Strong-Drive®
TBP WOOD-TO-STEEL Screw

Common Applications:

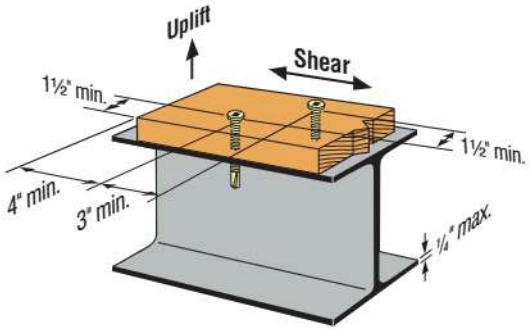
- Wood to hot-rolled steel (Maximum recommended thicknesses: ¼")

For more information, see pp. 115 and 235, C-F-2023 *Fastening Systems* catalog

TBP — Allowable Loads — DFL and SP Lumber Attachment to Steel (Steel Members 16 ga. – ¼" Thick)

Model No.	Length in. (mm)	Nominal Wood Thickness (in.)	Steel Thickness [mil (ga.)]	Reference DFL/SP Allowable Loads (lb.)			
				Uplift		Shear	
				$C_D = 1.0$	$C_D = 1.6$	$C_D = 1.0$	$C_D = 1.6$
TBP1460	2⅜ (60)	2x	54 (16)	195	195	210	335
			68 (14)	225	225	210	335
			97–375 (12 – 5⁄16")	245	390	215	345
TBP1475	3 (75)		54 (16)	195	195	210	335
			68 (14)	225	225	210	335
			97–375 (12 – 5⁄16")	245	390	215	345

1. For use with structural steel members up to ¼" thick or cold-formed steel members 54 mil (16 ga.) or thicker.
2. Minimum steel strength Fu = 45 ksi.
3. Product is available in two coatings. TBP screws have a black phosphorous coating. TBG screws have a mechanically galvanized (N2000) coating for additional corrosion protection.
4. Reference allowable loads are based on tests using 2x (1.5 in.) thick wood members.
5. Use increased allowable loads (C_D = 1.6) only when resisting wind or seismic forces. Values must be multiplied by all applicable adjustment factors per the NDS.
6. Minimum fastener spacing requirements to achieve allowable loads: 4" end distance, 1.5" edge distance, 1.5" between staggered rows, 3" between non-staggered rows, and 4" between fasteners in a row.
7. Visit **strongtie.com/drawings** and search for SD1-M for additional detail sheets and load tables in DWG, PDF or DXF format.



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