAZ II 12/160 GS	538431	503181	12	260	160/180	44 x 4
FAZ II 12/180 GS	538434	—	12	280	180/200	44 x 4
FAZ II 12/200 GS	538432	—	12	300	200/220	44 x 4
FAZ II 16/160 GS	503261	503182	16	283	160/180	56 x 5
FAZ II 16/200 GS	096370	—	16	323	200/220	56 x 5



Bolt anchor FAZ II HBS

Bolt anchor made of zinc-plated steel with washer according to DIN 1052

Item	zinc-plated steel	Drill hole diameter	Anchor length	Max. usable length hef, max. / hef, min.	Washer (outer diameter x thickness)
	Art.-No. gvz	d ₀ [mm]	l [mm]	t _{th} [mm]	l [mm]
FAZ II 12/100 HBS	522951	12	205	100/120	58 x 6
FAZ II 12/120 HBS	522952	12	225	120/140	58 x 6
FAZ II 16/160 HBS	522953	16	278	160/180	68 x 6
FAZ II 16/200 HBS	522954	16	328	200/220	68 x 6

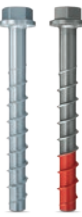


- Fast and easy installation in one single step
- Removable / Reusable
- Drill holes do not need to be cleaned during vertical assembly (ceiling and floor)
- Screw can be unscrewed twice to align the attachment part
- Up to three screw-in depths per diameter possible



Concrete screw ULTRACUT FBS II US / FBS II US A4

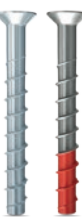
FBS II US, zinc-plated steel, hexagon head with formed washer



Item	zinc-plated steel Art.-No. gvz	Drill hole diameter d ₀ [mm]	Screw-in depth			Usable length		
			h _{nom,1} [mm]	h _{nom,2} [mm]	h _{nom,3} [mm]	t _{us,1} [mm]	t _{us,2} [mm]	t _{us,3} [mm]
FBS II 8x55 5/- US TX	536851	8	50	—	—	5	—	—
FBS II 8x70 20/5 US TX	536852	8	50	—	65	20	—	5
FBS II 8x80 30/15 US TX	536853	8	50	—	65	30	—	15
FBS II 8x130 80/65 US TX	536857	8	50	—	65	80	—	65
FBS II 10x60 5/- US	536858	10	55	—	—	5	—	—
FBS II 10x70 15/5/- US	536859	10	55	65	—	15	5	—
FBS II 10x80 25/15/- US	536860	10	55	65	—	25	15	—
FBS II 10x90 35/25/5 US	536861	10	55	65	85	35	25	5
FBS II 10x160 105/95/75 US	536865	10	55	65	85	105	95	75
FBS II 10x200 145/135/115 US	536866	10	55	65	85	145	135	115
FBS II 10x230 175/165/145 US	536867	10	55	65	85	175	165	145
FBS II 10x260 205/195/175 US	536868	10	55	65	85	205	195	175
FBS II 12x70 10/- US	536869	12	60	—	—	10	—	—
FBS II 12x110 50/35/10 US	536871	12	60	75	100	50	35	10
FBS II 14x75 10/- US	536874	14	65	—	—	10	—	—
FBS II 14x100 35/15/- US	536876	14	65	85	—	35	15	—
FBS II 14x125 60/40/10 US	536877	14	65	85	115	60	40	10
FBS II 8x60 10/- US A4	543565	8	50	—	—	10	—	—
FBS II 8x70 20/5 US A4	543566	8	50	—	65	20	—	5
FBS II 8x80 30/15 US A4	543567	8	50	—	65	30	—	15
FBS II 10x60 5/- US A4	543569	10	55	—	—	5	—	—
FBS II 10x80 25/15/- US A4	543571	10	55	65	—	25	15	—
FBS II 10x100 45/35/15 US A4	543573	10	55	65	85	45	35	15
FBS II 12x70 10/- US A4	543575	12	60	—	—	10	—	—
FBS II 12x85 25/10/- US A4	543576	12	60	75	—	25	10	—
FBS II 12x110 50/35/10 US A4	543577	12	60	75	100	50	35	10

