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Wood construction screws PowerFast II

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Maximum reliability, simple processing.

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Head shape variants

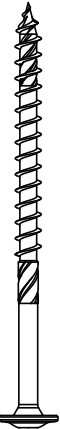
Countersunk head

- For flush-to-surface screw connections with reduced installation height
- Particularly suitable for fittings, metal parts and thin materials
- Clean countersinking without surface damage



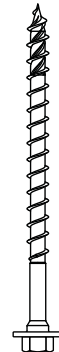
Step countersunk head

- Unlike a flange head, it can be completely sunk into the wood and does not protrude. This allows a second component to lie flush or be screwed on
- Offers significantly increased head pull-through resistance compared to countersunk head screws due to the larger head diameter



Flange head

- With flange head for a larger contraction effect and a considerably higher head pull-through resistance



Hexagonal head

- Classic head shape for strong torque transmission
- Particularly suitable for fastening metal components to wood
- High head pull-through resistance

The wood construction screws for professionals

- Wood screws are used for the force-fit connection between two or more components
According to ETA-19/0175, pre-drilling is not necessary
- This results in enormous time savings
- The unique fischer PowerFast II thread geometry enables shorter screw-in times, lower screw-in torques and a rapid bite

- The wood construction screw is available in countersunk, stepcountersunk, flange head and hex head versions
- For larger head pull-through resistance, the use of a stepcountersunk or flange head is recommended
- Hex head or countersunk head screws are recommended for metal-wood connections



PowerFast FPF II CTP BC

The high-performance wood construction screw with countersunk head, TX drive and part thread.



Applications

- Wood-wood connections
- Steel panel-wood connections
- Rafter-purlin connection
- Substructures
- Fixing of on-rafter insulation

Certificates / Features



Advantages

- The new, patented core miller geometry enables precise milling and good extraction of the wood dust. This allows small edge and center distances and makes various wood constructions possible.
- The screw tip with the three ribs provides fast biting and pre-milling at the same time. Fast setting is ensured, the splitting behavior is noticeably reduced for the user.
- The increased thread pitch significantly reduces the installation time, allowing the user to complete projects more economically.
- The high performance easy-glide coating reduces screw-in torque. For longer battery life and a smooth installation.
- The newly designed shank-miller is optimally matched to the core-miller and reduces the screw-in torque.
- The bottom head geometry with optimized double cone and patented milling pockets ensure fewer ripped surfaces on wood or metal components. As a result, they corrode less. In addition, the milling pockets avoid protrusions on metal components and facilitate the attachment of constructions.

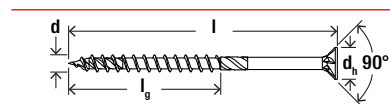
Functioning

- Partially threaded screws can clamp wooden components firmly against each other.
- Screws with countersunk heads can be countersunk flush with the surface of the wood.

Building materials

Approved for:

- Glued-laminated timber
- Cross-laminated timber
- Laminated veneer plywood panels
- Oriented strand boards (e.g. OSB panels)
- Solid structural timber
- Glued timber boards on solid wood
- Soft wood (e.g. Douglas, spruce, pine, fir, etc.)
- Solid wood made of beech or ash
- Glued laminated timber made of beech, ash or oak
- LVL laminated veneer lumber
- Construction beech
- Laminated duo- and trio-beams



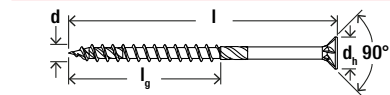
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Wood construction screw PowerFast FPF II CTP 8.0



