

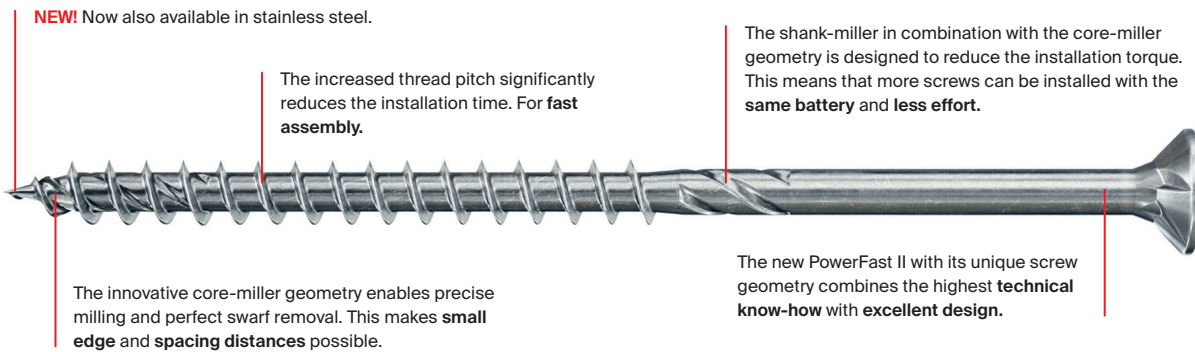
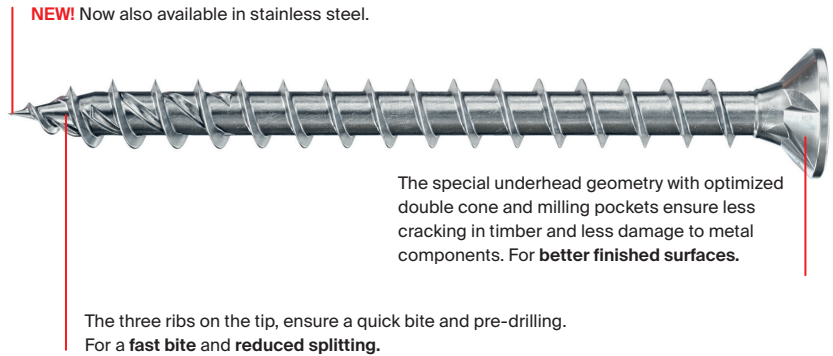
fischer 

**NEW IN
A2/A4**

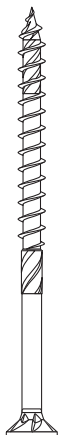
PowerFast II.
The chipboard screw
for fast and flexible
applications.



The chipboard screw for fast and flexible applications.



Drive: Available as TX-Star recess or cross drive PZ.

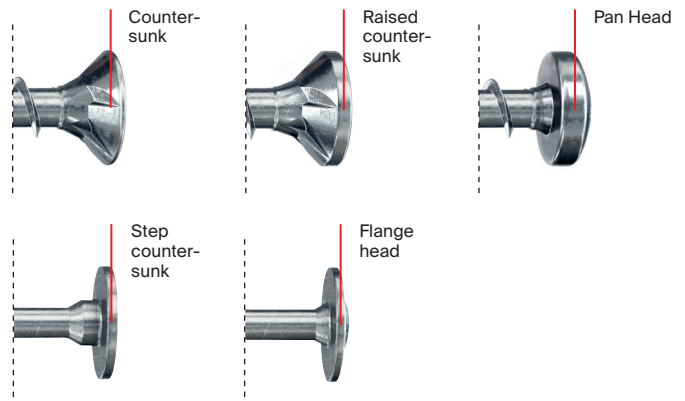


reddot winner 2020
innovative product



GERMAN
DESIGN
AWARD
WINNER
2020

Outstanding: Winner of the German Design Award 2020 and the Red Dot Award 2020.



Convincing in application.

Advantages at a glance

- The screw geometry of the new PowerFast II enables fast applications. Installation is easy, comfortable and flexible.
- The chipboard screw has significantly reduced splitting behavior in comparison with standard chipboard screws.
- The PowerFast II with high performance wax coating reduces screw-in torque and allows smooth installation.
- The blue passivated zinc plating does not contain chrome VI and is therefore environmentally friendly.
- The new recess sizes reduce the number of bit changes in the range from D3-D6 to only 2 changes (D3,0 -> D3,5 & D5,0 -> D6,0).

Approval



ETA-19/0175

Versatile in use.

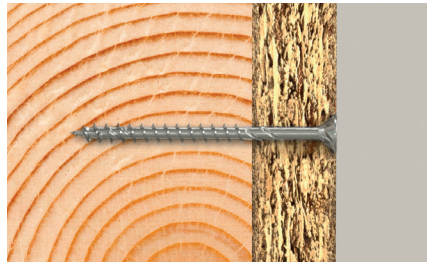
Applications in plug



The perfect plug-screw combination

- The new PowerFast II is suitable for use with fischer plugs (E.g DuoPower and UX) and recommended loads.
- This offers flexible application in the plug with high load-bearing capacities.
- No special screws are required.
- Safe and secure with fischer plugs.

Applications wood in wood



Powerful connections in nearly all kind of timber

- The new screw geometry provides the perfect solution, no matter if hard or soft wood.
- For use in load-bearing wooden constructions, for the connection of solid wood parts (soft wood and hard wood) as well as glued laminated timber, cross laminated timber, veneer laminated timber, similar glued wood components and wood-based panels.

Applications metal on wood

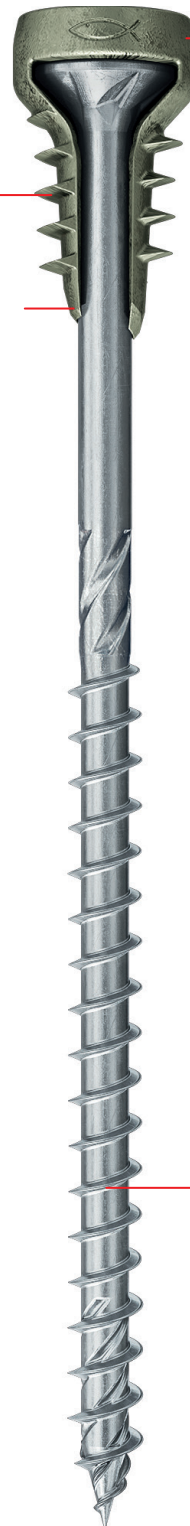


Fixation of metal without damage

- For metal parts to wood, e.g. metal fittings, angles, beam shoes and other metal and wood connections.
- The ideal solution for a clean surface finish without damage.

Adjusting screw FAFS.

The problem-solver for steplessly adjustable assembly of timber constructions or frames.



Stepless and precise adjustment of the attachment for **quick and comfortable adjustment.**

Thread on clip allows for **disassembly.**

No rotation of the clip during adjustment. Screw head retains its position **flush with the surface** of the attachment.

Approval



ETA-19/0175

Advantages at a glance

- The countersunk clip of the screw does not rotate during adjustment. The screw head maintains its position in the attachment part. Flush installation is ensured, without protruding screw heads.
- The special operating principle allows for stepless adjustment. The attachment part can be aligned with a high level of precision.
- The thread on the clip enables an unscrewing from the attachment part, facilitating disassembly.
- The PowerFast II chipboard screw used ensures the screw bites quickly into the material and screws in fast.

Unique thread for **quick bite and easy screw-in.**

More information:

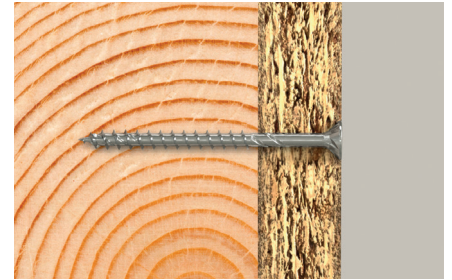
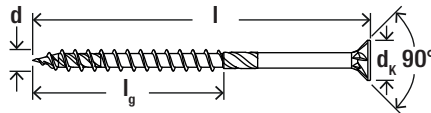
www.fischer-international.com/en/products/screws

Assortment

Technical data



FPF II CTP BC



Material: Steel

Coating: Blue zinc plated

Drive: TX-Star recess

Thread: Partial thread

Screw head: Countersunk



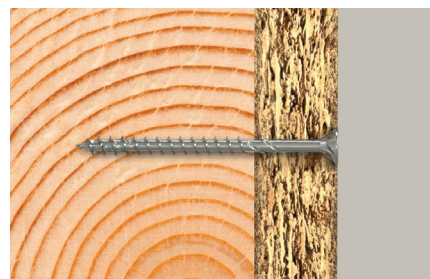
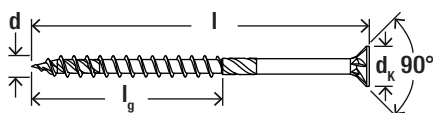
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d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	35	24	6,0	TX10	FPF II CTP 3,0x35 BC 200	670016	200	4048962368741
	35	24	6,0	TX10	FPF II CTP 3,0x35 BC 500	670017	500	4048962368758
	40	28	6,0	TX10	FPF II CTP 3,0x40 BC 200	670018	200	4048962368765
	40	28	6,0	TX10	FPF II CTP 3,0x40 BC 500	670019	500	4048962368772
	45	30	6,0	TX10	FPF II CTP 3,0x45 BC 200	670020	200	4048962368789
	45	30	6,0	TX10	FPF II CTP 3,0x45 BC 500	670021	500	4048962368796
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	25	18	7,0	TX20	FPF II CTP 3,5x25 BC 300	670108	300	4048962369663
	25	18	7,0	TX20	FPF II CTP 3,5x25 BC 1000	670135	1000	4048962369939
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	30	18	7,0	TX20	FPF II CTP 3,5x30 BC 500	670123	500	4048962369816
	35	24	7,0	TX20	FPF II CTP 3,5x35 BC 200	670081	200	4048962369397
	35	24	7,0	TX20	FPF II CTP 3,5x35 BC 500	670124	500	4048962369823
	35	24	7,0	TX20	FPF II CTP 3,5x35 BC 1000	670136	1000	4048962369946
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	40	28	7,0	TX20	FPF II CTP 3,5x40 BC 1000	670137	1000	4048962369953
	45	30	7,0	TX20	FPF II CTP 3,5x45 BC 200	670083	200	4048962369410
	45	30	7,0	TX20	FPF II CTP 3,5x45 BC 500	670125	500	4048962369830
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70	42	8,0	TX20	FPF II CTP 4,0x70 BC 100	670178	100	4048962370362	

Assortment

Technical data



PPF II CTP BC



Material: Steel

Coating: Blue zinc plated

Drive: TX-Star recess

Thread: Partial thread

Screw head: Countersunk

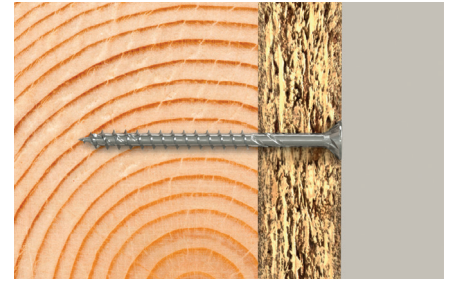
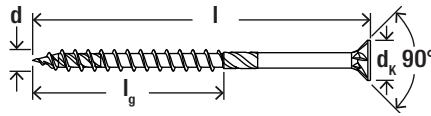


Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
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	35	24	9,0	TX20	PPF II CTP 4,5x35 BC 200	670266	200	4048962371246
	35	24	9,0	TX20	PPF II CTP 4,5x35 BC 500	670267	500	4048962371253
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	45	30	9,0	TX20	PPF II CTP 4,5x45 BC 50	670666	50	4048962375244
	45	30	9,0	TX20	PPF II CTP 4,5x45 BC 200	670270	200	4048962371284
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	60	36	9,0	TX20	PPF II CTP 4,5x60 BC 50	670669	50	4048962375275
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	60	36	9,0	TX20	PPF II CTP 4,5x60 BC 200	670632	200	4048962374902
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	45	30	10,0	TX20	PPF II CTP 5,0x45 BC 200	670374	200	4048962372328
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	70	42	10,0	TX20	PPF II CTP 5,0x70 BC 50	670685	50	4048962375435
	70	42	10,0	TX20	PPF II CTP 5,0x70 BC 100	670380	100	4048962372380

