

SFS HT full thread

Expertly engineered thread profiles

HT fully threaded screws are generally used in axially loaded conditions such as angled attachments and connections, and reinforcements for tension and compression. These screws are available in very long lengths to accommodate a wide range of axial loading scenarios and they enjoy all the features and benefits of the HT partially threaded fasteners and more.

1/4" countersunk HT screws include a wildly innovative variable full thread (VFT), where the thread pitch varies along the length of the fastener, creating a contraction effect when connecting two timber members together. This creates an extremely tight, secure connection. All other HT fully threaded fasteners have a specially engineered thread pitch based on screw diameter and length, the result of which is the optimal combination of installation time and ease; this is called "Perfect-Pitch". Whether it's an innovative variable thread or a custom curated "Perfect-Pitch" thread configuration, HT fully threaded fasteners show years of engineering expertise can make the best even better.

Product Information

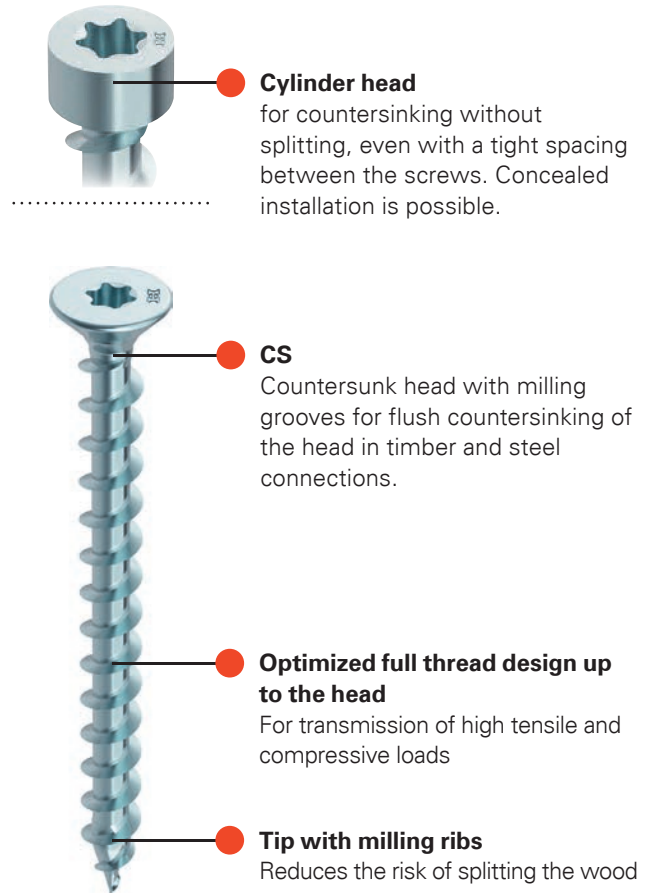
- Transfer of high tensile and compressive loads via the full thread
- Reduced edge and center distances
- Fast and simple to use

Approvals

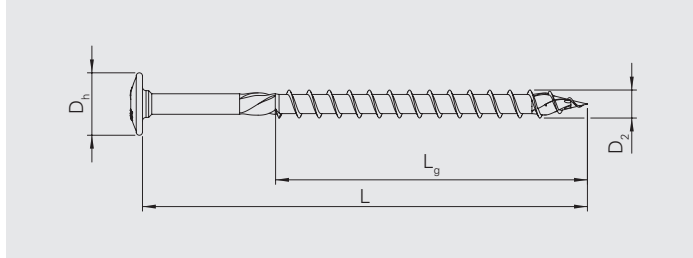
ICC
ES
ESR-4480



For use in
dry, interior
applications



SFS HT flange head

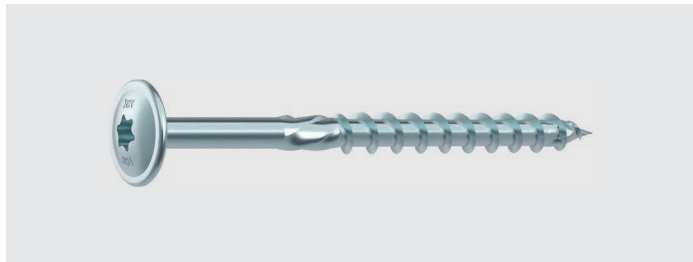


Flange head | T-drive | Partial or full thread
Bright zinc plated, A3K | Carbon steel