FPF II CTP BC

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		[pcs]
FPF II CTP 8.0 x 80 BC 50	566309	●	8.0	80	60	14.4	TX40	50
FPF II CTP 8.0 x 100 BC 50	566310	●	8.0	100	60	14.4	TX40	50
FPF II CTP 8.0 x 120 BC 50	566311	●	8.0	120	80	14.4	TX40	50
FPF II CTP 8.0 x 140 BC 50	566312	●	8.0	140	80	14.4	TX40	50
FPF II CTP 8.0 x 160 BC 50	566313	●	8.0	160	80	14.4	TX40	50
FPF II CTP 8.0 x 180 BC 50	566314	●	8.0	180	100	14.4	TX40	50
FPF II CTP 8.0 x 200 BC 50	568155	●	8.0	200	100	14.4	TX40	50
FPF II CTP 8.0 x 220 BC 50	568156	●	8.0	220	100	14.4	TX40	50
FPF II CTP 8.0 x 240 BC 50	568157	●	8.0	240	100	14.4	TX40	50
FPF II CTP 8.0 x 260 BC 50	568158	●	8.0	260	100	14.4	TX40	50
FPF II CTP 8.0 x 280 BC 50	568159	●	8.0	280	100	14.4	TX40	50
FPF II CTP 8.0 x 300 BC 50	568160	●	8.0	300	100	14.4	TX40	50
FPF II CTP 8.0 x 320 BC 50	568161	●	8.0	320	100	14.4	TX40	50
FPF II CTP 8.0 x 340 BC 50	568162	●	8.0	340	100	14.4	TX40	50
FPF II CTP 8.0 x 360 BC 50	568163	●	8.0	360	100	14.4	TX40	50
FPF II CTP 8.0 x 380 BC 50	568164	●	8.0	380	100	14.4	TX40	50
FPF II CTP 8.0 x 400 BC 50	568165	●	8.0	400	100	14.4	TX40	50



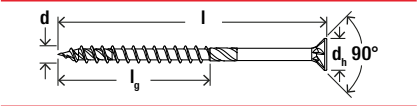
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Wood construction screw PowerFast FPF II CTP 10.0



FPF II CTP BC

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		[pcs]
FPF II CTP 10.0 x 80 BC 50	566315	●	10.0	80	60	18.4	TX40	50
FPF II CTP 10.0 x 100 BC 50	566316	●	10.0	100	60	18.4	TX40	50
FPF II CTP 10.0 x 120 BC 50	566317	●	10.0	120	80	18.4	TX40	50
FPF II CTP 10.0 x 140 BC 50	566318	●	10.0	140	80	18.4	TX40	50
FPF II CTP 10.0 x 160 BC 50	566319	●	10.0	160	80	18.4	TX40	50
FPF II CTP 10.0 x 180 BC 50	566320	●	10.0	180	100	18.4	TX40	50
FPF II CTP 10.0 x 200 BC 50	566321	●	10.0	200	100	18.4	TX40	50
FPF II CTP 10.0 x 220 BC 50	566322	●	10.0	220	100	18.4	TX40	50
FPF II CTP 10.0 x 240 BC 50	566323	●	10.0	240	100	18.4	TX40	50
FPF II CTP 10.0 x 260 BC 50	566324	●	10.0	260	100	18.4	TX40	50
FPF II CTP 10.0 x 280 BC 50	566325	●	10.0	280	115	18.4	TX40	50
FPF II CTP 10.0 x 300 BC 50	566326	●	10.0	300	115	18.4	TX40	50
FPF II CTP 10.0 x 320 BC 50	566327	●	10.0	320	115	18.4	TX40	50
FPF II CTP 10.0 x 340 BC 50	566328	●	10.0	340	115	18.4	TX40	50
FPF II CTP 10.0 x 360 BC 50	566329	●	10.0	360	115	18.4	TX40	50
FPF II CTP 10.0 x 380 BC 50	566330	●	10.0	380	115	18.4	TX40	50



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Wood construction screw PowerFast FPF II CTP 10.0



FPF II CTP BC

	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		[pcs]
Item								
FPF II CTP 10.0 x 400 BC 50	566331	●	10.0	400	115	18.4	TX40	50

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PowerFast FPF II STP BC

The high-performance wood construction screw with a step countersunk head, TX drive and part thread.



Applications

- Wood-wood connections
- Steel panel-wood connections
- Rafter-purlin connection
- Substructures
- Fixing of on-rafter insulation

Certificates / Features



Advantages

- The new, patented core miller geometry enables precise milling and good extraction of the wood dust. This allows small edge and center distances and makes various wood constructions possible.
- The screw tip with the three ribs provides fast biting and pre-milling at the same time. Fast setting is ensured, the splitting behavior is noticeably reduced for the user.
- The increased thread pitch significantly reduces the installation time, allowing the user to complete projects more economically.
- The high performance easy-glide coating reduces screw-in torque. For longer battery life and a smooth installation.
- The newly designed shank-miller is optimally matched to the core-miller and reduces the screw-in torque.
- In contrast to a standard flange head, the step countersunk head can be completely countersunk in the wood and does not protrude. This allows a second component to lie flush or to be screwed on.