Technical data



FPF II CTP BC



Material: Steel

Coating: Blue zinc plated

Drive: TX-Star recess

Thread: Partial thread

Screw head: Countersunk



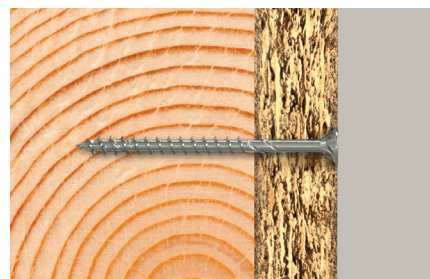
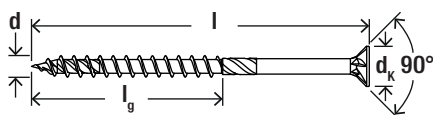
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	90	54	10,0	TX20	FPF II CTP 5,0x90 BC 200	670385	200	4048962372434
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	100	60	10,0	TX20	FPF II CTP 5,0x100 BC 100	670364	100	4048962372229
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	110	70	10,0	TX20	FPF II CTP 5,0x110 BC 200	670367	200	4048962372250
	120	70	10,0	TX20	FPF II CTP 5,0x120 BC 50	670674	50	4048962375329
	120	70	10,0	TX20	FPF II CTP 5,0x120 BC 100	670368	100	4048962372267
120	70	10,0	TX20	FPF II CTP 5,0x120 BC 200	670369	200	4048962372274	
6,0	40	28	12,0	TX30	FPF II CTP 6,0x40 BC 200	670476	200	4048962373349
	40	28	12,0	TX30	FPF II CTP 6,0x40 BC 500	670477	500	4048962373356
	50	30	12,0	TX30	FPF II CTP 6,0x50 BC 100	670478	100	4048962373363
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	80	45	12,0	TX30	FPF II CTP 6,0x80 BC 100	670485	100	4048962373431
	80	45	12,0	TX30	FPF II CTP 6,0x80 BC 200	670486	200	4048962373448
	90	54	12,0	TX30	FPF II CTP 6,0x90 BC 100	670487	100	4048962373455
	90	54	12,0	TX30	FPF II CTP 6,0x90 BC 200	670647	200	4048962375053
	100	60	12,0	TX30	FPF II CTP 6,0x100 BC 25	670458	25	4048962373165
	100	60	12,0	TX30	FPF II CTP 6,0x100 BC 50	670688	50	4048962375466
	100	60	12,0	TX30	FPF II CTP 6,0x100 BC 100	670457	100	4048962373158
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	120	70	12,0	TX30	FPF II CTP 6,0x120 BC 50	670690	50	4048962375480
	120	70	12,0	TX30	FPF II CTP 6,0x120 BC 100	670460	100	4048962373189
	130	70	12,0	TX30	FPF II CTP 6,0x130 BC 50	670691	50	4048962375497
	130	70	12,0	TX30	FPF II CTP 6,0x130 BC 100	670461	100	4048962373196
	140	70	12,0	TX30	FPF II CTP 6,0x140 BC 50	670692	50	4048962375503
	140	70	12,0	TX30	FPF II CTP 6,0x140 BC 100	670462	100	4048962373202
150	70	12,0	TX30	FPF II CTP 6,0x150 BC 50	670693	50	4048962375510	
150	70	12,0	TX30	FPF II CTP 6,0x150 BC 100	670463	100	4048962373219	
160	70	12,0	TX30	FPF II CTP 6,0x160 BC 50	670694	50	4048962375527	
160	70	12,0	TX30	FPF II CTP 6,0x160 BC 100	670464	100	4048962373226	

Assortment

Technical data



FPF II CTP BC



Material: Steel

Coating: Blue zinc plated

Drive: TX-Star recess

Thread: Partial thread

Screw head: Countersunk

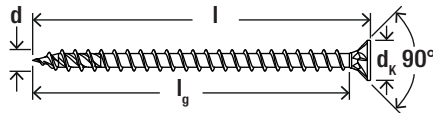


Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
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6,0	180	70	12,0	TX30	FPF II CTP 6,0x180 BC 50	670695	50	4048962375534
	180	70	12,0	TX30	FPF II CTP 6,0x180 BC 100	670465	100	4048962373233
	200	70	12,0	TX30	FPF II CTP 6,0x200 BC 50	670696	50	4048962375541
	200	70	12,0	TX30	FPF II CTP 6,0x200 BC 100	670466	100	4048962373240
	220	70	12,0	TX30	FPF II CTP 6,0x220 BC 50	670467	50	4048962373257
	240	70	12,0	TX30	FPF II CTP 6,0x240 BC 25	670468	25	4048962373264
	240	70	12,0	TX30	FPF II CTP 6,0x240 BC 50	670469	50	4048962373271
	260	70	12,0	TX30	FPF II CTP 6,0x260 BC 25	670470	25	4048962373288
	260	70	12,0	TX30	FPF II CTP 6,0x260 BC 50	670471	50	4048962373295
	280	70	12,0	TX30	FPF II CTP 6,0x280 BC 25	670472	25	4048962373301
	280	70	12,0	TX30	FPF II CTP 6,0x280 BC 50	670473	50	4048962373318
	300	70	12,0	TX30	FPF II CTP 6,0x300 BC 25	670474	25	4048962373325
300	70	12,0	TX30	FPF II CTP 6,0x300 BC 50	670475	50	4048962373332	
5,0	50	30	10,0	TX25	FPF II CT25P 5,0x50 BC 200	670343	200	4048962372014
	60	36	10,0	TX25	FPF II CT25P 5,0x60 BC 200	670344	200	4048962372021
	70	42	10,0	TX25	FPF II CT25P 5,0x70 BC 200	670345	200	4048962372038
	80	45	10,0	TX25	FPF II CT25P 5,0x80 BC 200	670346	200	4048962372045
	90	54	10,0	TX25	FPF II CT25P 5,0x90 BC 200	670347	200	4048962372052
	100	60	10,0	TX25	FPF II CT25P 5,0x100 BC 100	670341	100	4048962371994
	120	70	10,0	TX25	FPF II CT25P 5,0x120 BC 100	670342	100	4048962372007

Technical data



FPF II CTF BC



Material: Steel
Coating: Blue zinc plated
Drive: TX-Star recess
Thread: Full thread
Screw head: Countersunk



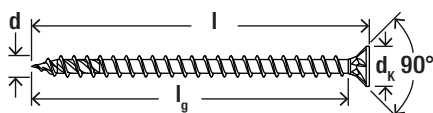
Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	12	8	6,0	TX10	FPF II CTF 3,0x12 BC 200	670001	200	4048962368598
	12	8	6,0	TX10	FPF II CTF 3,0x12 BC 1000	670000	1000	4048962368581
	16	12	6,0	TX10	FPF II CTF 3,0x16 BC 200	670003	200	4048962368611
	16	12	6,0	TX10	FPF II CTF 3,0x16 BC 500	670004	500	4048962368628
	16	12	6,0	TX10	FPF II CTF 3,0x16 BC 1000	670002	1000	4048962368604
	20	16	6,0	TX10	FPF II CTF 3,0x20 BC 200	670006	200	4048962368642
	20	16	6,0	TX10	FPF II CTF 3,0x20 BC 500	670007	500	4048962368659
	20	16	6,0	TX10	FPF II CTF 3,0x20 BC 1000	670005	1000	4048962368635
	25	21	6,0	TX10	FPF II CTF 3,0x25 BC 200	670009	200	4048962368673
	25	21	6,0	TX10	FPF II CTF 3,0x25 BC 500	670010	500	4048962368680
	25	21	6,0	TX10	FPF II CTF 3,0x25 BC 1000	670008	1000	4048962368666
	30	26	6,0	TX10	FPF II CTF 3,0x30 BC 200	670012	200	4048962368703
	30	26	6,0	TX10	FPF II CTF 3,0x30 BC 500	670013	500	4048962368710
	30	26	6,0	TX10	FPF II CTF 3,0x30 BC 1000	670011	1000	4048962368697
	35	31	6,0	TX10	FPF II CTF 3,0x35 BC 200	670015	200	4048962368734
	35	31	6,0	TX 10	FPF II CTF 3,0x35 BC 500	670621	500	4048962374797
	35	31	6,0	TX10	FPF II CTF 3,0x35 BC 1000	670014	1000	4048962368727
3,5	16	12	7,0	TX20	FPF II CTF 3,5x16 BC 200	670073	200	4048962369311
	16	12	7,0	TX20	FPF II CTF 3,5x16 BC 1000	670130	1000	4048962369885
	20	16	7,0	TX20	FPF II CTF 3,5x20 BC 200	670074	200	4048962369328
	20	16	7,0	TX20	FPF II CTF 3,5x20 BC 1000	670131	1000	4048962369892
	25	21	7,0	TX20	FPF II CTF 3,5x25 BC 200	670075	200	4048962369335
	25	21	7,0	TX20	FPF II CTF 3,5x25 BC 1000	670132	1000	4048962369908
	30	26	7,0	TX20	FPF II CTF 3,5x30 BC 200	670076	200	4048962369342
	30	26	7,0	TX20	FPF II CTF 3,5x30 BC 500	670120	500	4048962369786
	30	26	7,0	TX20	FPF II CTF 3,5x30 BC 1000	670133	1000	4048962369915
	35	31	7,0	TX20	FPF II CTF 3,5x35 BC 200	670077	200	4048962369359
	35	31	7,0	TX20	FPF II CTF 3,5x35 BC 300	670106	300	4048962369649
	35	31	7,0	TX20	FPF II CTF 3,5x35 BC 1000	670134	1000	4048962369922
	40	36	7,0	TX20	FPF II CTF 3,5x40 BC 200	670078	200	4048962369366
	40	36	7,0	TX20	FPF II CTF 3,5x40 BC 300	670107	300	4048962369656
	40	36	7,0	TX20	FPF II CTF 3,5x40 BC 500	670121	500	4048962369793
	45	36	7,0	TX20	FPF II CTF 3,5x45 BC 200	670079	200	4048962369373
	45	41	7,0	TX20	FPF II CTF 3,5x45 BC 500	670122	500	4048962369809
4,0	16	11	8,0	TX20	FPF II CTF 4,0x16 BC 200	670147	200	4048962370058
	16	11	8,0	TX20	FPF II CTF 4,0x16 BC 500	670148	500	4048962370065
	20	15	8,0	TX20	FPF II CTF 4,0x20 BC 200	670150	200	4048962370089
	20	15	8,0	TX20	FPF II CTF 4,0x20 BC 500	670151	500	4048962370096
	20	15	8,0	TX20	FPF II CTF 4,0x20 BC 1000	670149	1000	4048962370072
	25	20	8,0	TX20	FPF II CTF 4,0x25 BC 200	670152	200	4048962370102
	25	20	8,0	TX20	FPF II CTF 4,0x25 BC 500	670153	500	4048962370119
	25	20	8,0	TX20	FPF II CTF 4,0x25 BC 1000	670624	1000	4048962374827
	30	25	8,0	TX20	FPF II CTF 4,0x30 BC 50	670648	50	4048962375060
	30	25	8,0	TX20	FPF II CTF 4,0x30 BC 200	670155	200	4048962370133