5/16" (8 mm) Carbon steel flange head

CHROME (VI) FREE +

ICC
ES
ESR-4480



Full thread

Product code Type	Diameter (D ₂)		Nominal length (L)		Thread length (L _g)		Head diameter (D _h)		Drive ⊕	Carton qty
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)		
HT-T-FH-FT-8.0x80	5/16"	8.0	3-1/8"	80	2-7/8"	74	11/16"	18.0	T-40	50
HT-T-FH-FT-8.0x100	5/16"	8.0	3-7/8"	100	3-3/4"	94	11/16"	18.0	T-40	50
HT-T-FH-FT-8.0x120	5/16"	8.0	4-3/4"	120	4-1/2"	114	11/16"	18.0	T-40	50

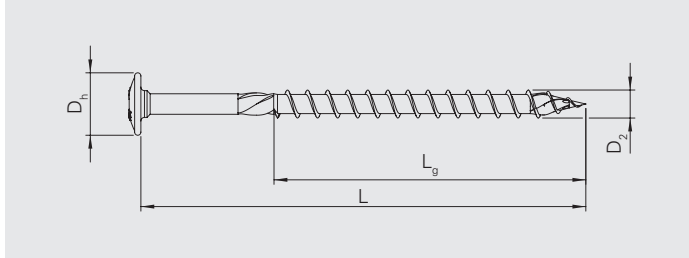
Partial thread

Product code Type	Diameter (D ₂)		Nominal length (L)		Thread length (L _g)		Head diameter (D _h)		Drive ⊕	Carton qty
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)		
HT-T-FH-PT-8.0x120	5/16"	8.0	4-3/4"	120	2-7/8"	72	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x140	5/16"	8.0	5-1/2"	140	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x160	5/16"	8.0	6-1/4"	160	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x180	5/16"	8.0	7-1/8"	180	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x200	5/16"	8.0	7-7/8"	200	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x220	5/16"	8.0	8-5/8"	220	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x240	5/16"	8.0	9-1/2"	240	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x260	5/16"	8.0	10-1/4"	260	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x280	5/16"	8.0	11"	280	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x300	5/16"	8.0	11-3/4"	300	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x320	5/16"	8.0	12-5/8"	320	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x340	5/16"	8.0	13-3/8"	340	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x360	5/16"	8.0	14-1/8"	360	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x380	5/16"	8.0	15"	380	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x400	5/16"	8.0	15-3/4"	400	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x420	5/16"	8.0	16-1/2"	420	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x460	5/16"	8.0	18-1/8"	460	3-7/8"	100	11/16"	18.0	T-40	50
HT-T-FH-PT-8.0x500	5/16"	8.0	19-5/8"	500	3-7/8"	100	11/16"	18.0	T-40	50

Note: Short lengths may resemble full thread configuration.

Products with HT-T-FH-FT designation do not have shank ribs and are threaded to within 1/4" of the head.

SFS HT flange head



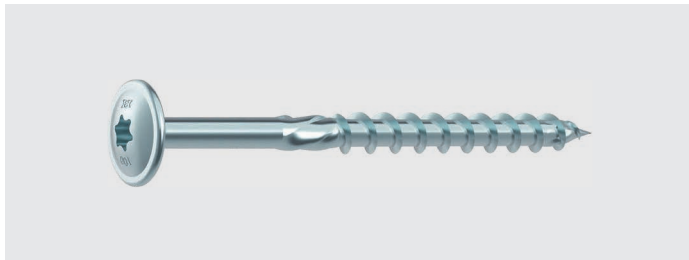
Flange head | T-drive | Partial or full thread
Bright zinc plated, A3K | Carbon steel