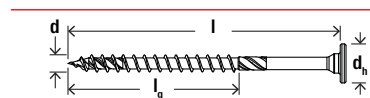
Functioning

- Partially threaded screws can clamp wooden components firmly against each other.
- In contrast to the flange head screw, the step countersunk head may be screwed flush with the surface. This means that the screw head does not protrude.

Building materials

Approved for:

- Glued-laminated timber
- Cross-laminated timber
- Laminated veneer plywood panels
- Oriented strand boards (e.g. OSB panels)
- Solid structural timber
- Glued timber boards on solid wood
- Soft wood (e.g. Douglas, spruce, pine, fir, etc.)
- Solid wood made of beech or ash
- Glued laminated timber made of beech, ash or oak
- LVL laminated veneer lumber
- Construction beech
- Laminated duo- and trio-beams



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Wood construction screw PowerFast II FTF STP 8.0



FPF II STP BC

Item	Item no.	Ap- pro- val ETA	Diameter d [mm]	Length l [mm]	Thread length l _g [mm]	Head-ø d _h [mm]	Drive	Sales unit [pcs]
FPF II STP 8.0 x 80 BC 50	566355	●	8.0	80	60	21.0	TX40	50
FPF II STP 8.0 x 100 BC 50	566356	●	8.0	100	60	21.0	TX40	50
FPF II STP 8.0 x 120 BC 50	566357	●	8.0	120	80	21.0	TX40	50
FPF II STP 8.0 x 140 BC 50	566358	●	8.0	140	80	21.0	TX40	50
FPF II STP 8.0 x 160 BC 50	566359	●	8.0	160	80	21.0	TX40	50
FPF II STP 8.0 x 180 BC 50	566360	●	8.0	180	100	21.0	TX40	50
FPF II STP 8.0 x 200 BC 50	566361	●	8.0	200	100	21.0	TX40	50
FPF II STP 8.0 x 220 BC 50	566362	●	8.0	220	100	21.0	TX40	50
FPF II STP 8.0 x 240 BC 50	566363	●	8.0	240	100	21.0	TX40	50
FPF II STP 8.0 x 260 BC 50	566364	●	8.0	260	100	21.0	TX40	50
FPF II STP 8.0 x 280 BC 50	566365	●	8.0	280	100	21.0	TX40	50
FPF II STP 8.0 x 300 BC 50	566366	●	8.0	300	100	21.0	TX40	50
FPF II STP 8.0 x 320 BC 50	566367	●	8.0	320	100	21.0	TX40	50
FPF II STP 8.0 x 340 BC 50	566368	●	8.0	340	100	21.0	TX40	50
FPF II STP 8.0 x 360 BC 50	566369	●	8.0	360	100	21.0	TX40	50
FPF II STP 8.0 x 380 BC 50	566370	●	8.0	380	100	21.0	TX40	50
FPF II STP 8.0 x 400 BC 50	566371	●	8.0	400	100	21.0	TX40	50

PowerFast FPF II WTP BC

The high-performance wood construction screw with a flange head, TX drive and part thread.



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Applications

- Wood-wood connections
- Steel panel-wood connections
- Rafter-purlin connection
- Substructures
- Fixing of on-rafter insulation

Certificates / Features



Advantages

- The new, patented core miller geometry enables precise milling and good extraction of the wood dust. This allows small edge and center distances and makes various wood constructions possible.
- The screw tip with the three ribs provides fast biting and pre-milling at the same time. Fast setting is ensured, the splitting behavior is noticeably reduced for the user.
- The increased thread pitch significantly reduces the installation time, allowing the user to complete projects more economically.
- The high performance easy-glide coating reduces screw-in torque. For longer battery life and a smooth installation.
- The newly designed shank-miller is optimally matched to the core-miller and reduces the screw-in torque.
- Compared to countersunk head screws, higher pull-out resistances can be realized due to the larger head diameter. This also has a significant positive effect when pulling together components.