Assortment

Technical data



FPF II CTF BC



Material: Steel

Coating: Blue zinc plated

Drive: TX-Star recess

Thread: Full thread

Screw head: Countersunk

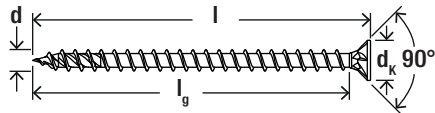


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
4,0	30	25	8,0	TX20	FPF II CTF 4,0x30 BC 1000	670154	1000	4048962370126
	35	30	8,0	TX20	FPF II CTF 4,0x35 BC 50	670650	50	4048962375084
	35	30	8,0	TX20	FPF II CTF 4,0x35 BC 200	670156	200	4048962370140
	35	30	8,0	TX20	FPF II CTF 4,0x35 BC 500	670157	500	4048962370157
	35	30	8,0	TX20	FPF II CTF 4,0x35 BC 1000	670625	1000	4048962374834
	40	35	8,0	TX20	FPF II CTF 4,0x40 BC 50	670652	50	4048962375107
	40	35	8,0	TX20	FPF II CTF 4,0x40 BC 200	670159	200	4048962370171
	40	35	8,0	TX20	FPF II CTF 4,0x40 BC 1000	670158	1000	4048962370164
	45	40	8,0	TX20	FPF II CTF 4,0x45 BC 50	670654	50	4048962375121
	45	40	8,0	TX20	FPF II CTF 4,0x45 BC 200	670160	200	4048962370188
	45	40	8,0	TX20	FPF II CTF 4,0x45 BC 500	670161	500	4048962370195
	50	45	8,0	TX20	FPF II CTF 4,0x50 BC 50	670656	50	4048962375145
	50	45	8,0	TX20	FPF II CTF 4,0x50 BC 200	670162	200	4048962370201
	50	45	8,0	TX20	FPF II CTF 4,0x50 BC 500	670163	500	4048962370218
4,5	20	15	9,0	TX20	FPF II CTF 4,5x20 BC 200	670253	200	4048962371116
	20	15	9,0	TX20	FPF II CTF 4,5x20 BC 500	670630	500	4048962374889
	25	20	9,0	TX20	FPF II CTF 4,5x25 BC 200	670254	200	4048962371123
	25	20	9,0	TX20	FPF II CTF 4,5x25 BC 500	670255	500	4048962371130
	30	25	9,0	TX20	FPF II CTF 4,5x30 BC 50	670660	50	4048962375183
	30	25	9,0	TX20	FPF II CTF 4,5x30 BC 200	670256	200	4048962371147
	30	25	9,0	TX20	FPF II CTF 4,5x30 BC 500	670257	500	4048962371154
	35	30	9,0	TX20	FPF II CTF 4,5x35 BC 50	670661	50	4048962375190
	35	30	9,0	TX20	FPF II CTF 4,5x35 BC 200	670258	200	4048962371161
	35	30	9,0	TX20	FPF II CTF 4,5x35 BC 500	670259	500	4048962371178
	40	35	9,0	TX20	FPF II CTF 4,5x40 BC 50	670663	50	4048962375213
	40	35	9,0	TX20	FPF II CTF 4,5x40 BC 200	670260	200	4048962371185
	40	35	9,0	TX20	FPF II CTF 4,5x40 BC 500	670261	500	4048962371192
	45	40	9,0	TX20	FPF II CTF 4,5x45 BC 50	670665	50	4048962375237
	45	40	9,0	TX20	FPF II CTF 4,5x45 BC 200	670262	200	4048962371208
	45	40	9,0	TX20	FPF II CTF 4,5x45 BC 500	670263	500	4048962371215
	50	45	9,0	TX20	FPF II CTF 4,5x50 BC 50	670667	50	4048962375251
	50	45	9,0	TX20	FPF II CTF 4,5x50 BC 200	670264	200	4048962371222
	50	45	9,0	TX20	FPF II CTF 4,5x50 BC 500	670265	500	4048962371239
	5,0	20	14	10,0	TX20	FPF II CTF 5,0x20 BC 200	670348	200
25		19	10,0	TX20	FPF II CTF 5,0x25 BC 200	670349	200	4048962372076
25		19	10,0	TX20	FPF II CTF 5,0x25 BC 500	670639	500	4048962374971
30		24	10,0	TX20	FPF II CTF 5,0x30 BC 200	670350	200	4048962372083
30		24	10,0	TX20	FPF II CTF 5,0x30 BC 500	670351	500	4048962372090
35		29	10,0	TX20	FPF II CTF 5,0x35 BC 50	670675	50	4048962375336
35		29	10,0	TX20	FPF II CTF 5,0x35 BC 200	670352	200	4048962372106
35		29	10,0	TX20	FPF II CTF 5,0x35 BC 500	670353	500	4048962372113
40		34	10,0	TX20	FPF II CTF 5,0x40 BC 200	670354	200	4048962372120
40		34	10,0	TX20	FPF II CTF 5,0x40 BC 500	670355	500	4048962372137
45		39	10,0	TX20	FPF II CTF 5,0x45 BC 50	670678	50	4048962375367

Technical data



FPF II CTF BC



Material: Steel
Coating: Blue zinc plated
Drive: TX-Star recess
Thread: Full thread
Screw head: Countersunk



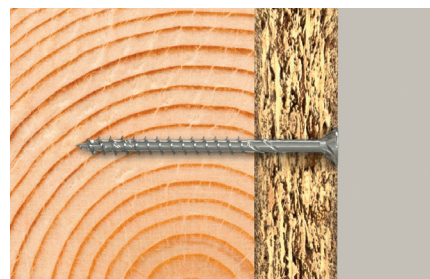
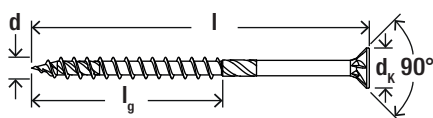
Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
5,0	45	39	10,0	TX20	FPF II CTF 5,0x45 BC 200	670356	200	4048962372144
	45	39	10,0	TX20	FPF II CTF 5,0x45 BC 500	670357	500	4048962372151
	50	44	10,0	TX20	FPF II CTF 5,0x50 BC 50	670680	50	4048962375381
	50	44	10,0	TX20	FPF II CTF 5,0x50 BC 200	670358	200	4048962372168
	50	44	10,0	TX20	FPF II CTF 5,0x50 BC 500	670359	500	4048962372175
	60	54	10,0	TX20	FPF II CTF 5,0x60 BC 50	670682	50	4048962375404
	60	54	10,0	TX20	FPF II CTF 5,0x60 BC 100	670360	100	4048962372182
	60	54	10,0	TX20	FPF II CTF 5,0x60 BC 200	670640	200	4048962374988
	60	54	10,0	TX20	FPF II CTF 5,0x60 BC 500	670361	500	4048962372199
	70	64	10,0	TX20	FPF II CTF 5,0x70 BC 50	670684	50	4048962375428
6,0	40	33	12,0	TX30	FPF II CTF 6,0x40 BC 200	670450	200	4048962373080
	40	33	12,0	TX30	FPF II CTF 6,0x40 BC 500	670451	500	4048962373097
	50	43	12,0	TX30	FPF II CTF 6,0x50 BC 100	670452	100	4048962373103
	50	43	12,0	TX30	FPF II CTF 6,0x50 BC 200	670453	200	4048962373110
	50	43	12,0	TX30	FPF II CTF 6,0x50 BC 400	670454	400	4048962373127
	60	53	12,0	TX30	FPF II CTF 6,0x60 BC 100	670455	100	4048962373134
	60	53	12,0	TX30	FPF II CTF 6,0x60 BC 200	670456	200	4048962373141

Assortment

Technical data



FPF II CZP BC



Material: Steel

Coating: Blue zinc plated

Drive: Cross drive PZ

Thread: Partial thread

Screw head: Countersunk

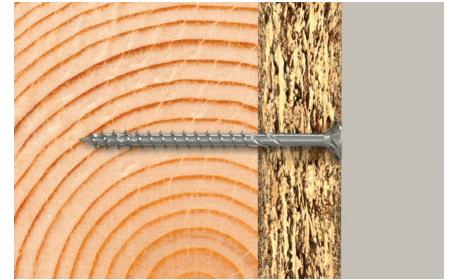
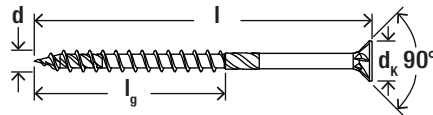


Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	35	24	6,0	PZ1	FPF II CZP 3,0x35 BC 100	670044	100	4048962369021
	35	24	6,0	PZ1	FPF II CZP 3,0x35 BC 200	670046	200	4048962369045
	35	24	6,0	PZ1	FPF II CZP 3,0x35 BC 300	670047	300	4048962369052
	35	24	6,0	PZ1	FPF II CZP 3,0x35 BC 1000	670045	1000	4048962369038
	40	28	6,0	PZ1	FPF II CZP 3,0x40 BC 100	670048	100	4048962369069
	40	28	6,0	PZ1	FPF II CZP 3,0x40 BC 200	670050	200	4048962369083
	40	28	6,0	PZ1	FPF II CZP 3,0x40 BC 300	670051	300	4048962369090
	40	28	6,0	PZ1	FPF II CZP 3,0x40 BC 1000	670049	1000	4048962369076
	45	30	6,0	PZ1	FPF II CZP 3,0x45 BC 100	670052	100	4048962369106
	45	30	6,0	PZ1	FPF II CZP 3,0x45 BC 200	670054	200	4048962369120
	45	30	6,0	PZ1	FPF II CZP 3,0x45 BC 300	670055	300	4048962369137
	45	30	6,0	PZ1	FPF II CZP 3,0x45 BC 1000	670053	1000	4048962369113
3,5	30	18	7,0	PZ2	FPF II CZP 3,5x30 BC 200	670092	200	4048962369502
	35	24	7,0	PZ2	FPF II CZP 3,5x35 BC 100	670069	100	4048962369274
	35	24	7,0	PZ2	FPF II CZP 3,5x35 BC 200	670093	200	4048962369519
	35	24	7,0	PZ2	FPF II CZP 3,5x35 BC 300	670116	300	4048962369748
	35	24	7,0	PZ2	FPF II CZP 3,5x35 BC 1000	670145	1000	4048962370034
	40	28	7,0	PZ2	FPF II CZP 3,5x40 BC 100	670070	100	4048962369281
	40	28	7,0	PZ2	FPF II CZP 3,5x40 BC 200	670094	200	4048962369526
	40	28	7,0	PZ2	FPF II CZP 3,5x40 BC 300	670117	300	4048962369755
	40	28	7,0	PZ2	FPF II CZP 3,5x40 BC 1000	670146	1000	4048962370041
	45	30	7,0	PZ2	FPF II CZP 3,5x45 BC 100	670071	100	4048962369298
	45	30	7,0	PZ2	FPF II CZP 3,5x45 BC 200	670095	200	4048962369533
	45	30	7,0	PZ2	FPF II CZP 3,5x45 BC 300	670118	300	4048962369762
	45	30	7,0	PZ2	FPF II CZP 3,5x45 BC 500	670128	500	4048962369861
	50	30	7,0	PZ2	FPF II CZP 3,5x50 BC 100	670072	100	4048962369304
	50	30	7,0	PZ2	FPF II CZP 3,5x50 BC 200	670096	200	4048962369540
	50	30	7,0	PZ2	FPF II CZP 3,5x50 BC 300	670119	300	4048962369779
4,0	30	18	8,0	PZ2	FPF II CZP 4,0x30 BC 200	670210	200	4048962370683
	30	18	8,0	PZ2	FPF II CZP 4,0x30 BC 1000	670209	1000	4048962370676
	35	24	8,0	PZ2	FPF II CZP 4,0x35 BC 100	670211	100	4048962370690
	35	24	8,0	PZ2	FPF II CZP 4,0x35 BC 200	670213	200	4048962370713
	35	24	8,0	PZ2	FPF II CZP 4,0x35 BC 300	670214	300	4048962370720
	35	24	8,0	PZ2	FPF II CZP 4,0x35 BC 1000	670212	1000	4048962370706
	40	28	8,0	PZ2	FPF II CZP 4,0x40 BC 100	670215	100	4048962370737
	40	28	8,0	PZ2	FPF II CZP 4,0x40 BC 200	670217	200	4048962370751
	40	28	8,0	PZ2	FPF II CZP 4,0x40 BC 300	670218	300	4048962370768
	40	28	8,0	PZ2	FPF II CZP 4,0x40 BC 1000	670216	1000	4048962370744
	45	30	8,0	PZ2	FPF II CZP 4,0x45 BC 100	670219	100	4048962370775
	45	30	8,0	PZ2	FPF II CZP 4,0x45 BC 200	670220	200	4048962370782
	45	30	8,0	PZ2	FPF II CZP 4,0x45 BC 300	670221	300	4048962370799
	45	30	8,0	PZ2	FPF II CZP 4,0x45 BC 500	670222	500	4048962370805
	50	30	8,0	PZ2	FPF II CZP 4,0x50 BC 75	670225	75	4048962370836
	50	30	8,0	PZ2	FPF II CZP 4,0x50 BC 200	670223	200	4048962370812