Concrete screw ULTRACUT FBS II SK / FBS II SK A4

FBS II SK, zinc-plated steel, countersunk head



Item	zinc-plated steel Art.-No. gvz	Drill hole diameter d ₀ [mm]	Screw-in depth			Usable length		
			h _{nom,1} [mm]	h _{nom,1} [mm]	h _{nom,1} [mm]	t _{us,1} [mm]	t _{us,2} [mm]	t _{us,3} [mm]
FBS II 8x60 10/- SK	536880	8	50	—	—	10	—	—
FBS II 8x90 40/25 SK	536882	8	50	—	65	40	—	25
FBS II 10x65 10/- SK	536884	10	55	—	—	10	—	—
FBS II 10x95 40/30/10 SK	536886	10	55	65	85	40	30	10
FBS II 10x120 65/55/35 SK	536888	10	55	65	85	65	55	35
FBS II 8x60 10/- SK A4	543579	8	50	—	—	10	—	—
FBS II 8x90 40/25 SK A4	543581	8	50	—	65	40	—	25
FBS II 10x65 10/- SK A4	543582	10	55	—	—	10	—	—
FBS II 10x100 45/35/15 SK A4	543585	10	55	65	85	45	35	15

Washer for FBS II



Item	Art.No.	Internal-Ø [mm]	External-Ø [mm]	Thickness S [mm]	Sales unit [pcs]
FBS II 10	520471	13,5	44	4	50



Injection mortar FIS VS LOW SPEED 300 T

Injection mortar based on vinylester hybrid with extended gelling time. Ideal for higher temperatures. Use with **standard silicone dispenser**

Item	Art.-No.	Scale unit	Contents	Languages on the cartridge	Sales unit [pcs]
FIS VS LOW SPEED 300 T	093180	150	1 cartridge 300 ml, 2 x Statikmischer	D, GB, F, NL, E, P	12
	502285	150	1 cartridge 300 ml, 2 x Statikmischer	RUS, LT, LV, EST, UA, KZ	12
	044102	150	1 cartridge 300 ml, 2 x Statikmischer	CZ, SK, PL, H, RO, RUS, GR	12
	093226	150	1 cartridge 300 ml, 2 x Statikmischer	PL, CZ, DK, N, S, FIN	12
	051058	150	1 cartridge 300 ml, 2 x Statikmischer	CZ, SK, PL, H, RO, RUS	12

- Universal injection mortars with approvals for masonry made of solid or perforated bricks, aerated concrete and for concrete
- Variable anchorage depths allow for ideal adaption to the load to be applied



Injection mortar FIS V 360 S

Injection mortar based on vinylester hybrid for **professional applications**. Use with dispenser for **shuttle cartridges**. Quick and easy to use

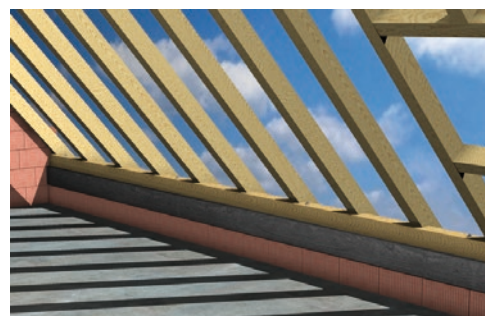
Item	Art.-No.	Scale unit	Contents	Languages on the cartridge	Sales unit [pcs]
FIS V 360 S	094404	180	1 cartridge 360 ml, 2 x static mixer	D, F, NL, TR, H, RUS	6
	094405	180	1 cartridge 360 ml, 2 x static mixer	GB, I, P, E, PRC, JP	6
	068435	180	1 cartridge 360 ml, 2 x static mixer	DK, S, N, FIN, PL, CZ	6
	502283	180	1 cartridge 360 ml, 2 x static mixer	LT, LV, EE, UA, RUS, KZ	6
	043994	180	1 cartridge 360 ml, 2 x static mixer	CZ, SK, PL, H, RO, RUS	6



Injection mortar FIS VW HIGH SPEED 360 S

Injection mortar based on vinylester hybrid with significantly **shorter curing time** for **professional applications**. Use with dispenser for **shuttle cartridges**. Quick and easy to use

Item	Art.-No.	Scale unit	Contents	Languages on the cartridge	Sales unit [pcs]
FIS VW HIGH SPEED 360 S	090753	180	1 cartridge 360 ml, 2 x static mixer	D, GB, F, I, NL, E	6
	043997	180	1 cartridge 360 ml, 2 x static mixer	CZ, SK, PL, H, RO, RUS	6
	502284	180	1 cartridge 360 ml, 2 x static mixer	RUS, LT, LV, EST, UA, KZ	6



Injection mortar FIS GREEN 300 T

Injection mortar FIS GREEN manufactured using at least 50% renewable raw materials. For standard applications in solid and perforated masonry, and non-cracked concrete.