3/8" (10 mm) Carbon steel flange head

CHROME (VI) FREE +



ICC
ES
ESR-4480



Full thread

Product code Type	Diameter (D ₂)		Nominal length (L)		Thread length (L _g)		Head diameter (D _h)		Drive T-40	Carton qty
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)		
HT-T-FH-FT-10.0x80	3/8"	10.0	3-1/8"	80	2-7/8"	73	7/8"	22.5	T-40	50
HT-T-FH-FT-10.0x100	3/8"	10.0	3-7/8"	100	3-5/8"	93	7/8"	22.5	T-40	50
HT-T-FH-FT-10.0x120	3/8"	10.0	4-3/4"	120	3-7/8"	100	7/8"	22.5	T-40	50

Partial Thread

Product code Type	Diameter (D ₂)		Nominal length (L)		Thread length (L _g)		Head diameter (D _h)		Drive T-40	Carton qty
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)		
HT-T-FH-PT-10.0x140	3/8"	10.0	5-1/2"	140	3-1/4"	84	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x160	3/8"	10.0	6-1/4"	160	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x180	3/8"	10.0	7-1/8"	180	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x200	3/8"	10.0	7-7/8"	200	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x220	3/8"	10.0	8-5/8"	220	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x240	3/8"	10.0	9-1/2"	240	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x260	3/8"	10.0	10-1/4"	260	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x280	3/8"	10.0	11"	280	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x300	3/8"	10.0	11-3/4"	300	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x320	3/8"	10.0	12-5/8"	320	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x340	3/8"	10.0	13-3/8"	340	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x360	3/8"	10.0	14-1/8"	360	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x380	3/8"	10.0	15"	380	3-7/8"	100	7/8"	22.5	T-40	50
HT-T-FH-PT-10.0x400	3/8"	10.0	15-3/4"	400	3-7/8"	100	7/8"	22.5	T-40	50

Note: Short lengths may resemble full thread configuration.

Products with HT-T-FH-FT designation do not have shank ribs and are threaded to within 1/4" of the head.

SFS HT stainless

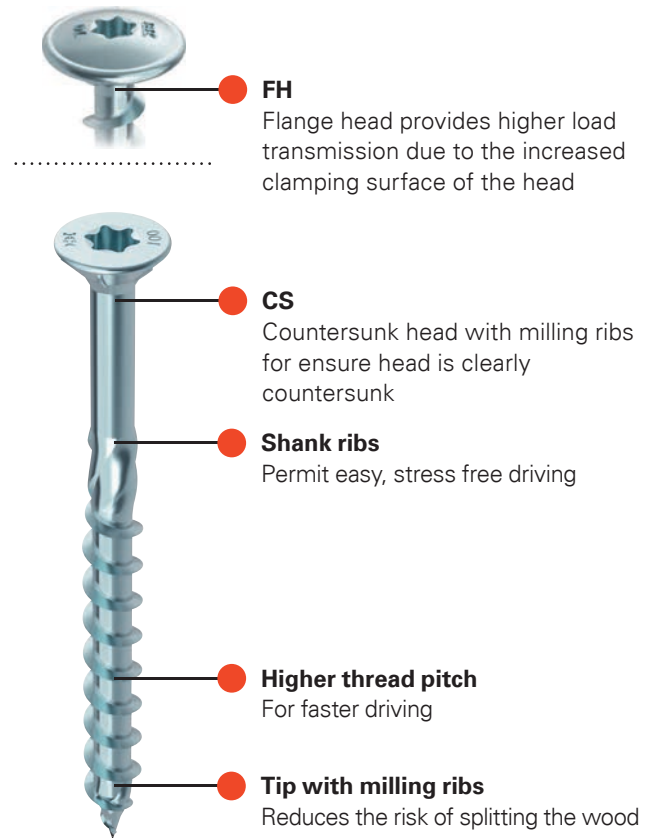
Safety and security with stainless steel

Experts in the timber construction sector value the advantages of HT 304 stainless steel screws when used in challenging environmental applications such as generally damp exterior exposure and use in treated lumber. Safety and security is knowing the inherent corrosion resistance of 304 stainless steel and not relying on coating systems that can be damaged during installation or break down over time of exposure. HT stainless steel screws provide all the excellent benefit of carbon HT screws, but with the safety and security of 304 stainless steel.