Technical data



FPF II CZP BC



Material: Steel

Coating: Blue zinc plated

Drive: Cross drive PZ

Thread: Partial thread

Screw head: Countersunk



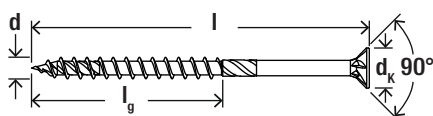
Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
4,0	50	30	8,0	PZ2	FPF II CZP 4,0x50 BC 500	670224	500	4048962370829
	60	36	8,0	PZ2	FPF II CZP 4,0x60 BC 50	670227	50	4048962370850
	60	36	8,0	PZ2	FPF II CZP 4,0x60 BC 200	670226	200	4048962370843
	60	36	8,0	PZ2	FPF II CZP 4,0x60 BC 500	670228	500	4048962370867
	70	42	8,0	PZ2	FPF II CZP 4,0x70 BC 50	670231	50	4048962370898
	70	42	8,0	PZ2	FPF II CZP 4,0x70 BC 100	670229	100	4048962370874
	70	42	8,0	PZ2	FPF II CZP 4,0x70 BC 200	670230	200	4048962370881
	70	42	8,0	PZ2	FPF II CZP 4,0x70 BC 500	670232	500	4048962370904
4,5	35	24	9,0	PZ2	FPF II CZP 4,5x35 BC 100	670306	100	4048962371642
	35	24	9,0	PZ2	FPF II CZP 4,5x35 BC 200	670307	200	4048962371659
	35	24	9,0	PZ2	FPF II CZP 4,5x35 BC 500	670308	500	4048962371666
	40	28	9,0	PZ2	FPF II CZP 4,5x40 BC 50	670310	50	4048962371680
	40	28	9,0	PZ2	FPF II CZP 4,5x40 BC 200	670309	200	4048962371673
	40	28	9,0	PZ2	FPF II CZP 4,5x40 BC 500	670311	500	4048962371697
	45	30	9,0	PZ2	FPF II CZP 4,5x45 BC 50	670313	50	4048962371710
	45	30	9,0	PZ2	FPF II CZP 4,5x45 BC 200	670312	200	4048962371703
	45	30	9,0	PZ2	FPF II CZP 4,5x45 BC 500	670314	500	4048962371727
	50	30	9,0	PZ2	FPF II CZP 4,5x50 BC 50	670316	50	4048962371741
	50	30	9,0	PZ2	FPF II CZP 4,5x50 BC 200	670315	200	4048962371734
	50	30	9,0	PZ2	FPF II CZP 4,5x50 BC 500	670317	500	4048962371758
	60	36	9,0	PZ2	FPF II CZP 4,5x60 BC 50	670320	50	4048962371789
	60	36	9,0	PZ2	FPF II CZP 4,5x60 BC 100	670318	100	4048962371765
	60	36	9,0	PZ2	FPF II CZP 4,5x60 BC 200	670319	200	4048962371772
	60	36	9,0	PZ2	FPF II CZP 4,5x60 BC 500	670321	500	4048962371796
	70	42	9,0	PZ2	FPF II CZP 4,5x70 BC 50	670324	50	4048962371826
	70	42	9,0	PZ2	FPF II CZP 4,5x70 BC 100	670322	100	4048962371802
	70	42	9,0	PZ2	FPF II CZP 4,5x70 BC 200	670323	200	4048962371819
	70	42	9,0	PZ2	FPF II CZP 4,5x70 BC 500	670634	500	4048962374926
80	45	9,0	PZ2	FPF II CZP 4,5x80 BC 50	670326	50	4048962371840	
80	45	9,0	PZ2	FPF II CZP 4,5x80 BC 200	670325	200	4048962371833	
80	45	9,0	PZ2	FPF II CZP 4,5x80 BC 500	670635	500	4048962374933	
5,0	40	28	10,0	PZ2	FPF II CZP 5,0x40 BC 100	670643	100	4048962375015
	40	28	10,0	PZ2	FPF II CZP 5,0x40 BC 200	670413	200	4048962372717
	40	28	10,0	PZ2	FPF II CZP 5,0x40 BC 500	670414	500	4048962372724
	45	30	10,0	PZ2	FPF II CZP 5,0x45 BC 50	670416	50	4048962372748
	45	30	10,0	PZ2	FPF II CZP 5,0x45 BC 100	670644	100	4048962375022
	45	30	10,0	PZ2	FPF II CZP 5,0x45 BC 200	670415	200	4048962372731
	45	30	10,0	PZ2	FPF II CZP 5,0x45 BC 500	670417	500	4048962372755
	50	30	10,0	PZ2	FPF II CZP 5,0x50 BC 50	670419	50	4048962372779
	50	30	10,0	PZ2	FPF II CZP 5,0x50 BC 100	670645	100	4048962375039
	50	30	10,0	PZ2	FPF II CZP 5,0x50 BC 200	670418	200	4048962372762
	50	30	10,0	PZ2	FPF II CZP 5,0x50 BC 500	670420	500	4048962372786
	60	36	10,0	PZ2	FPF II CZP 5,0x60 BC 50	670423	50	4048962372816
	60	36	10,0	PZ2	FPF II CZP 5,0x60 BC 100	670421	100	4048962372793

Assortment

Technical data



FPF II CZP BC



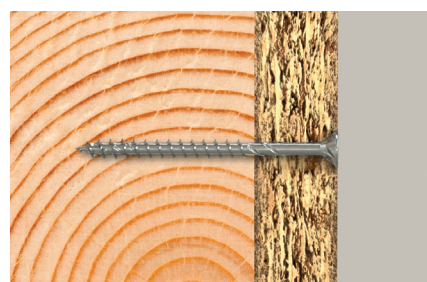
Material: Steel

Coating: Blue zinc plated

Drive: Cross drive PZ

Thread: Partial thread

Screw head: Countersunk

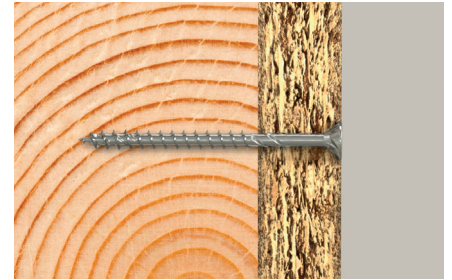
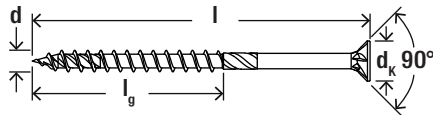


Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
5,0	60	36	10,0	PZ2	FPF II CZP 5,0x60 BC 200	670422	200	4048962372809
	60	36	10,0	PZ2	FPF II CZP 5,0x60 BC 500	670424	500	4048962372823
	70	42	10,0	PZ2	FPF II CZP 5,0x70 BC 30	670427	30	4048962372854
	70	42	10,0	PZ2	FPF II CZP 5,0x70 BC 100	670425	100	4048962372830
	70	42	10,0	PZ2	FPF II CZP 5,0x70 BC 200	670426	200	4048962372847
	80	45	10,0	PZ2	FPF II CZP 5,0x80 BC 30	670430	30	4048962372885
	80	45	10,0	PZ2	FPF II CZP 5,0x80 BC 100	670428	100	4048962372861
	80	45	10,0	PZ2	FPF II CZP 5,0x80 BC 200	670429	200	4048962372878
	90	54	10,0	PZ2	FPF II CZP 5,0x90 BC 30	670433	30	4048962372915
	90	54	10,0	PZ2	FPF II CZP 5,0x90 BC 100	670431	100	4048962372892
	90	54	10,0	PZ2	FPF II CZP 5,0x90 BC 200	670432	200	4048962372908
	100	60	10,0	PZ2	FPF II CZP 5,0x100 BC 30	670409	30	4048962372670
	100	60	10,0	PZ2	FPF II CZP 5,0x100 BC 100	670407	100	4048962372656
	100	60	10,0	PZ2	FPF II CZP 5,0x100 BC 200	670408	200	4048962372663
6,0	120	70	10,0	PZ2	FPF II CZP 5,0x120 BC 30	670412	30	4048962372700
	120	70	10,0	PZ2	FPF II CZP 5,0x120 BC 100	670410	100	4048962372687
	120	70	10,0	PZ2	FPF II CZP 5,0x120 BC 200	670411	200	4048962372694
	40	28	12,0	PZ3	FPF II CZP 6,0x40 BC 50	670514	50	4048962373721
	40	28	12,0	PZ3	FPF II CZP 6,0x40 BC 200	670513	200	4048962373714
	40	28	12,0	PZ3	FPF II CZP 6,0x40 BC 500	670515	500	4048962373738
	50	30	12,0	PZ3	FPF II CZP 6,0x50 BC 30	670518	30	4048962373769
	50	30	12,0	PZ3	FPF II CZP 6,0x50 BC 100	670516	100	4048962373745
	50	30	12,0	PZ3	FPF II CZP 6,0x50 BC 200	670517	200	4048962373752
	60	36	12,0	PZ3	FPF II CZP 6,0x60 BC 30	670521	30	4048962373790
	60	36	12,0	PZ3	FPF II CZP 6,0x60 BC 100	670519	100	4048962373776
	60	36	12,0	PZ3	FPF II CZP 6,0x60 BC 200	670520	200	4048962373783
	70	42	12,0	PZ3	FPF II CZP 6,0x70 BC 30	670524	30	4048962373820
	70	42	12,0	PZ3	FPF II CZP 6,0x70 BC 100	670522	100	4048962373806
	70	42	12,0	PZ3	FPF II CZP 6,0x70 BC 200	670523	200	4048962373813
	80	45	12,0	PZ3	FPF II CZP 6,0x80 BC 30	670527	30	4048962373851
	80	45	12,0	PZ3	FPF II CZP 6,0x80 BC 100	670525	100	4048962373837
	80	45	12,0	PZ3	FPF II CZP 6,0x80 BC 200	670526	200	4048962373844
90	54	12,0	PZ3	FPF II CZP 6,0x90 BC 100	670528	100	4048962373868	
90	54	12,0	PZ3	FPF II CZP 6,0x90 BC 200	670529	200	4048962373875	
100	60	12,0	PZ3	FPF II CZP 6,0x100 BC 25	670501	25	4048962373592	
100	60	12,0	PZ3	FPF II CZP 6,0x100 BC 100	670500	100	4048962373585	
120	70	12,0	PZ3	FPF II CZP 6,0x120 BC 25	670503	25	4048962373615	
120	70	12,0	PZ3	FPF II CZP 6,0x120 BC 100	670502	100	4048962373608	
140	70	12,0	PZ3	FPF II CZP 6,0x140 BC 25	670505	25	4048962373639	
140	70	12,0	PZ3	FPF II CZP 6,0x140 BC 100	670504	100	4048962373622	
160	70	12,0	PZ3	FPF II CZP 6,0x160 BC 100	670506	100	4048962373646	
180	70	12,0	PZ3	FPF II CZP 6,0x180 BC 25	670508	25	4048962373660	
180	70	12,0	PZ3	FPF II CZP 6,0x180 BC 100	670507	100	4048962373653	
200	70	12,0	PZ3	FPF II CZP 6,0x200 BC 25	670510	25	4048962373684	

Technical data



FPF II CZP BC



Material: Steel

Coating: Blue zinc plated

Drive: Cross drive PZ

Thread: Partial thread

Screw head: Countersunk



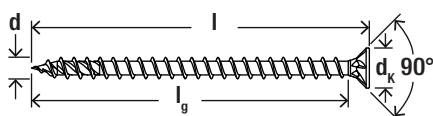
Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
6,0	200	70	12,0	PZ3	FPF II CZP 6,0x200 BC 100	670509	100	4048962373677
	300	70	12,0	PZ3	FPF II CZP 6,0x300 BC 25	670511	25	4048962373691
	300	70	12,0	PZ3	FPF II CZP 6,0x300 BC 50	670512	50	4048962373707

