

# SCREW PRODUCTS INC.



The Ultimate Wood Screw

Here at Screw Products, Inc. we provide the most useful, reliable, and quality fasteners in the world today. The charts you see below are a summary of a complete battery of tests performed on our fasteners by Trace Laboratories. For more information on these tests, or a copy of the complete report, please call us at 1 (877) 844-8880 today.

Screw Pull Out Force (Thread Depth & LBS)*			
Screw Type	Depth	SYP	WRC
CCTX516600	2½"	1988	885
CTX 381000	3"	2626	1336.6
YTX 151000	2½"	2150	866.4
YTX 147000	2½"	1616	962.6

Screw Pull Through (LBS)*		
Screw Type	SYP	WRC
CCTX516600	2305	1844
CTX 381000	3712	1964
YTX 151000	1929	1150
YTX 147000	1722	1276

Screw Shank Shear – Metal*	
Screw Type	LBS
SSTX08200	1000
SSTH09300	1100
SSTX10400	1325
YTX08212	1500
YTX09300	2075
YTX10400	2255
CCTX516600	3700
CTX381000	3825
YTX14700	2800
YTX15100	2650

Screw Lap Shear (LBS)		
Screw Type	SYP	WRC
CCTX516600	1220	767
CTX381000	1602	1148
YTX151000	1127	997
YTX14700	1269	691

All tests performed by:  
Trace Laboratories  
1150 W. Euclid Avenue  
Palatine, IL 60067-7368  
Ph. (847) 934-5300  
Fx. (847) 934-4600  
www.tracelabs.com

Pull Out Testing By Material (Thread Depth & LBS)												
Screw Type	Southern Yellow Pine		Douglas Fir		Plywood		Chip Board		Particle Board		Redwood	
	LBS	Depth	LBS	Depth	LBS	Depth	LBS	Depth	LBS	Depth	LBS	Depth
SSTH09300	1110	1½"	995	1½"	650	.75"	415	1"	440	¾"	292.5	¾"
THBTX09300	1375	1½"	1025	1½"	685	.75"	390	1"	392.5	¾"	307.5	¾"
YTX08212	1135	1½"	825	1½"	657	.75"	370	1"	400	¾"	312.5	¾"
SSTX09300	1250	1½"	767.5	1½"	512.6	.75"	500	1"	432.5	¾"	362.5	¾"
CCTX516400	1285	1½"	645	1½"	670	.75"	-	-	-	-	-	-
CCTX516500	2275	1½"	735	1½"	590	.75"	-	-	-	-	-	-
YTX15100	2000	1½"	862.5	1½"	630	.75"	630	1"	445	¾"	200	¾"

Average Shear Strength – Wood**	
Screw Type	LBS
YTX09300	803
YTX08212	787
YTX15800	1470
YTX151000	1665
YTX10400	1065
YTX14700	1205
YTX14512	1029
SSTX09300	655
SSTH09300	847
SSTX08200	695
SSTX10400	827

**SYP:** Southern Yellow Pine  
**WRC:** Western Red Cedar

To request the full 70 page Report, please contact us by phone or email. Specific Data Sheets per test are also available.

Screws that share the same diameter and metal type will have equal values to those tested. For Example: Our SSTX09212 9x2½" will share the same shear strength as our SSTX09300 9x3"

\* 5 Test Average  
\*\* 2 Test Average