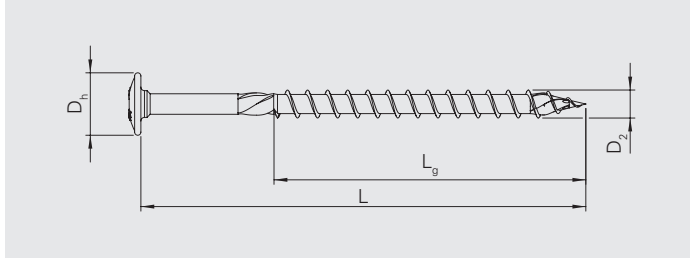
Product Information

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

Approvals



SFS HT flange head stainless



Flange head | T-drive | Partial thread
304 Stainless steel (A2 1.4567)

1/4" (6 mm) and 5/16" (8 mm) Stainless steel flange head



Product code Type	Diameter (D ₂)		Nominal length (L)		Thread length (L _g)		Head diameter (D _h)		Drive ★	Carton qty
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)		
HT-S-FH-PT-6.0x100	1/4"	6.0	3-7/8"	100	3-1/4"	84	9/16"	14.0	T-30	100
HT-S-FH-PT-6.0x120	1/4"	6.0	4-3/4"	120	3-7/8"	100	9/16"	14.0	T-30	100

Product code Type	Diameter (D ₂)		Nominal length (L)		Thread length (L _g)		Head diameter (D _h)		Drive ★	Carton qty
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)		
HT-S-FH-PT-8.0x140	5/16"	8.0	5-1/2"	140	3-1/4"	84	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x160	5/16"	8.0	6-1/4"	160	3-7/8"	100	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x180	5/16"	8.0	7-1/8"	180	3-7/8"	100	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x200	5/16"	8.0	7-7/8"	200	3-7/8"	100	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x220	5/16"	8.0	8-5/8"	220	3-7/8"	100	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x240	5/16"	8.0	9-1/2"	240	3-7/8"	100	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x260	5/16"	8.0	10-1/4"	260	3-7/8"	100	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x280	5/16"	8.0	11"	280	3-7/8"	100	11/16"	18.0	T-40	50
HT-S-FH-PT-8.0x300	5/16"	8.0	11-3/4"	300	3-7/8"	100	11/16"	18.0	T-40	50

Product code Type	Diameter (D ₂)		Nominal length (L)		Thread length (L _g)		Head diameter (D _h)		Drive ★	Carton qty
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)		
HT-S-FH-FT-8.0x40	5/16"	8.0	1-5/8"	40	1-3/8"	34	11/16"	18.0	T-40	50
HT-S-FH-FT-8.0x50	5/16"	8.0	2"	50	1-3/4"	44	11/16"	18.0	T-40	50
HT-S-FH-FT-8.0x60	5/16"	8.0	2-3/8"	60	2-1/8"	54	11/16"	18.0	T-40	50
HT-S-FH-FT-8.0x80	5/16"	8.0	3-1/8"	80	2-7/8"	74	11/16"	18.0	T-40	50
HT-S-FH-FT-8.0x100	5/16"	8.0	3-7/8"	100	3-3/4"	94	11/16"	18.0	T-40	50
HT-S-FH-FT-8.0x120	5/16"	8.0	4-3/4"	120	4-1/2"	114	11/16"	18.0	T-40	50

Note: Short lengths may resemble full thread configuration.

Products with HT-S-FH-FT designation do not have shank ribs and are threaded to within 3/8" of the head.