



Bullets For Building™

## TEST COMPARISON REPORT

### WOODMASTER® CUTTING THREADS VS. TYPE-17 POINT

(Woodmaster® Cutting Threads are used on our COPPERGUARD® DECKING SCREWS)

Equipment: DBS by Schatz GmbH Remscheid

Material: Beech Wood 7% Humidity

Application: Furniture Assembly

#### TEST: TORQUE VALUE

Flat Head # 8 x 2-1/2"	Woodmaster®	Type-17
Test 1 in/lbs.	17.69	19.46
Test 2 in/lbs.	16.04	23.89
Test 3 in/lbs.	17.69	19.90

#### TEST: PULL OUT TEST

Flat Head #8 x 2-1/2"	Woodmaster®	Type-17
Test 1 Kg/cm	167.85	130.18
Test 2 Kg/cm	173.40	154.56
Test 3 Kg/cm	185.44	155.31

#### TEST: DRIVING AND FRICTION TEST

	Drill in Depth	Woodmaster®	Type-17
Flat Head #8 x 2"	2800 degree	3.25 N/M	4.550 N/M
Flat Head #8 x 3"	3800 degree	3.55 N/M	4.900 N/M
Flat Head #10 x 3"	2800 degree	4.50 N/M	6.600 N/M

### RESULTS

1. Based on test results the Woodmaster® thread design offers 30% less driving torque than the Type-17 samples supplied by Sure Drive USA® for this test.
2. The Woodmaster® thread offers an average of 19.6% greater holding power than Type-17 screws provided for this test.
3. The Woodmaster® thread design started and drove 39% faster than the Type-17 samples provided for this test.