Item	Art.-No.	Scale unit	Contents	Languages on the cartridge	Sales unit [pcs]
FIS GREEN 300 T	522989	150	1 cartridge 300 ml, 2 x static mixer	F	4
	523245	150	1 cartridge 300 ml, 2 x static mixer	I	12
	532972	150	1 cartridge 300 ml, 2 x static mixer	DK, SE, NO, FIN	12

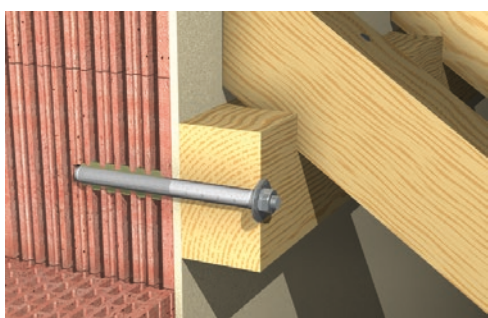
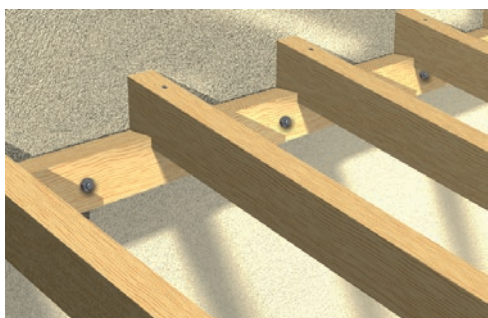


Static mixer FIS MR Plus

Item	Art.-No.	Contents	Sales unit [pcs]
Static mixer FIS MR Plus	545853	10 static mixer	10



- Depending on the base material the injection mortar is used in combination with the threaded rod FIS A (solid base material and concrete) or with the injection anchor sleeve FIS HK and the threaded rod FIS A (perforated base material)
- The grating structure of the injection anchor sleeve ensures sparing mortar use with the best interlock



Threaded rod FIS A

Threaded rod made of zinc-plated steel and stainless steel A4 respectively

Item	zinc-plated steel Art.-No. gvz	stainless steel Art.-No. A4	Drill hole diameter d_0 [mm]	Sales unit [pcs]
FIS A M 8 x 90	090274 ¹⁾	090440	10	10
FIS A M 8 x 110	090275 ¹⁾	090441	10	10
FIS A M 8 x 130	090276 ¹⁾	090442	10	10
FIS A M 8 x 175	090277 ¹⁾	090443	10	10
FIS A M 8 x 1000	509214 ^{1) 2)}	509230	10	10
FIS A M 10 x 110	090278	090444	12	10
FIS A M 10 x 130	090279	090447	12	10
FIS A M 10 x 150	090281	090448	12	10
FIS A M 10 x 170	044969	044973	12	10
FIS A M 10 x 200	090282	090449	12	10
FIS A M 10 x 1000	509215 ²⁾	509231	12	10
FIS A M 12 x 120	044971	044974	14	10
FIS A M 12 x 140	090283	090450	14	10
FIS A M 12 x 160	090284	090451	14	10
FIS A M 12 x 180	090285	090452	14	10
FIS A M 12 x 210	090286	090453	14	10
FIS A M 12 x 260	090287	090454	14	10
FIS A M 12 x 1000	509216 ²⁾	509232	14	10
FIS A M 16 x 130	044972	044975	18	10
FIS A M 16 x 175	090288	090455	18	10
FIS A M 16 x 200	090289	090456	18	10
FIS A M 16 x 250	090290	090457	18	10
FIS A M 16 x 300	090291	090458	18	10
FIS A M 16 x 1000	509217 ²⁾	509233	18	10

¹⁾ Not approved in cracked concrete. ²⁾ Order washer and nut separately.