Assortment

Technical data



PPF II CZF BC



Material: Steel

Coating: Blue zinc plated

Drive: Cross drive PZ

Thread: Full thread

Screw head: Countersunk

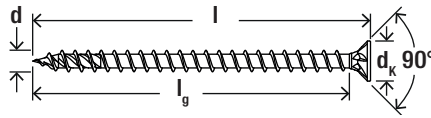


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	12	8	6,0	PZ1	PPF II CZF 3,0x12 BC 200	670023	200	4048962368819
	12	8	6,0	PZ1	PPF II CZF 3,0x12 BC 300	670024	300	4048962368826
	12	8	6,0	PZ1	PPF II CZF 3,0x12 BC 500	670025	500	4048962368833
	12	8	6,0	PZ1	PPF II CZF 3,0x12 BC 1000	670022	1000	4048962368802
	16	12	6,0	PZ1	PPF II CZF 3,0x16 BC 200	670027	200	4048962368857
	16	12	6,0	PZ1	PPF II CZF 3,0x16 BC 300	670028	300	4048962368864
	16	12	6,0	PZ1	PPF II CZF 3,0x16 BC 1000	670026	1000	4048962368840
	20	16	6,0	PZ1	PPF II CZF 3,0x20 BC 200	670030	200	4048962368888
	20	16	6,0	PZ1	PPF II CZF 3,0x20 BC 300	670031	300	4048962368895
	20	16	6,0	PZ1	PPF II CZF 3,0x20 BC 1000	670029	1000	4048962368871
	25	21	6,0	PZ1	PPF II CZF 3,0x25 BC 100	670032	100	4048962368901
	25	21	6,0	PZ1	PPF II CZF 3,0x25 BC 200	670034	200	4048962368925
	25	21	6,0	PZ1	PPF II CZF 3,0x25 BC 300	670035	300	4048962368932
	25	21	6,0	PZ1	PPF II CZF 3,0x25 BC 1000	670033	1000	4048962368918
	30	26	6,0	PZ1	PPF II CZF 3,0x30 BC 100	670036	100	4048962368949
	30	26	6,0	PZ1	PPF II CZF 3,0x30 BC 200	670038	200	4048962368963
	30	26	6,0	PZ1	PPF II CZF 3,0x30 BC 300	670039	300	4048962368970
	30	26	6,0	PZ1	PPF II CZF 3,0x30 BC 1000	670037	1000	4048962368956
	35	31	6,0	PZ1	PPF II CZF 3,0x35 BC 100	670040	100	4048962368987
	35	31	6,0	PZ1	PPF II CZF 3,0x35 BC 200	670042	200	4048962369007
35	31	6,0	PZ1	PPF II CZF 3,0x35 BC 300	670043	300	4048962369014	
35	31	6,0	PZ1	PPF II CZF 3,0x35 BC 1000	670041	1000	4048962368994	
3,5	12	8	7,0	PZ2	PPF II CZF 3,5x12 BC 200	670085	200	4048962369434
	12	8	7,0	PZ2	PPF II CZF 3,5x12 BC 1000	670138	1000	4048962369960
	16	12	7,0	PZ2	PPF II CZF 3,5x16 BC 200	670086	200	4048962369441
	16	12	7,0	PZ2	PPF II CZF 3,5x16 BC 300	670110	300	4048962369687
	16	12	7,0	PZ2	PPF II CZF 3,5x16 BC 1000	670139	1000	4048962369977
	18	14	7,0	PZ2	PPF II CZF 3,5x18 BC 200	670623	200	4048962374810
	18	14	7,0	PZ2	PPF II CZF 3,5x18 BC 500	670127	500	4048962369854
	20	16	7,0	PZ2	PPF II CZF 3,5x20 BC 200	670087	200	4048962369458
	20	16	7,0	PZ2	PPF II CZF 3,5x20 BC 300	670111	300	4048962369694
	20	16	7,0	PZ2	PPF II CZF 3,5x20 BC 1000	670140	1000	4048962369984
	25	21	7,0	PZ2	PPF II CZF 3,5x25 BC 100	670065	100	4048962369236
	25	21	7,0	PZ2	PPF II CZF 3,5x25 BC 200	670088	200	4048962369465
	25	21	7,0	PZ2	PPF II CZF 3,5x25 BC 300	670112	300	4048962369700
	25	21	7,0	PZ2	PPF II CZF 3,5x25 BC 1000	670141	1000	4048962369991
	30	26	7,0	PZ2	PPF II CZF 3,5x30 BC 100	670066	100	4048962369243
	30	26	7,0	PZ2	PPF II CZF 3,5x30 BC 200	670089	200	4048962369472
	30	26	7,0	PZ2	PPF II CZF 3,5x30 BC 300	670113	300	4048962369717
	30	26	7,0	PZ2	PPF II CZF 3,5x30 BC 1000	670142	1000	4048962370003
	35	31	7,0	PZ2	PPF II CZF 3,5x35 BC 100	670067	100	4048962369250
	35	31	7,0	PZ2	PPF II CZF 3,5x35 BC 200	670090	200	4048962369489
	35	31	7,0	PZ2	PPF II CZF 3,5x35 BC 300	670114	300	4048962369724
	35	31	7,0	PZ2	PPF II CZF 3,5x35 BC 1000	670143	1000	4048962370010

Technical data



FPF II CZF BC



Material: Steel
Coating: Blue zinc plated
Drive: Cross drive PZ
Thread: Full thread
Screw head: Countersunk



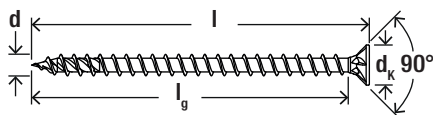
Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,5	40	36	7,0	PZ2	FPF II CZF 3,5x40 BC 100	670068	100	4048962369267
	40	36	7,0	PZ2	FPF II CZF 3,5x40 BC 200	670091	200	4048962369496
	40	36	7,0	PZ2	FPF II CZF 3,5x40 BC 300	670115	300	4048962369731
	40	36	7,0	PZ2	FPF II CZF 3,5x40 BC 1000	670144	1000	4048962370027
4,0	12	7	8,0	PZ2	FPF II CZF 4,0x12 BC 200	670629	200	4048962374872
	12	7	8,0	PZ2	FPF II CZF 4,0x12 BC 300	670181	300	4048962370393
	16	11	8,0	PZ2	FPF II CZF 4,0x16 BC 200	670183	200	4048962370416
	16	11	8,0	PZ2	FPF II CZF 4,0x16 BC 300	670184	300	4048962370423
	16	11	8,0	PZ2	FPF II CZF 4,0x16 BC 1000	670182	1000	4048962370409
	20	15	8,0	PZ2	FPF II CZF 4,0x20 BC 100	670185	100	4048962370430
	20	15	8,0	PZ2	FPF II CZF 4,0x20 BC 200	670187	200	4048962370454
	20	15	8,0	PZ2	FPF II CZF 4,0x20 BC 300	670188	300	4048962370461
	20	15	8,0	PZ2	FPF II CZF 4,0x20 BC 1000	670186	1000	4048962370447
	25	20	8,0	PZ2	FPF II CZF 4,0x25 BC 100	670189	100	4048962370478
	25	20	8,0	PZ2	FPF II CZF 4,0x25 BC 200	670191	200	4048962370492
	25	20	8,0	PZ2	FPF II CZF 4,0x25 BC 300	670192	300	4048962370508
	25	20	8,0	PZ2	FPF II CZF 4,0x25 BC 1000	670190	1000	4048962370485
	30	25	8,0	PZ2	FPF II CZF 4,0x30 BC 100	670193	100	4048962370515
	30	25	8,0	PZ2	FPF II CZF 4,0x30 BC 200	670195	200	4048962370539
	30	25	8,0	PZ2	FPF II CZF 4,0x30 BC 300	670196	300	4048962370546
	30	25	8,0	PZ2	FPF II CZF 4,0x30 BC 1000	670194	1000	4048962370522
	35	30	8,0	PZ2	FPF II CZF 4,0x35 BC 100	670197	100	4048962370553
	35	30	8,0	PZ2	FPF II CZF 4,0x35 BC 200	670199	200	4048962370577
	35	30	8,0	PZ2	FPF II CZF 4,0x35 BC 300	670200	300	4048962370584
	35	30	8,0	PZ2	FPF II CZF 4,0x35 BC 1000	670198	1000	4048962370560
	40	35	8,0	PZ2	FPF II CZF 4,0x40 BC 100	670201	100	4048962370591
	40	35	8,0	PZ2	FPF II CZF 4,0x40 BC 200	670203	200	4048962370614
	40	35	8,0	PZ2	FPF II CZF 4,0x40 BC 300	670204	300	4048962370621
40	35	8,0	PZ2	FPF II CZF 4,0x40 BC 1000	670202	1000	4048962370607	
45	40	8,0	PZ2	FPF II CZF 4,0x45 BC 200	670205	200	4048962370638	
45	40	8,0	PZ2	FPF II CZF 4,0x45 BC 500	670206	500	4048962370645	
50	45	8,0	PZ2	FPF II CZF 4,0x50 BC 200	670207	200	4048962370652	
50	45	8,0	PZ2	FPF II CZF 4,0x50 BC 500	670208	500	4048962370669	
4,5	16	11	9,0	PZ2	FPF II CZF 4,5x16 BC 100	670281	100	4048962371390
	16	11	9,0	PZ2	FPF II CZF 4,5x16 BC 200	670283	200	4048962371413
	16	11	9,0	PZ2	FPF II CZF 4,5x16 BC 300	670284	300	4048962371420
	16	11	9,0	PZ2	FPF II CZF 4,5x16 BC 1000	670282	1000	4048962371406
	20	15	9,0	PZ2	FPF II CZF 4,5x20 BC 100	670285	100	4048962371437
	20	15	9,0	PZ2	FPF II CZF 4,5x20 BC 200	670287	200	4048962371451
	20	15	9,0	PZ2	FPF II CZF 4,5x20 BC 300	670288	300	4048962371468
	20	15	9,0	PZ2	FPF II CZF 4,5x20 BC 1000	670286	1000	4048962371444
	25	20	9,0	PZ2	FPF II CZF 4,5x25 BC 100	670289	100	4048962371475
	25	20	9,0	PZ2	FPF II CZF 4,5x25 BC 200	670291	200	4048962371499
	25	20	9,0	PZ2	FPF II CZF 4,5x25 BC 300	670292	300	4048962371505

Assortment

Technical data



FPF II CZF BC



Material: Steel

Coating: Blue zinc plated

Drive: Cross drive PZ

Thread: Full thread

Screw head: Countersunk

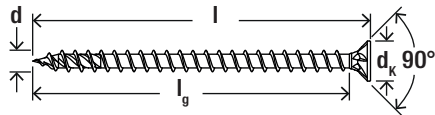


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
4,5	25	20	9,0	PZ2	FPF II CZF 4,5x25 BC 1000	670290	1000	4048962371482
	30	25	9,0	PZ2	FPF II CZF 4,5x30 BC 100	670293	100	4048962371512
	30	25	9,0	PZ2	FPF II CZF 4,5x30 BC 200	670295	200	4048962371536
	30	25	9,0	PZ2	FPF II CZF 4,5x30 BC 300	670296	300	4048962371543
	30	25	9,0	PZ2	FPF II CZF 4,5x30 BC 1000	670294	1000	4048962371529
	35	30	9,0	PZ2	FPF II CZF 4,5x35 BC 100	670297	100	4048962371550
	35	30	9,0	PZ2	FPF II CZF 4,5x35 BC 200	670298	200	4048962371567
	35	30	9,0	PZ2	FPF II CZF 4,5x35 BC 500	670299	500	4048962371574
	40	35	9,0	PZ2	FPF II CZF 4,5x40 BC 200	670300	200	4048962371581
	40	35	9,0	PZ2	FPF II CZF 4,5x40 BC 500	670301	500	4048962371598
	45	40	9,0	PZ2	FPF II CZF 4,5x45 BC 200	670302	200	4048962371604
	45	40	9,0	PZ2	FPF II CZF 4,5x45 BC 500	670303	500	4048962371611
	50	45	9,0	PZ2	FPF II CZF 4,5x50 BC 200	670304	200	4048962371628
	50	45	9,0	PZ2	FPF II CZF 4,5x50 BC 500	670305	500	4048962371635
5,0	20	14	10,0	PZ2	FPF II CZF 5,0x20 BC 50	670387	50	4048962372458
	20	14	10,0	PZ2	FPF II CZF 5,0x20 BC 200	670386	200	4048962372441
	20	14	10,0	PZ2	FPF II CZF 5,0x20 BC 500	670388	500	4048962372465
	25	19	10,0	PZ2	FPF II CZF 5,0x25 BC 50	670390	50	4048962372489
	25	19	10,0	PZ2	FPF II CZF 5,0x25 BC 200	670389	200	4048962372472
	25	19	10,0	PZ2	FPF II CZF 5,0x25 BC 500	670391	500	4048962372496
	30	24	10,0	PZ2	FPF II CZF 5,0x30 BC 50	670393	50	4048962372519
	30	24	10,0	PZ2	FPF II CZF 5,0x30 BC 200	670392	200	4048962372502
	30	24	10,0	PZ2	FPF II CZF 5,0x30 BC 500	670394	500	4048962372526
	35	29	10,0	PZ2	FPF II CZF 5,0x35 BC 50	670396	50	4048962372540
	35	24	10,0	PZ2	FPF II CZF 5,0x35 BC 200	670395	200	4048962372533
	35	29	10,0	PZ2	FPF II CZF 5,0x35 BC 500	670397	500	4048962372557
	40	34	10,0	PZ2	FPF II CZF 5,0x40 BC 50	670399	50	4048962372571
	40	34	10,0	PZ2	FPF II CZF 5,0x40 BC 200	670398	200	4048962372564
	40	34	10,0	PZ2	FPF II CZF 5,0x40 BC 500	670400	500	4048962372588
	45	39	10,0	PZ2	FPF II CZF 5,0x45 BC 200	670401	200	4048962372595
	45	39	10,0	PZ2	FPF II CZF 5,0x45 BC 500	670402	500	4048962372601
	50	44	10,0	PZ2	FPF II CZF 5,0x50 BC 200	670403	200	4048962372618
	60	54	10,0	PZ2	FPF II CZF 5,0x60 BC 100	670404	100	4048962372625
	60	54	10,0	PZ2	FPF II CZF 5,0x60 BC 200	670405	200	4048962372632
60	54	10,0	PZ2	FPF II CZF 5,0x60 BC 500	670406	500	4048962372649	
6,0	30	23	12,0	PZ3	FPF II CZF 6,0x30 BC 50	670489	50	4048962373479
	30	23	12,0	PZ3	FPF II CZF 6,0x30 BC 200	670488	200	4048962373462
	30	23	12,0	PZ3	FPF II CZF 6,0x30 BC 500	670490	500	4048962373486
	35	28	12,0	PZ3	FPF II CZF 6,0x35 BC 50	670492	50	4048962373509
	35	28	12,0	PZ3	FPF II CZF 6,0x35 BC 200	670491	200	4048962373493
	35	28	12,0	PZ3	FPF II CZF 6,0x35 BC 500	670493	500	4048962373516
	40	33	12,0	PZ3	FPF II CZF 6,0x40 BC 200	670494	200	4048962373523
	40	33	12,0	PZ3	FPF II CZF 6,0x40 BC 500	670495	500	4048962373530
	50	43	12,0	PZ3	FPF II CZF 6,0x50 BC 100	670496	100	4048962373547