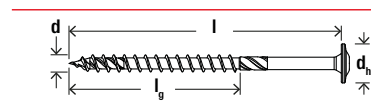
Functioning

- Partially threaded screws can clamp wooden components firmly against each other.
- The flange head screws are particularly powerful due to their high head pull-through values.

Building materials

Approved for:

- Glued-laminated timber
- Cross-laminated timber
- Laminated veneer plywood panels
- Oriented strand boards (e.g. OSB panels)
- Solid structural timber
- Glued timber boards on solid wood
- Soft wood (e.g. Douglas, spruce, pine, fir, etc.)
- Solid wood made of beech or ash
- Glued laminated timber made of beech, ash or oak
- LVL laminated veneer lumber
- Construction beech
- Laminated duo- and trio-beams



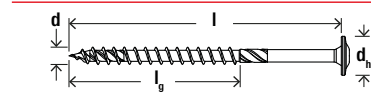
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Wood construction screw PowerFast FPF II WTP 8.0



FPF II WTP BC

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		[pcs]
FPF II WTP 8.0 x 80 BC 50	566332	●	8.0	80	60	21.0	TX40	50
FPF II WTP 8.0 x 100 BC 50	566333	●	8.0	100	60	21.0	TX40	50
FPF II WTP 8.0 x 120 BC 50	566334	●	8.0	120	80	21.0	TX40	50
FPF II WTP 8.0 x 140 BC 50	566335	●	8.0	140	80	21.0	TX40	50
FPF II WTP 8.0 x 160 BC 50	566336	●	8.0	160	80	21.0	TX40	50
FPF II WTP 8.0 x 180 BC 50	566337	●	8.0	180	100	21.0	TX40	50
FPF II WTP 8.0 x 200 BC 50	568166	●	8.0	200	100	21.0	TX40	50
FPF II WTP 8.0 x 220 BC 50	568167	●	8.0	220	100	21.0	TX40	50
FPF II WTP 8.0 x 240 BC 50	568168	●	8.0	240	100	21.0	TX40	50
FPF II WTP 8.0 x 260 BC 50	568169	●	8.0	260	100	21.0	TX40	50
FPF II WTP 8.0 x 280 BC 50	568170	●	8.0	280	100	21.0	TX40	50
FPF II WTP 8.0 x 300 BC 50	568171	●	8.0	300	100	21.0	TX40	50
FPF II WTP 8.0 x 320 BC 50	568172	●	8.0	320	100	21.0	TX40	50
FPF II WTP 8.0 x 340 BC 50	568173	●	8.0	340	100	21.0	TX40	50
FPF II WTP 8.0 x 360 BC 50	568174	●	8.0	360	100	21.0	TX40	50
FPF II WTP 8.0 x 380 BC 50	568175	●	8.0	380	100	21.0	TX40	50
FPF II WTP 8.0 x 400 BC 50	568176	●	8.0	400	100	21.0	TX40	50



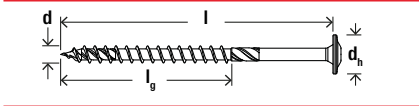
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Wood construction screw PowerFast FPF II WTP 10.0



FPF II WTP BC

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		[pcs]
FPF II WTP 10.0 x 80 BC 50	566338	●	10.0	80	60	25.5	TX40	50
FPF II WTP 10.0 x 100 BC 50	566339	●	10.0	100	60	25.5	TX40	50
FPF II WTP 10.0 x 120 BC 50	566340	●	10.0	120	80	25.5	TX40	50
FPF II WTP 10.0 x 140 BC 50	566341	●	10.0	140	80	25.5	TX40	50
FPF II WTP 10.0 x 160 BC 50	566342	●	10.0	160	80	25.5	TX40	50
FPF II WTP 10.0 x 180 BC 50	566343	●	10.0	180	100	25.5	TX40	50
FPF II WTP 10.0 x 200 BC 50	566344	●	10.0	200	100	25.5	TX40	50
FPF II WTP 10.0 x 220 BC 50	566345	●	10.0	220	100	25.5	TX40	50
FPF II WTP 10.0 x 240 BC 50	566346	●	10.0	240	100	25.5	TX40	50
FPF II WTP 10.0 x 260 BC 50	566347	●	10.0	260	100	25.5	TX40	50
FPF II WTP 10.0 x 280 BC 50	566348	●	10.0	280	115	25.5	TX40	50
FPF II WTP 10.0 x 300 BC 50	566349	●	10.0	300	115	25.5	TX40	50
FPF II WTP 10.0 x 320 BC 50	566350	●	10.0	320	115	25.5	TX40	50
FPF II WTP 10.0 x 340 BC 50	566351	●	10.0	340	115	25.5	TX40	50
FPF II WTP 10.0 x 360 BC 50	566352	●	10.0	360	115	25.5	TX40	50
FPF II WTP 10.0 x 380 BC 50	566353	●	10.0	380	115	25.5	TX40	50