Hexagonal nut and washer

Nut and washer made of zinc-plated steel and stainless steel A4 respectively; for combination with threaded rod FIS A ...x 1000 (1 m length)



Item	zinc-plated steel Art.-No. gvz	stainless steel Art.-No. A4	Width across nut SW [mm]	Washer (outer diameter x thickness) [mm]	Match	Sales unit [pcs]
Nut & washer M8	510509	510513	13	16 x 1,6	FIS A M 8	50
Nut & washer M10	510510	510514	17	20 x 2	FIS A M 10	50
Nut & washer M12	510511	510515	19	24 x 2,5	FIS A M 12	25
Nut & washer M16	510512	510516	24	30 x 3	FIS A M 16	20

Injection anchor sleeve

Turning in the anchor causes the mortar to be pushed through the anchor sleeve's grating structure, so that it fits the base material perfectly

Injection push-through anchor sleeve (FIS H 18 resp. 22x130/200K) for simple and direct installation of timber constructions

Item	Art.-No.	Drill hole diameter d_0 [mm]	Drill hole depth acc. ETA h_f [mm]	Match	Fill quantity per sleeve [scale units]	Sales unit [pcs]
FIS H 12 x 50 K	041900	12	55	FIS A M6 - M8	5	50
FIS H 12 x 85 K	041901	12	90	FIS A M6 - M8	10	50
FIS H 16 x 85 K	041902	16	90	FIS A M8 - M10	12	50
FIS H 16 x 130 K	041903	16	135	FIS A M8 - M10	15	20
FIS H 20 x 85 K	041904	20	90	FIS A M12 - M16	15	20
FIS H 20 x 130 K	046703	20	135	FIS A M12 - M16	25	20
FIS H 20 x 200 K	046704	20	205	FIS A M12 - M16	40	20
FIS H 18 x 130/200K	045707	18	335	M10 - M12	35	10
FIS H 22 x 130/200K	045708	22	335	M 16	45	10





Quattric II

The expert for the best performance in reinforced concrete



Item	Art.-No.	Drill hole diameter d_h [mm]	Working length l [mm]	Total length l [mm]
Quattric II 6/100/165	549979	6,0	100	165
Quattric II 6/200/265	549985	6,0	200	265
Quattric II 8/100/165	549988	8,0	100	165
Quattric II 8/200/265	549994	8,0	200	265
Quattric II 8/400/465	549996	8,0	400	465
Quattric II 10/100/165	549922	10,0	100	165
Quattric II 10/200/265	549929	10,0	200	265
Quattric II 10/390/455	549930	10,0	390	455
Quattric II 12/160/210	549936	12,0	160	210
Quattric II 12/400/450	549935	12,0	400	450
Quattric II 14/160/210	549944	14,0	160	210
Quattric II 14/400/450	549943	14,0	400	450
Quattric II 16/210/260	549952	16,0	210	260
Quattric II 16/400/450	549954	16,0	400	450
Quattric II 18/400/450	549957	18,0	400	450
Quattric II 20/400/450	549959	20,0	400	450
Quattric II 22/400/450	549961	22,0	400	450

- Solid carbide metal head (up to $\varnothing$ 10mm) for long service life
- Power shoulders for improved breakup performance in concrete
- Massive main cutting edges for quick drilling progress
- Reinforcement chamfers prevent jamming in the reinforcement
- Centring tip for simple positioning
- Two-piece spiral for quick drilling progress and increased service life



Masonry drill bit Pointer M

The perfect drill bit for all perforated building materials

Item	Art.-No.	Drill hole diameter d_h [mm]	Working length l [mm]	Total length l [mm]
Pointer M 6/350/410	546204	6,0	350	410
Pointer M 8/200/260	544382	8,0	200	260
Pointer M 10/200/260	543630	10,0	200	260
Pointer M 12/200/260	543631	12,0	200	260
Pointer M 14/200/260	543632	14,0	200	260
Pointer M 16/200/260	543633	16,0	200	260
Pointer M 16/100/400	543634	16,0	100	400
Pointer M 18/350/410	546205	18,0	350	410
Pointer M 20/100/400	543635	20,0	100	400
Pointer M 22/350/410	546206	22,0	350	410