Technical data



FPF II CZF BC



Material: Steel
Coating: Blue zinc plated
Drive: Cross drive PZ
Thread: Full thread
Screw head: Countersunk

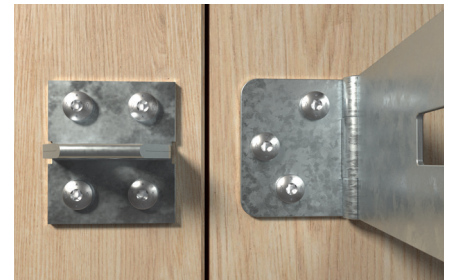
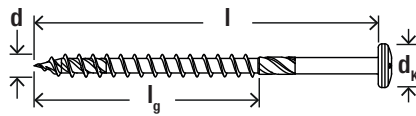


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
6,0	50	43	12,0	PZ3	FPF II CZF 6,0x50 BC 400	670497	400	4048962373554
	60	53	12,0	PZ3	FPF II CZF 6,0x60 BC 100	670498	100	4048962373561
	60	53	12,0	PZ3	FPF II CZF 6,0x60 BC 200	670499	200	4048962373578

Technical data



FPF II PTP BC



Material: Steel
Coating: Blue zinc plated
Drive: TX-Star recess
Thread: Partial thread
Screw head: Pan head



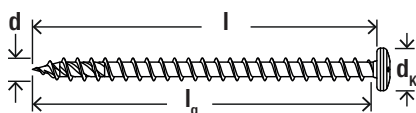
Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
6,0	80	45	12,0	TX30	FPF II PTP 6,0x80 BC 50	670534	50	4048962373929
	100	60	12,0	TX30	FPF II PTP 6,0x100 BC 25	670533	25	4048962373912

Assortment

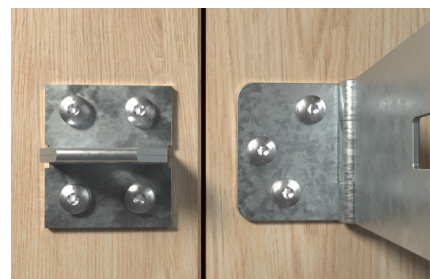
Technical data



FPF II PTF BC



Material: Steel
 Coating: Blue zinc plated
 Drive: TX-Star recess
 Thread: Full thread
 Screw head: Pan head

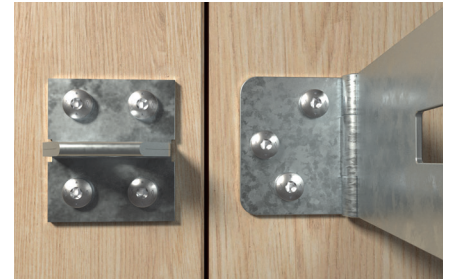
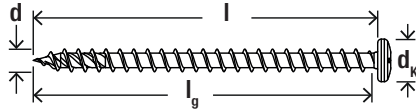


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	12	8	6,0	TX10	FPF II PTF 3,0x12 BC 200	670056	200	4048962369144
	16	12	6,0	TX10	FPF II PTF 3,0x16 BC 200	670057	200	4048962369151
	20	16	6,0	TX10	FPF II PTF 3,0x20 BC 200	670058	200	4048962369168
	25	21	6,0	TX10	FPF II PTF 3,0x25 BC 200	670059	200	4048962369175
	30	26	6,0	TX10	FPF II PTF 3,0x30 BC 200	670060	200	4048962369182
3,5	12	8	7,0	TX20	FPF II PTF 3,5x12 BC 200	670097	200	4048962369557
	15	11	7,0	TX20	FPF II PTF 3,5x15 BC 200	670098	200	4048962369564
	16	12	7,0	TX20	FPF II PTF 3,5x16 BC 200	670099	200	4048962369571
	20	16	7,0	TX20	FPF II PTF 3,5x20 BC 200	670100	200	4048962369588
	25	21	7,0	TX20	FPF II PTF 3,5x25 BC 200	670101	200	4048962369595
	30	26	7,0	TX20	FPF II PTF 3,5x30 BC 200	670102	200	4048962369601
	35	31	7,0	TX20	FPF II PTF 3,5x35 BC 200	670103	200	4048962369618
4,0	15	10	8,0	TX20	FPF II PTF 4,0x15 BC 200	670233	200	4048962370911
	16	11	8,0	TX20	FPF II PTF 4,0x16 BC 200	670234	200	4048962370928
	20	15	8,0	TX20	FPF II PTF 4,0x20 BC 200	670235	200	4048962370935
	25	20	8,0	TX20	FPF II PTF 4,0x25 BC 200	670236	200	4048962370942
	30	25	8,0	TX20	FPF II PTF 4,0x30 BC 200	670237	200	4048962370959
	35	30	8,0	TX20	FPF II PTF 4,0x35 BC 200	670238	200	4048962370966
	40	35	8,0	TX20	FPF II PTF 4,0x40 BC 200	670239	200	4048962370973
	50	45	8,0	TX20	FPF II PTF 4,0x50 BC 200	670240	200	4048962370980
4,5	16	11	9,0	TX20	FPF II PTF 4,5x16 BC 200	670327	200	4048962371857
	20	15	9,0	TX20	FPF II PTF 4,5x20 BC 200	670328	200	4048962371864
	25	20	9,0	TX20	FPF II PTF 4,5x25 BC 200	670329	200	4048962371871
	30	25	9,0	TX20	FPF II PTF 4,5x30 BC 200	670330	200	4048962371888
	35	30	9,0	TX20	FPF II PTF 4,5x35 BC 200	670331	200	4048962371895
	40	35	9,0	TX20	FPF II PTF 4,5x40 BC 200	670332	200	4048962371901
	50	45	9,0	TX20	FPF II PTF 4,5x50 BC 200	670636	200	4048962374940
	50	45	9,0	TX20	FPF II PTF 4,5x50 BC 300	670333	300	4048962371918
5,0	16	10	10,0	TX20	FPF II PTF 5,0x16 BC 200	670434	200	4048962372922
	20	14	10,0	TX20	FPF II PTF 5,0x20 BC 200	670435	200	4048962372939
	25	19	10,0	TX20	FPF II PTF 5,0x25 BC 200	670436	200	4048962372946
	30	24	10,0	TX20	FPF II PTF 5,0x30 BC 200	670437	200	4048962372953
	40	34	10,0	TX20	FPF II PTF 5,0x40 BC 100	670438	100	4048962372960
	50	44	10,0	TX20	FPF II PTF 5,0x50 BC 100	670439	100	4048962372977
	60	54	10,0	TX20	FPF II PTF 5,0x60 BC 100	670440	100	4048962372984
	70	64	10,0	TX20	FPF II PTF 5,0x70 BC 50	670441	50	4048962372991
	70	64	10,0	TX20	FPF II PTF 5,0x70 BC 100	670646	100	4048962375046
6,0	40	33	12,0	TX30	FPF II PTF 6,0x40 BC 100	670530	100	4048962373882
	50	43	12,0	TX30	FPF II PTF 6,0x50 BC 50	670531	50	4048962373899
	60	53	12,0	TX30	FPF II PTF 6,0x60 BC 50	670532	50	4048962373905

Technical data



FPF II PZF BC



Material: Steel
Coating: Blue zinc plated
Drive: Cross drive PZ
Thread: Full thread
Screw head: Pan head



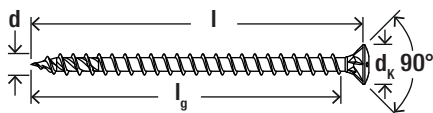
Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	12	8	6,0	PZ1	FPF II PZF 3,0x12 BC 200	670061	200	4048962369199
	16	12	6,0	PZ1	FPF II PZF 3,0x16 BC 200	670062	200	4048962369205
	25	21	6,0	PZ1	FPF II PZF 3,0x25 BC 200	670063	200	4048962369212
	30	26	6,0	PZ1	FPF II PZF 3,0x30 BC 200	670064	200	4048962369229
3,5	16	12	7,0	PZ2	FPF II PZF 3,5x16 BC 200	670104	200	4048962369625
	20	16	7,0	PZ2	FPF II PZF 3,5x20 BC 200	670105	200	4048962369632
4,0	16	11	8,0	PZ2	FPF II PZF 4,0x16 BC 200	670241	200	4048962370997
	20	15	8,0	PZ2	FPF II PZF 4,0x20 BC 200	670242	200	4048962371000
	25	20	8,0	PZ2	FPF II PZF 4,0x25 BC 200	670243	200	4048962371017
	30	25	8,0	PZ2	FPF II PZF 4,0x30 BC 200	670244	200	4048962371024
	35	30	8,0	PZ2	FPF II PZF 4,0x35 BC 200	670245	200	4048962371031
	40	35	8,0	PZ2	FPF II PZF 4,0x40 BC 200	670246	200	4048962371048
	45	40	8,0	PZ2	FPF II PZF 4,0x45 BC 200	670247	200	4048962371055
4,5	16	11	9,0	PZ2	FPF II PZF 4,5x16 BC 200	670334	200	4048962371925
	20	15	9,0	PZ2	FPF II PZF 4,5x20 BC 200	670335	200	4048962371932
	25	20	9,0	PZ2	FPF II PZF 4,5x25 BC 200	670336	200	4048962371949
	30	25	9,0	PZ2	FPF II PZF 4,5x30 BC 200	670337	200	4048962371956
	35	30	9,0	PZ2	FPF II PZF 4,5x35 BC 200	670338	200	4048962371963
	40	35	9,0	PZ2	FPF II PZF 4,5x40 BC 200	670339	200	4048962371970
	50	45	9,0	PZ2	FPF II PZF 4,5x50 BC 200	670340	200	4048962371987
5,0	16	10	10,0	PZ2	FPF II PZF 5,0x16 BC 200	670442	200	4048962373004
	20	14	10,0	PZ2	FPF II PZF 5,0x20 BC 200	670443	200	4048962373011
	25	19	10,0	PZ2	FPF II PZF 5,0x25 BC 200	670444	200	4048962373028
	30	24	10,0	PZ2	FPF II PZF 5,0x30 BC 200	670445	200	4048962373035
	40	34	10,0	PZ2	FPF II PZF 5,0x40 BC 100	670446	100	4048962373042
	50	44	10,0	PZ2	FPF II PZF 5,0x50 BC 100	670447	100	4048962373059
	60	54	10,0	PZ2	FPF II PZF 5,0x60 BC 100	670448	100	4048962373066
6,0	70	64	10,0	PZ2	FPF II PZF 5,0x70 BC 100	670449	100	4048962373073
	40	33	12,0	PZ3	FPF II PZF 6,0x40 BC 100	670535	100	4048962373936
	50	43	12,0	PZ3	FPF II PZF 6,0x50 BC 100	670536	100	4048962373943
	60	53	12,0	PZ3	FPF II PZF 6,0x60 BC 100	670537	100	4048962373950
	70	63	12,0	PZ3	FPF II PZF 6,0x70 BC 50	670538	50	4048962373967

Assortment

Technical data



FPF II RZF BC



Material: Steel

Coating: Blue zinc plated

Drive: Cross drive PZ

Thread: Full thread

Screw head: Raised countersunk head

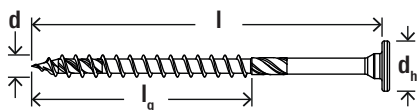


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,5	16	12	7,0	PZ2	FPF II RZF 3,5x16 BC 500	670129	500	4048962369878
4,0	30	25	8,0	PZ2	FPF II RZF 4,0x30 BC 500	670249	500	4048962371079
	35	30	8,0	PZ2	FPF II RZF 4,0x35 BC 500	670250	500	4048962371086
	40	35	8,0	PZ2	FPF II RZF 4,0x40 BC 500	670251	500	4048962371093
	45	40	8,0	PZ2	FPF II RZF 4,0x45 BC 500	670252	500	4048962371109

