HTP partial thread

Value engineered for ultimate efficiency

Designers and installers alike can appreciate the wide range of timber connection possibilities within the HTP range. Generally used in laterally loaded connections, HTP partially threaded screws undergo a proprietary heat treatment process that results in superior bending yield strength, while maintaining incredible ductility. Generally a 90 degree bend is achieved without fracture of an HTP screw.

The revolutionary point and shank geometry of HTP partially threaded screws makes installation quick and effortless. A drilling tip with specially crafted milling ribs enables installation at reduced spacing without cracking of the timber members, even without pre-drilling. Shank ribs on these screws slightly enlarge the hole after the threaded part of the timber connection, minimizing the torque to install by reducing the friction effect of the shank and ensuring an efficient installation process. With a wide range of application flexibility, effortless installation without pre-drilling, superior bending yield strength and unbelievable ductility; HTP partially threaded screws epitomize value engineering, while ensuring the most secure connections.

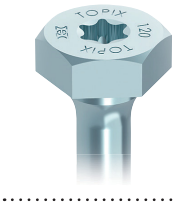
Product Information

- No pre-drilling required
- Faster driving
- Reduced risk of splitting the wood
- Lower driving torque

Approvals

ICC ES ESR-4480

CE ETA-19/0053



Combination hexagon head
The combination hexagon head with T-drive allows comfortable and universal processing with various tools

FH
Flange head provides higher load transmission due to the increased clamping surface of the head

CS
Countersunk head with milling grooves for flush countersinking of the head in timber and steel connections.

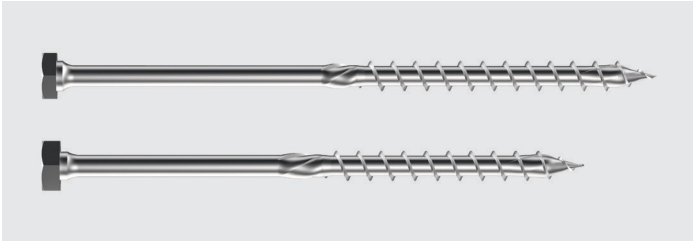
Shank ribs
Permit easy, stress free driving

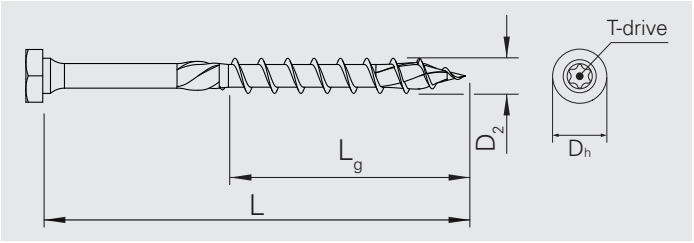
Higher thread pitch
For faster driving

Tip with milling ribs
Reduces the risk of splitting the wood

HTP combination hexagon hea

For use in dry, interior applications





Features

- Combination hexagon head
- T-drive
- Partial or full thread
- Bright zinc plated, A3K
- Carbon steel

Approvals

ETA-19/0053

ICC ES ESR-4480

Material

CHROME (VI) FREE

5/16" (8 mm) and 3/8" (10 mm) Carbon steel combination hexagon head

Full thread

Product code type	Diameter (D_2)		Nominal length (L)		Thread length (L_g)		Head dia. (D_h)		Drive	Carton qty
	in	mm	in	mm	in	mm	in	mm		
HTP-T-H-FT-8.0×50	5/16"	8.0	2"	50	1-5/8"	42	1/2"	13.0	13 mm hex/T40	100
HTP-T-H-FT-8.0×60			2-3/8"	60	2"	52				
HTP-T-H-FT-8.0×70			2-3/4"	70	2-3/8"	62				50
HTP-T-H-FT-8.0×80			3-1/8"	80	2-7/8"	72				
HTP-T-H-FT-8.0×100			3-7/8"	100	3-1/2"	92				
HTP-T-H-FT-10.0×60	3/8"	10.0	2-3/8"	60	2"	50	9/16"	15.0	15 mm hex/T-40	50
HTP-T-H-FT-10.0×70			2-3/4"	70	2-3/8"	60				
HTP-T-H-FT-10.0×80			3-1/8"	80	2-3/4"	70				
HTP-T-Ha-FT-10.0×100			3-7/8"	100	3-1/2"	90				

Partial thread

Product code type	Diameter (D_2)		Nominal length (L)		Thread length (L_g)		Head dia. (D_h)		Drive	Carton qty
	in	mm	in	mm	in	mm	in	mm		
HTP-T-H-PT-8.0×120	5/16"	8.0	4-3/4"	120	2-7/8"	72	1/2"	13.0	13 mm hex/T40	50
HTP-T-H-PT-8.0×140			5-1/2"	140	3-1/4"	84				
HTP-T-H-PT-10.0×120	3/8"	10.0	4-3/4"	120	2-7/8"	72	9/16"	15.0	15 mm hex/T40	50
HTP-T-H-PT-10.0×140			5-1/2"	140	3-1/4"	84				

Note: Short lengths may resemble full thread configuration.
Products with HTP-T-H-FT designation do not have shank ribs and are threaded to within 3/8" of the head.