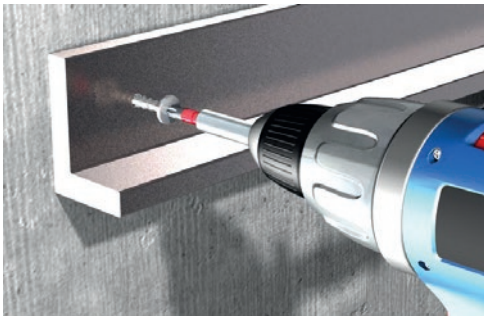
Hollow drill bit FHD

Hollow drill bit for drilling with low dust as well as for efficient and approved anchoring

Item	Art.-No.	Drill hole diameter d_h [mm]	Working length l [mm]	Total length l [mm]
FHD 12/200/330	546597	12,0	200	330
FHD 14/250/380	546598	14,0	250	380
FHD 16/250/380	546599	16,0	250	380
FHD 18/320/450	546600	18,0	320	450
FHD Max 16/400/620	546601	16,0	400	620
FHD Max 18/400/620	546602	18,0	400	620
FHD Max 20/400/620	546603	20,0	400	620
FHD Max 24/400/620	546604	24,0	400	620
FHD Max 28/600/820	546605	28,0	600	820
FHD Max 30/600/820	546606	30,0	600	820
FHD Max 35/650/870	546607	35,0	650	870



- The ultimate solution for extreme installation torques
- Ideal for use in high-performance power and impact tools
- Optimal geometry of the profile guarantees unique performance and durability
- For complex applications and users
- The high dimensional accuracy allows for an ideal fit
- For perfect results and a long life span



Maxx Bit

Ideal for usage in high-performance power- and impact tools
Optimal geometry for high installation torque
1/4" Connection for universal use (form C 6,3)



Item	Art.-No.	Connection	Drive	Total length l [mm]
FMB T10 Maxx Bit W 5	533154	1/4"	TX10	29
FMB T15 Maxx Bit W 5	533155	1/4"	TX15	29
FMB T20 Maxx Bit W 5	533156	1/4"	TX20	29
FMB T25 Maxx Bit W 5	533157	1/4"	TX25	29
FMB T30 Maxx Bit W 5	533158	1/4"	TX30	29
FMB T40 Maxx Bit W 5	533159	1/4"	TX40	29

Profi Bit

TX 50 Bit also suitable for impact tools
Long bits for deep-set screws



Item	Art.-No.	Connection	Drive	Total length l [mm]
FPB ProfiBit T 50 5/16" W1	538574	5/16"	TX50	35
FPB T 30 90MM Profi Bit W1	542369	1/4"	TX30	90
FPB T 40 90MM Profi Bit W1	542370	1/4"	TX40	90
FPB T 50 90MM Profi Bit W1	542371	1/4"	TX50	90
FPB T 30 150MM Profi Bit W1	542372	1/4"	TX30	150
FPB T 40 150MM Profi Bit W1	542373	1/4"	TX40	150

Connecting part 1/2"

Suitable for impact tools
For intake of bits



Item	Art.-No.	Connection	Drive	Total length l [mm]
Nut TX40	538575	1/2"	1/4"	35
Nut TX50	538576	1/2"	5/16"	35

Nuts 1/2"

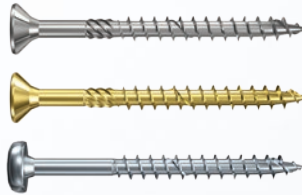
Suitable for impact tools
Unique performance



Item	Art.-No.	Connection	Drive	Total length l [mm]
Nut SW 10	538577	1/2"	SW10	78
Nut SW 13	538578	1/2"	SW13	38
Nut SW 15	538579	1/2"	SW15	38
Nut SW 17	538580	1/2"	SW17	38
Nut SW 21	538581	1/2"	SW21	38

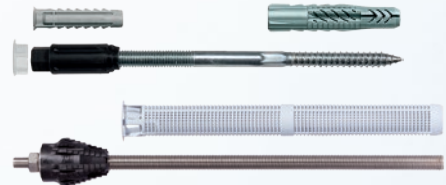
Power-Fast Diameter 3-6 mm zinc-plated, stainless steel, countersunk head and pan head

Easy to screw in thanks to the innovative Power-Fast thread shape
No pre-drilling
Low axial and edge distances
Lasting safety with ETA conformity



Thermax 8 / 10 und 12 / 16

Approved stand-off installation system (Thermax 12 and 16) providing thermal barrier in external thermal insulation composite systems (ETICS)
No thermal bridges
High loads in solid and hollow masonry and concrete
Assembly in solid timber possible No special tool for the assembly necessary