Technical data



FPF II STP BC



Material: Steel

Coating: Blue zinc plated

Drive: TX-Star recess

Thread: Partial thread

Screw head: Step countersunk head

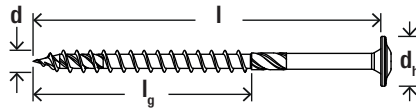


Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
5,0	50	30	11,0	TX25	FPF II ST25P 5,0x50 BC 200	561777	200	4048962437201
	60	36	11,0	TX25	FPF II ST25P 5,0x60 BC 200	561778	200	4048962437218
	80	45	11,0	TX25	FPF II ST25P 5,0x80 BC 200	561779	200	4048962437225
	100	60	11,0	TX25	FPF II ST25P 5,0x100 BC 100	561780	100	4048962437232
	120	70	11,0	TX25	FPF II ST25P 5,0x120 BC 100	561781	100	4048962437249
6,0	60	36	13,5	TX30	FPF II STP 6,0x60 BC 100	561782	100	4048962437256
	80	45	13,5	TX30	FPF II STP 6,0x80 BC 100	561783	100	4048962437263
	100	60	13,5	TX30	FPF II STP 6,0x100 BC 100	561784	100	4048962437270
	120	70	13,5	TX30	FPF II STP 6,0x120 BC 100	561785	100	4048962437287
	140	70	13,5	TX30	FPF II STP 6,0x140 BC 100	561786	100	4048962437294
	160	70	13,5	TX30	FPF II STP 6,0x160 BC 100	561787	100	4048962437300
	180	70	13,5	TX30	FPF II STP 6,0x180 BC 100	561788	100	4048962437317

Technical data



FPF II WTP BC



Material: Steel
Coating: Blue zinc plated
Drive: TX-Star recess
Thread: Partial thread
Screw head: Flange head

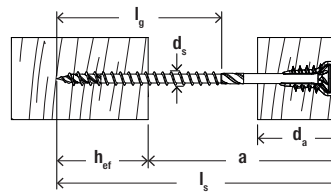


Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d	l	l _g	d _k				[pcs]	
[mm]	[mm]	[mm]	[mm]					
5,0	50	30	11,0	TX25	FPF II WT25P 5,0x50 BC 200	561789	200	4048962437324
	60	36	11,0	TX25	FPF II WT25P 5,0x60 BC 200	561790	200	4048962437331
	80	45	11,0	TX25	FPF II WT25P 5,0x80 BC 200	561791	200	4048962437348
	100	60	11,0	TX25	FPF II WT25P 5,0x100 BC 100	561792	100	4048962437355
	120	70	11,0	TX25	FPF II WT25P 5,0x120 BC 100	561793	100	4048962437362
6,0	60	36	13,5	TX30	FPF II WTP 6,0x60 BC 100	561794	100	4048962437379
	80	45	13,5	TX30	FPF II WTP 6,0x80 BC 100	561795	100	4048962437386
	100	60	13,5	TX30	FPF II WTP 6,0x100 BC 100	561796	100	4048962437393
	120	70	13,5	TX30	FPF II WTP 6,0x120 BC 100	561797	100	4048962437409
	140	70	13,5	TX30	FPF II WTP 6,0x140 BC 100	561798	100	4048962437416
	160	70	13,5	TX30	FPF II WTP 6,0x160 BC 100	561799	100	4048962437423
	180	70	13,5	TX30	FPF II WTP 6,0x180 BC 100	561800	100	4048962437430
	200	70	13,5	TX30	FPF II WTP 6,0x200 BC 100	561801	100	4048962437447
	220	70	13,5	TX30	FPF II WTP 6,0x220 BC 100	561802	100	4048962437454
	240	70	13,5	TX30	FPF II WTP 6,0x240 BC 100	561803	100	4048962437461
	260	70	13,5	TX30	FPF II WTP 6,0x260 BC 100	561804	100	4048962437478
	280	70	13,5	TX30	FPF II WTP 6,0x280 BC 100	561805	100	4048962437485
	300	70	13,5	TX30	FPF II WTP 6,0x300 BC 100	561806	100	4048962437492

Technical data



FAFS



Material: Steel
Coating: Blue zinc plated
Drive: TX-Star recess
Thread: Double thread
Screw head: Countersunk head



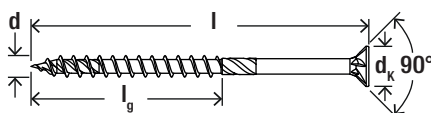
Diameter	Length	Partial thread length	Min. anchorage depth	Min. timber thickness	Max. distance	Drive	Item	Art.-No.	Sales unit	EAN Code
d	l	l _g							[pcs]	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]					
5,0	80	45	20	20	60	TX25	FAFS 5 x 80 TX25	558879	100	4048962428339
	90	54	20	20	70	TX25	FAFS 5 x 90 TX25	558880	100	4048962428346
	100	60	20	20	80	TX25	FAFS 5 x 100 TX25	558881	100	4048962428353
	120	70	20	20	100	TX25	FAFS 5 x 120 TX25	558882	100	4048962428360

Assortment

Technical data



FPF II CTP A2



Material: Stainless steel

Coating: A2

Drive: TX star recess

Thread: Partial thread

Screw head: Countersunk head

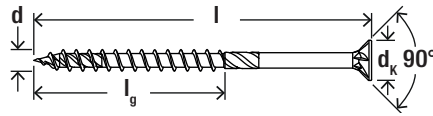


Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d	l	l _g	d _k				[pcs]	
[mm]	[mm]	[mm]	[mm]					
3,5	35	24	7,0	TX20	FPF II CTP 3,5x35 A2 200	574070	200	4048962532784
	40	28	7,0	TX20	FPF II CTP 3,5x40 A2 200	574071	200	4048962532791
4,0	40	28	8,0	TX20	FPF II CTP 4,0x40 A2 200	574072	200	4048962532807
	45	30	8,0	TX20	FPF II CTP 4,0x45 A2 200	574073	200	4048962532814
	50	30	8,0	TX20	FPF II CTP 4,0x50 A2 200	574074	200	4048962532821
	60	36	8,0	TX20	FPF II CTP 4,0x60 A2 100	574075	100	4048962532838
4,5	35	24	8,8	TX20	FPF II CTP 4,5x35 A2 200	574076	200	4048962532845
	40	28	8,8	TX20	FPF II CTP 4,5x40 A2 200	574077	200	4048962532852
	45	30	8,8	TX20	FPF II CTP 4,5x45 A2 200	574078	200	4048962532869
	50	30	8,8	TX20	FPF II CTP 4,5x50 A2 200	574079	200	4048962532876
	60	36	8,8	TX20	FPF II CTP 4,5x60 A2 100	574080	100	4048962532883
	70	42	8,8	TX20	FPF II CTP 4,5x70 A2 100	574081	100	4048962532890
5,0	40	28	9,8	TX20	FPF II CTP 5,0x40 A2 200	574082	200	4048962532906
	45	30	9,8	TX20	FPF II CTP 5,0x45 A2 200	574083	200	4048962532913
	50	30	9,8	TX20	FPF II CTP 5,0x50 A2 200	574145	200	4048962533538
	60	36	9,8	TX20	FPF II CTP 5,0x60 A2 100	574048	100	4048962532562
	70	42	9,8	TX20	FPF II CTP 5,0x70 A2 100	574049	100	4048962532579
	80	45	9,8	TX20	FPF II CTP 5,0x80 A2 100	574050	100	4048962532586
	100	60	9,8	TX20	FPF II CTP 5,0x100 A2 100	574046	100	4048962532548
	120	70	9,8	TX20	FPF II CTP 5,0x120 A2 100	574047	100	4048962532555
6,0	40	28	11,8	TX30	FPF II CTP 6,0x40 A2 200	574090	200	4048962532982
	50	30	11,8	TX30	FPF II CTP 6,0x50 A2 100	574091	100	4048962532999
	60	36	11,8	TX30	FPF II CTP 6,0x60 A2 100	577084	100	4048962556513
	80	45	11,8	TX30	FPF II CTP 6,0x80 A2 100	574092	100	4048962533002
	90	54	11,8	TX30	FPF II CTP 6,0x90 A2 100	574093	100	4048962533019
	100	60	11,8	TX30	FPF II CTP 6,0x100 A2 100	574084	100	4048962532920
	120	70	11,8	TX30	FPF II CTP 6,0x120 A2 100	574085	100	4048962532937
	140	70	11,8	TX30	FPF II CTP 6,0x140 A2 100	574086	100	4048962532944
	160	70	11,8	TX30	FPF II CTP 6,0x160 A2 100	574087	100	4048962532951
	180	70	11,8	TX30	FPF II CTP 6,0x180 A2 100	574088	100	4048962532968
	200	70	11,8	TX30	FPF II CTP 6,0x200 A2 100	574089	100	4048962532975

Technical data



FPF II CTP A4



Material: Stainless steel
Coating: A4
Drive: TX star recess
Thread: Partial thread
Screw head: Countersunk head



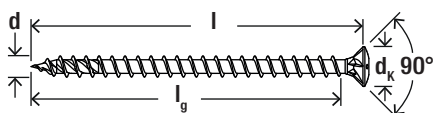
Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
4,0	35	24	8,0	TX20	FPF II CTP 4,0x35 A4 200	574120	200	4048962533286
	40	28	8,0	TX20	FPF II CTP 4,0x40 A4 200	574150	200	4048962533583
	45	30	8,0	TX20	FPF II CTP 4,0x45 A4 200	574121	200	4048962533293
	50	30	8,0	TX20	FPF II CTP 4,0x50 A4 200	574151	200	4048962533590
4,5	40	28	8,8	TX20	FPF II CTP 4,5x40 A4 200	574122	200	4048962533309
	45	30	8,8	TX20	FPF II CTP 4,5x45 A4 200	574123	200	4048962533316
	50	30	8,8	TX20	FPF II CTP 4,5x50 A4 200	574124	200	4048962533323
	60	36	8,8	TX20	FPF II CTP 4,5x60 A4 100	574125	100	4048962533330
	70	42	8,8	TX20	FPF II CTP 4,5x70 A4 100	574126	100	4048962533347
	80	45	8,8	TX20	FPF II CTP 4,5x80 A4 100	574127	100	4048962533354
5,0	40	28	9,8	TX20	FPF II CTP 5,0x40 A4 200	574128	200	4048962533361
	50	30	9,8	TX20	FPF II CTP 5,0x50 A4 200	574108	200	4048962533163
	60	36	9,8	TX20	FPF II CTP 5,0x60 A4 100	574155	100	4048962533637
	70	42	9,8	TX20	FPF II CTP 5,0x70 A4 100	574156	100	4048962533644
	80	45	9,8	TX20	FPF II CTP 5,0x80 A4 100	574157	100	4048962533651
	90	54	9,8	TX20	FPF II CTP 5,0x90 A4 100	574109	100	4048962533170
	100	60	9,8	TX20	FPF II CTP 5,0x100 A4 100	574152	100	4048962533606
6,0	120	70	9,8	TX20	FPF II CTP 5,0x120 A4 100	574107	100	4048962533156
	40	28	11,8	TX30	FPF II CTP 6,0x40 A4 200	574134	200	4048962533422
	50	30	11,8	TX30	FPF II CTP 6,0x50 A4 100	574135	100	4048962533439
	60	36	11,8	TX30	FPF II CTP 6,0x60 A4 100	574136	100	4048962533446
	80	45	11,8	TX30	FPF II CTP 6,0x80 A4 100	574159	100	4048962533675
	90	54	11,8	TX30	FPF II CTP 6,0x90 A4 100	574137	100	4048962533453
	100	60	11,8	TX30	FPF II CTP 6,0x100 A4 100	574158	100	4048962533668
	120	70	11,8	TX30	FPF II CTP 6,0x120 A4 100	574129	100	4048962533378
	140	70	11,8	TX30	FPF II CTP 6,0x140 A4 100	574130	100	4048962533385
	160	70	11,8	TX30	FPF II CTP 6,0x160 A4 100	574131	100	4048962533392
180	70	11,8	TX30	FPF II CTP 6,0x180 A4 100	574132	100	4048962533408	
	200	70	11,8	TX30	FPF II CTP 6,0x200 A4 100	574133	100	4048962533415