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Wood construction screw PowerFast FPF II WTP 10.0



FPF II WTP BC

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		
FPF II WTP 10.0 x 400 BC 50	566354	●	10.0	400	115	25.5	TX40	50

PowerFast FPF II WTP BZ

The high-performance wood construction screw with a flange head, TX drive and part thread.



Applications

- Wood-wood connections
- Steel panel-wood connections
- Rafter-purlin connection
- Substructures
- Fixing of on-rafter insulation

Certificates / Features



Advantages

- The new, patented core miller geometry enables precise milling and good extraction of the wood dust. This allows small edge and center distances and makes various wood constructions possible.
- The screw tip with the three ribs provides fast biting and pre-milling at the same time. Fast setting is ensured, the splitting behavior is noticeably reduced for the user.
- The increased thread pitch significantly reduces the installation time, allowing the user to complete projects more economically.
- The high performance easy-glide coating reduces screw-in torque. For longer battery life and a smooth installation.
- The newly designed shank-miller is optimally matched to the core-miller and reduces the screw-in torque.
- Compared to countersunk head screws, higher pull-out resistances can be realized due to the larger head diameter. This also has a significant positive effect when pulling together components.
- Features a durable zinc flake coating for high corrosion resistance.

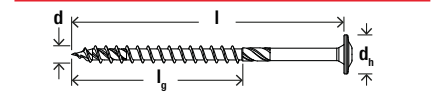
Functioning

- Partially threaded screws can clamp wooden components firmly against each other.
- The flange head screws are particularly powerful due to their high head pull-through values.

Building materials

Approved for:

- Glued-laminated timber
- Cross-laminated timber
- Laminated veneer plywood panels
- Oriented strand boards (e.g. OSB panels)
- Solid structural timber
- Glued timber boards on solid wood
- Soft wood (e.g. Douglas, spruce, pine, fir, etc.)
- Solid wood made of beech or ash
- Glued laminated timber made of beech, ash or oak
- LVL laminated veneer lumber
- Construction beech
- Laminated duo- and trio-beams



ø 8.0

Wood construction screws PowerFast FPF II WTP BZ 8.0

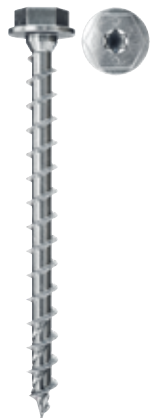


FPF II WTP BZ

Item	Item no.	Ap- pro- val ETA	Diameter d [mm]	Length l [mm]	Thread length l ₀ [mm]	Head-ø d _h [mm]	Drive	Sales unit [pcs]
FPF II WTP 8.0 x 80 BZ 50	572845	●	8.0	80	60	21.0	TX40	50
FPF II WTP 8.0 x 100 BZ 50	572846	●	8.0	100	60	21.0	TX40	50
FPF II WTP 8.0 x 120 BZ 50	572847	●	8.0	120	80	21.0	TX40	50
FPF II WTP 8.0 x 140 BZ 50	572848	●	8.0	140	80	21.0	TX40	50
FPF II WTP 8.0 x 160 BZ 50	572849	●	8.0	160	80	21.0	TX40	50
FPF II WTP 8.0 x 180 BZ 50	572850	●	8.0	180	100	21.0	TX40	50
FPF II WTP 8.0 x 200 BZ 50	572851	●	8.0	200	100	21.0	TX40	50
FPF II WTP 8.0 x 220 BZ 50	572852	●	8.0	220	100	21.0	TX40	50
FPF II WTP 8.0 x 240 BZ 50	572853	●	8.0	240	100	21.0	TX40	50
FPF II WTP 8.0 x 280 BZ 50	572854	●	8.0	280	100	21.0	TX40	50
FPF II WTP 8.0 x 300 BZ 50	572855	●	8.0	300	100	21.0	TX40	50
FPF II WTP 8.0 x 320 BZ 50	572856	●	8.0	320	100	21.0	TX40	50