Insulation support DHK 45

Cost-effective plastic insulation support for all conventional insulating boards
Simple hammer-set installation for a quick installation process
Optimised geometry of the expansion section for a low anchorage depth
Flexible pins in the plate area adapt to the insulating material and ensure a sustained contact pressure



Insulation support DHM

The fire-protection tested metal insulation support (R 120) for fire-resistant insulating boards
Simple hammer-set installation for a quick installation process
Setting in aerated concrete without pre-drilling
Stainless steel version A2 for wet and exterior applications



Aircrete anchor FPX-I

Approved (incl. R120) internal thread solution for powerful anchorings in aerated concrete
Unique 4-way-expansion, for high tensile and shear loads
Mounting with hexagon socket and impact driver
Automatic setting control after each installation process



Scaffold fixing S 14 ROE with eyescrew GS 12

The ideal interaction of the eyebolt and plug allows for a high load-bearing capacity, thus providing increased safety
The high-quality weld stops the eye from opening



Terrace screw FPF-ST A2P

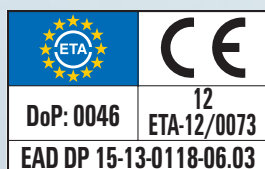
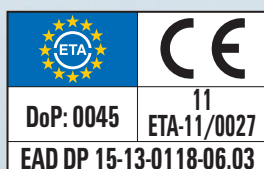
Gap-free screwing of material
Easy to fix even in hard woods (pre-drilling recommended)
Surface can be walked on bare foot thanks to the flat countersunk head with milling ribs
Pinpoint fixing thanks to the special screw thread





Secure and convenient calculations

- Calculations take place in line with the ETA approval and DIN EN 1995-1-1 (Eurocode EC5), including your choice of national application documents (NAD)
- Quick and easy to use, simply enter values into the toolbox
- Secure and reliable: The program identifies incorrect entries in line with the geometric framework conditions
- Clear and flexible: Can be presented in 2D or 3D. Images can be rotated, swivelled, tilted and zoomed
- Always up-to-date thanks to the automatic or manual „Live Update“ feature



The application-based software

The software includes a range of different and newly expanded examples of day-to-day applications from the world of work. This means that you can work efficiently when dimensioning your projects with fischer screws. Calculation of applications with fischer Power-Fast screws (Ø 3 x 12 – 10 x 400 mm) and fischer Power-Full screws (Ø 6.5 x 120 – 10 x 600 mm).

Examples for rafter insulation:

- Pent roof
- Pitched roof
- Hipped roof

Examples for timber construction:

- **NEW** General connections (timber/timber, steel sheet/timber)
- Main/sub-beam connections
- **NEW** Lateral pressure support reinforcement
- **NEW** Notches
- Beam false edges
- **NEW** Beam head repairs
- **NEW** Openings
- Shear reinforcements
- **NEW** Tensile shearing connections

fischer FIXPERIENCE

The design and information software suite



- The modular design program includes engineering software and application modules.
- The software is based on international design standards (ETAG 001, EC1, EC2, EC3 and EC5), including the national application documents. All common force and measurement units are available.
- Incorrect input will be recognized and the software gives tips to get a correct result. This ensures a safe and reliable design every time.
- The graphical display can easily be rotated through 360°, panned, tilted or zoomed as required.
- The 3D display gives a detailed and realistic image.
- The "live update" feature helps to keep the program up to date ensuring you are always working with the latest version.
- Free download and updates at www.fischer.de/fixperience-en

Our service to you



We are available to you at any time as a reliable partner to offer technical support and advice:

- Our products range from chemical resin systems to steel anchors through to nylon anchors.
- Competence and innovation through own research, development and production.
- Global presence and active sales service in over 100 countries.
- Qualified technical consulting for economical and compliant fastening solutions. Also on-site at the construction site if requested.
- Training sessions, some with accreditation, at your premises or at the fischer academy.
- Design and construction software for demanding applications.

This is what fischer stands for



FIXING SYSTEMS



AUTOMOTIVE SYSTEMS



FISCHERTECHNIK



CONSULTING



LNT AUTOMATION

See the extensive main catalogue or visit our website at www.fischer-international.com for information about the complete fischer range