Assortment

Technical data



FPF II CTF A2



Material: Stainless steel

Coating: A2

Drive: TX star recess

Thread: Full thread

Screw head: Countersunk head

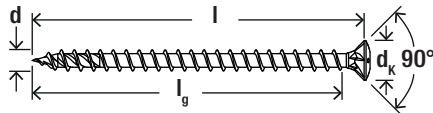


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	12	9,7	6,0	TX10	FPF II CTF 3,0x12 A2 200	574051	200	4048962532593
	16	13,7	6,0	TX10	FPF II CTF 3,0x16 A2 200	574052	200	4048962532609
	20	16	6,0	TX10	FPF II CTF 3,0x20 A2 200	574053	200	4048962532616
	25	21	6,0	TX10	FPF II CTF 3,0x25 A2 200	574054	200	4048962532623
	30	26	6,0	TX10	FPF II CTF 3,0x30 A2 200	574055	200	4048962532630
	35	31	6,0	TX10	FPF II CTF 3,0x35 A2 200	574056	200	4048962532647
3,5	16	13,5	7,0	TX20	FPF II CTF 3,5x16 A2 200	574057	200	4048962532654
	20	16	7,0	TX20	FPF II CTF 3,5x20 A2 200	574058	200	4048962532661
	25	21	7,0	TX20	FPF II CTF 3,5x25 A2 200	574059	200	4048962532678
	30	26	7,0	TX20	FPF II CTF 3,5x30 A2 200	574060	200	4048962532685
	35	31	7,0	TX20	FPF II CTF 3,5x35 A2 200	574061	200	4048962532692
4,0	20	17,2	8,0	TX20	FPF II CTF 4,0x20 A2 200	574062	200	4048962532708
	25	20	8,0	TX20	FPF II CTF 4,0x25 A2 200	574063	200	4048962532715
	30	25	8,0	TX20	FPF II CTF 4,0x30 A2 200	574064	200	4048962532722
	35	30	8,0	TX20	FPF II CTF 4,0x35 A2 200	574065	200	4048962532739
4,5	30	25	8,8	TX20	FPF II CTF 4,5x30 A2 200	574066	200	4048962532746
	35	30	8,8	TX20	FPF II CTF 4,5x35 A2 200	574067	200	4048962532753
5,0	30	24	9,8	TX20	FPF II CTF 5,0x30 A2 200	574068	200	4048962532760
5,0	35	29	9,8	TX20	FPF II CTF 5,0x35 A2 200	574069	200	4048962532777

Technical data



FPF II CTF A4



Material: Stainless steel
Coating: A4
Drive: TX star recess
Thread: Full thread
Screw head: Countersunk head

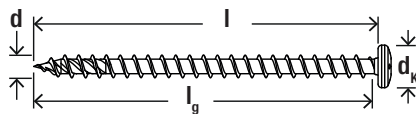


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	16	13,7	6,0	TX10	FPF II CTF 3,0x16 A4 200	574110	200	4048962533187
	20	16	6,0	TX10	FPF II CTF 3,0x20 A4 200	574111	200	4048962533194
	25	21	6,0	TX10	FPF II CTF 3,0x25 A4 200	574112	200	4048962533200
	30	26	6,0	TX10	FPF II CTF 3,0x30 A4 200	574113	200	4048962533217
3,5	20	16	7,0	TX20	FPF II CTF 3,5x20 A4 200	574114	200	4048962533224
	30	26	7,0	TX20	FPF II CTF 3,5x30 A4 200	574115	200	4048962533231
4,0	20	17,2	8,0	TX20	FPF II CTF 4,0x20 A4 200	574116	200	4048962533248
	30	25	8,0	TX20	FPF II CTF 4,0x30 A4 200	574148	200	4048962533569
4,5	30	25	8,8	TX20	FPF II CTF 4,5x30 A4 200	574117	200	4048962533255
	35	30	8,8	TX20	FPF II CTF 4,5x35 A4 200	574118	200	4048962533262
5,0	30	24	9,8	TX20	FPF II CTF 5,0x30 A4 200	574119	200	4048962533279

Technical data



FPF II PTF A2



Material: Stainless steel
Coating: A2
Drive: TX star recess
Thread: Full thread
Screw head: Pan head



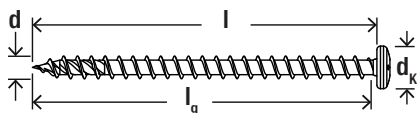
Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	16	13,7	6,0	TX10	FPF II PTF 3,0x16 A2 200	574094	200	4048962533026
	12	9,5	7,0	TX20	FPF II PTF 3,5x12 A2 200	574095	200	4048962533033
	16	13,5	7,0	TX20	FPF II PTF 3,5x16 A2 200	574146	200	4048962533545
	20	16	7,0	TX20	FPF II PTF 3,5x20 A2 200	574096	200	4048962533040
	30	26	7,0	TX20	FPF II PTF 3,5x30 A2 200	574097	200	4048962533057
4,0	16	13,2	8,0	TX20	FPF II PTF 4,0x16 A2 200	574098	200	4048962533064
	30	25	8,0	TX20	FPF II PTF 4,0x30 A2 200	574147	200	4048962533552
	40	35	8,0	TX20	FPF II PTF 4,0x40 A2 100	574149	100	4048962533576
4,5	30	25	9,0	TX20	FPF II PTF 4,5x30 A2 200	574099	200	4048962533071
	35	30	9,0	TX20	FPF II PTF 4,5x35 A2 200	574100	200	4048962533088
	40	35	9,0	TX20	FPF II PTF 4,5x40 A2 200	574101	200	4048962533095
5,0	30	24	10,0	TX20	FPF II PTF 5,0x30 A2 200	574102	200	4048962533101
	40	34	10,0	TX20	FPF II PTF 5,0x40 A2 100	574103	100	4048962533118
	50	44	10,0	TX20	FPF II PTF 5,0x50 A2 50	574153	50	4048962533613
	60	54	10,0	TX20	FPF II PTF 5,0x60 A2 50	574154	50	4048962533620
6,0	40	33	12,0	TX30	FPF II PTF 6,0x40 A2 100	574104	100	4048962533125
	50	43	12,0	TX30	FPF II PTF 6,0x50 A2 50	574105	50	4048962533132
	60	53	12,0	TX30	FPF II PTF 6,0x60 A2 50	574106	50	4048962533149

Assortment

Technical data



FPF II PTF A4



Material: Stainless steel

Coating: A4

Drive: TX star recess

Thread: Full thread

Screw head: Pan head

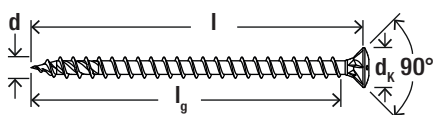


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
3,0	16	13,7	6,0	TX10	FPF II PTF 3,0x16 A4 200	574186	200	4048962533941
	20	16	6,0	TX10	FPF II PTF 3,0x20 A4 200	574187	200	4048962533958
3,5	12	9,5	7,0	TX20	FPF II PTF 3,5x12 A4 200	574168	200	4048962533767
	16	13,5	7,0	TX20	FPF II PTF 3,5x16 A4 200	574169	200	4048962533774
	20	16	7,0	TX20	FPF II PTF 3,5x20 A4 200	574170	200	4048962533781
	30	26	7,0	TX20	FPF II PTF 3,5x30 A4 200	574171	200	4048962533798
4,0	16	13,2	8,0	TX20	FPF II PTF 4,0x16 A4 200	574172	200	4048962533804
	20	17,2	8,0	TX20	FPF II PTF 4,0x20 A4 200	574173	200	4048962533811
	30	25	8,0	TX20	FPF II PTF 4,0x30 A4 200	574174	200	4048962533828
	40	35	8,0	TX20	FPF II PTF 4,0x40 A4 100	574175	100	4048962533835
4,5	30	25	9,0	TX20	FPF II PTF 4,5x30 A4 200	574176	200	4048962533842
	35	30	9,0	TX20	FPF II PTF 4,5x35 A4 100	574177	100	4048962533859
	40	35	9,0	TX20	FPF II PTF 4,5x40 A4 100	574178	100	4048962533866
5,0	30	24	10,0	TX20	FPF II PTF 5,0x30 A4 200	574179	200	4048962533873
	40	34	10,0	TX20	FPF II PTF 5,0x40 A4 100	574180	100	4048962533880
	50	44	10,0	TX20	FPF II PTF 5,0x50 A4 50	574181	50	4048962533897
	60	54	10,0	TX20	FPF II PTF 5,0x60 A4 50	574182	50	4048962533903
6,0	40	33	12,0	TX30	FPF II PTF 6,0x40 A4 50	574183	50	4048962533910
	50	43	12,0	TX30	FPF II PTF 6,0x50 A4 50	574184	50	4048962533927
	60	53	12,0	TX30	FPF II PTF 6,0x60 A4 50	574185	50	4048962533934

Technical data



FPF II RTP A4



Material: Stainless steel

Coating: A4

Drive: TX star recess

Thread: Partial thread

Screw head: Raised countersunk head

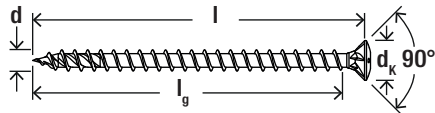


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d [mm]	l [mm]	l _g [mm]	d _k [mm]				[pcs]	
4,0	40	28	8,0	TX20	FPF II RTP 4,0x40 A4 200	574139	200	4048962533477
4,5	50	30	8,8	TX20	FPF II RTP 4,5x50 A4 200	574140	200	4048962533484
	60	36	8,8	TX20	FPF II RTP 4,5x60 A4 100	574141	100	4048962533491
5,0	50	30	9,8	TX20	FPF II RTP 5,0x50 A4 200	574142	200	4048962533507
	60	36	9,8	TX20	FPF II RTP 5,0x60 A4 100	574143	100	4048962533514
	70	42	9,8	TX20	FPF II RTP 5,0x70 A4 100	574144	100	4048962533521

Technical data



FPF II RTF A4



Material: Stainless steel
Coating: A4
Drive: TX star recess
Thread: Full thread
Screw head: Raised countersunk head

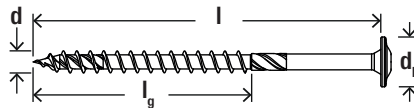


Diameter	Length	Full thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d	l	l _g	d _k				[pcs]	
[mm]	[mm]	[mm]	[mm]					
3,5	15	12,5	7,0	TX20	FPF II RTF 3,5x15 A4 300	574138	300	4048962533460

Technical data



FPF II WTP A2



Material: Stainless steel
Coating: A2
Drive: TX star recess
Thread: Partial thread
Screw head: Flange head



Diameter	Length	Partial thread length	Head-Ø	Drive	Item	Art.-No.	Sales unit	EAN Code
d	l	l _g	d _k				[pcs]	
[mm]	[mm]	[mm]	[mm]					
6,0	60	36	13,5	TX30	FPF II WTP 6,0x60 A2 100	574160	100	4048962533682
6,0	80	45	13,5	TX30	FPF II WTP 6,0x80 A2 100	574161	100	4048962533699
6,0	100	60	13,5	TX30	FPF II WTP 6,0x100 A2 100	574162	100	4048962533705
6,0	120	70	13,5	TX30	FPF II WTP 6,0x120 A2 100	574163	100	4048962533712
6,0	140	70	13,5	TX30	FPF II WTP 6,0x140 A2 100	574164	100	4048962533729
6,0	160	70	13,5	TX30	FPF II WTP 6,0x160 A2 100	574165	100	4048962533736
6,0	180	70	13,5	TX30	FPF II WTP 6,0x180 A2 100	574166	100	4048962533743
6,0	200	70	13,5	TX30	FPF II WTP 6,0x200 A2 100	574167	100	4048962533750

fischer design software

WOOD-Fix.



Safe and convenient design

- The design principles follow European Technical Assessment (ETA) and DIN EN 1995-1-1 (Eurocode EC5), including a free choice of national application document (NAD).
- Simple and quick operation by entering the values in the Toolbox.
- Safe and reliable: The program recognises incorrect entries regarding geometrical conditions.
- Clear and flexible: Choice of representation in 2D or 3D. The graphics can be panned, tilted and zoomed.
- Always up-to-date thanks to automatic or manual "Live Update" function.

The application-based software

- The software contains numerous different and newly added application cases from day-to-day work. This allows you as a user or planner to work efficiently and design projects for realisation with fischer screws. Calculation of applications with fischer PowerFast II screws ($\varnothing 3.0 \times 20 - 10.0 \times 400 \text{ mm}$) and fischer PowerFull II screws ($\varnothing 6.0 \times 100 - 10.0 \times 600 \text{ mm}$).

Examples of above-rafter insulation:

- Pitched roof
- Saddle roof
- Hip roof
- General connection (timber/wood, sheet steel/wood)
- Main/secondary beam connection
- Support transverse pressure reinforcement
- Notching
- Beam doubling
- Beam head renovation
- Breakthrough
- Transverse tension reinforcement
- Tension shear connection
- Transverse shear connection
- **NEW** Facade insulation
- **NEW** Rafter purlin connection

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- Training sessions, some with accreditation, at your premises or at the fischer academy.
- Design and construction software for demanding applications.

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- The software is based on international design standards (EN 1992-4, 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.
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fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1 · 72178 Waldachtal
Germany
P +49 7443 12-0
www.fischer-international.com · info@fischer.de