PowerFast FPF II HWTF BC

The high-performance wood construction screw with a hexagonal head and TX drive.



Applications

- Wood-wood connections
- Steel panel-wood connections
- Substructures
- Fixing metal railings to wooden substructures

Certificates / Features



Advantages

- The new, patented core miller geometry enables precise milling and good extraction of the wood dust. This allows small edge and center distances and makes various wood constructions possible.
- The screw tip with the three ribs provides fast biting and pre-milling at the same time. Fast setting is ensured, the splitting behavior is noticeably reduced for the user.
- The increased thread pitch significantly reduces the installation time, allowing the user to complete projects more economically.
- The high performance easy-glide coating reduces screw-in torque. For longer battery life and a smooth installation.
- The hexagonal head enables a very high load transmission and is therefore suitable, for example, for screwing in hardwood.

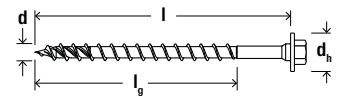
Functioning

- The hexagon head screws with pressed washer are exceptionally powerful due to their high head pull-through values.

Building materials

Approved for:

- Glued- and Cross-laminated timber
- Laminated veneer plywood panels
- Oriented strand boards (e.g. OSB panels)
- Solid structural timber
- Soft wood (e.g. Douglas, spruce, pine, fir, etc.)
- Solid wood made of beech or ash
- LVL laminated veneer lumber
- Construction beech
- Laminated duo- and trio-beams



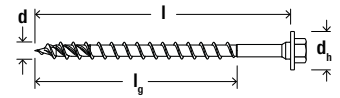
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Wood construction screw PowerFast FPF II HWTF 8.0



FPF II HWTF BC

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		
FPF II HWTF 8.0 x 80 BC 50	566372	●	8.0	80	75	18.0	TX40 / SW 13	50
FPF II HWTF 8.0 x 100 BC 50	566373	●	8.0	100	75	18.0	TX40 / SW 13	50
FPF II HWTF 8.0 x 120 BC 50	566374	●	8.0	120	100	18.0	TX40 / SW 13	50
FPF II HWTF 8.0 x 140 BC 50	566375	●	8.0	140	100	18.0	TX40 / SW 13	50



ø 10.0

Wood construction screw PowerFast FPF II HWTF 10.0

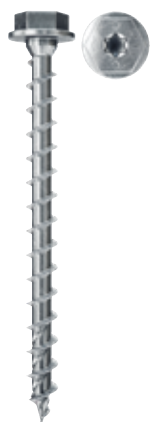


FPF II HWTF BC

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		
FPF II HWTF 10.0 x 80 BC 50	566376	●	10.0	80	75	21.3	TX40 / SW 15	50
FPF II HWTF 10.0 x 100 BC 50	566377	●	10.0	100	75	21.3	TX40 / SW 15	50
FPF II HWTF 10.0 x 120 BC 50	566378	●	10.0	120	115	21.3	TX40 / SW 15	50
FPF II HWTF 10.0 x 140 BC 50	566379	●	10.0	140	115	21.3	TX40 / SW 15	50

PowerFast FPF II HWTF BZ

The high-performance wood construction screw with a hexagonal head and TX drive.



4

Applications

- Wood-wood connections
- Steel panel-wood connections
- Substructures
- Fixing metal railings to wooden substructures

Certificates / Features



Advantages

- The new, patented core miller geometry enables precise milling and good extraction of the wood dust. This allows small edge and center distances and makes various wood constructions possible.
- The screw tip with the three ribs provides fast biting and pre-milling at the same time. Fast setting is ensured, the splitting behavior is noticeably reduced for the user.
- The increased thread pitch significantly reduces the installation time, allowing the user to complete projects more economically.
- The high performance easy-glide coating reduces screw-in torque. For longer battery life and a smooth installation.
- The hexagonal head enables a very high load transmission and is therefore suitable, for example, for screwing in hardwood.
- Features a durable zinc flake coating for high corrosion resistance.

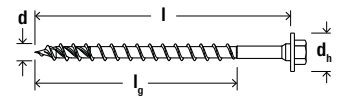
Functioning

- The hexagon head screws with pressed washer are exceptionally powerful due to their high head pull-through values.

Building materials

Approved for:

- Glued-laminated timber
- Cross-laminated timber
- Laminated veneer plywood panels
- Oriented strand boards (e.g. OSB panels)
- Solid structural timber
- Glued timber boards on solid wood
- Soft wood (e.g. Douglas, spruce, pine, fir, etc.)
- Solid wood made of beech or ash
- Glued laminated timber made of beech, ash or oak
- LVL laminated veneer lumber
- Construction beech
- Laminated duo- and trio-beams



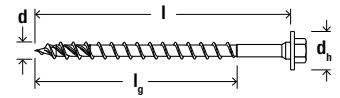
ø 8.0

Wood construction screws PowerFast FPF II HWTF BZ 8.0



FPF II HWTF BZ

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		
FPF II HWTF 8.0 x 80 BZ 50	566383	●	8.0	80	75	18.0	TX40 / SW 13	50
FPF II HWTF 8.0 x 100 BZ 50	566384	●	8.0	100	75	18.0	TX40 / SW 13	50
FPF II HWTF 8.0 x 120 BZ 50	566385	●	8.0	120	100	18.0	TX40 / SW 13	50
FPF II HWTF 8.0 x 140 BZ 50	566386	●	8.0	140	100	18.0	TX40 / SW 13	50



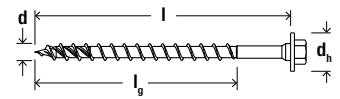
ø 10.0

Wood construction screws PowerFast FPF II HWTF BZ 10.0



FPF II HWTF BZ

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		
FPF II HWTF 10.0 x 80 BZ 50	566387	●	10.0	80	75	21.3	TX40 / SW 15	50
FPF II HWTF 10.0 x 100 BZ 50	566388	●	10.0	100	75	21.3	TX40 / SW 15	50
FPF II HWTF 10.0 x 120 BZ 50	566389	●	10.0	120	115	21.3	TX40 / SW 15	50
FPF II HWTF 10.0 x 140 BZ 50	566390	●	10.0	140	115	21.3	TX40 / SW 15	50



ø 12.0

Wood construction screws PowerFast FPF II HWTF BZ 12.0



FPF II HWTF BZ

Item	Item no.	Ap- pro- val ETA	Diameter	Length	Thread length	Head-ø	Drive	Sales unit
			d [mm]	l [mm]	l _g [mm]	d _h [mm]		
FPF II HWTF 12.0 x 100 BZ 25	566391	●	12.0	100	80	23.4	TX50 / SW 17	25
FPF II HWTF 12.0 x 120 BZ 25	566392	●	12.0	120	100	23.4	TX50 / SW 17	25
FPF II HWTF 12.0 x 140 BZ 25	566393	●	12.0	140	120	23.4	TX50 / SW 17	25

Washers for construction screws

Washers - the ideal complement for wood construction screws with countersunk head.

4



Applications

- Safety-relevant applications
- Metal fittings, wood connectors
- Wood frame construction
- Post construction
- Timber houses
- Car ports
- Conservatories
- Playground equipment

Certificates / Features



Advantages

- The wide contact surface ensures high force transmission and pull-through resistance.

Functioning

- The use of washers in conjunction with the PowerFast II wood construction screws with countersunk head enables a significant increase in the pull-through resistance.

Building materials

- Glued-laminated timber
- Cross-laminated timber
- Laminated veneer plywood panels
- Oriented strand boards (e.g. OSB panels)
- Solid structural timber
- Glued timber boards on solid wood
- Soft wood (e.g. Douglas, spruce, pine, fir, etc.)
- And other wood materials