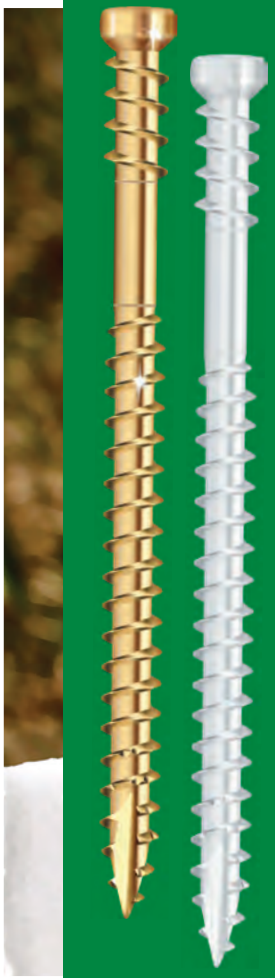
RT Composite™ Trim Head Screws

Reverse Threads Prevent Mushrooming

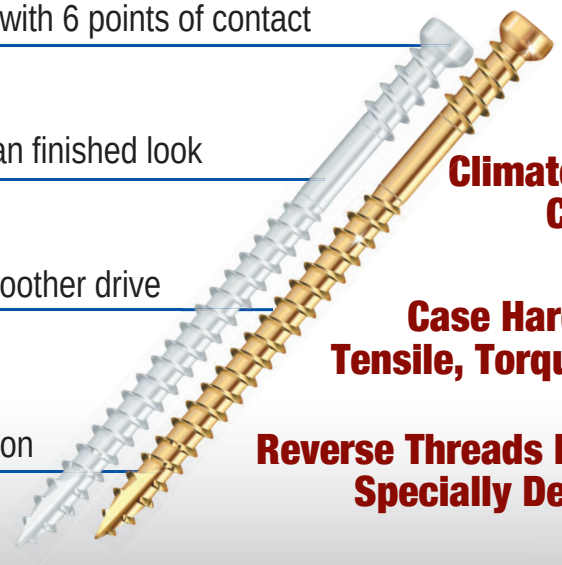


RECESSED STAR DRIVE — Zero Stripping, with 6 points of contact

TRIM HEAD — Allows for a clean finished look

W-CUT™ — Low torque, smoother drive

ZIP-TIP™ — No pre-drilling, faster penatration



ÜberGrade™

Code Approved with Structural Values

Climatek™ Coating is AC257 Code Approved for use in Treated Lumber

Case Hardened Steel with High Tensile, Torque and Shear Strength

Reverse Threads Prevent Mushrooming, Specially Designed for Composite and PVC Trim

DRIVE WITH SPEED, QUALITY & CONFIDENCE

WWW.GRKFASTENERS.COM

800.263.0463

GRK FASTENERS™ ÜberGrade™

FIN/Trim™ Technical Data

Building Code Approved with a Limited Lifetime Warranty.

IBC/IRC Code Compliant ESR #3201

RT™ Reverse Thread Trim Head Screws are optimized for use with all Composite, PVC and Capstock Decking and exterior trim. It leaves a clean look as the tiny heads disappear when countersunk. Available in #8 and #9 gauge diameters in lengths from 2" to 2-1/8". Approved for use in all applications that include pressure treated lumber. Available in both WHITE or standard Climatek™ finish and PHEINOX™ stainless steel (with and without white head option)

GRK FASTENERS ÜberGrade

FASTENER DESIGNATION		OVERALL LENGTH (inches)	LENGTH OF THREAD (inches)	MINOR THREAD DIAMETER (inches)	SHANK DIAMETER (inches)	OUTSIDE THREAD DIAMETER (inches)	ALLOWABLE STEEL STRENGTH		
							Bending Yield Strength F_{yb} (psi)	Tensile (psi) [pounds]	Shear (psi) [pounds]
TRIM	8x2 1/2"	2 3/8	1 1/2	0.106	0.116	0.160	156220	56580 [499]	40000 [360]
	8x2 3/4"	2 3/4	1 7/8						
	8x3 1/8"	3 1/8	2 1/8						
	9x2 1/2"	2 3/8	1 5/8	0.114	0.128	0.176	155030	57000 [576]	42160 [425]
	9x2 3/4"	2 3/4	1 3/4						
	9x3 1/8"	3 1/8	2 1/8						

For **SI:** 1 inch = 25.4 mm; 1 psi = 6.9 kPa. Bending yield strength determined in accordance with ASTM F 1575 using the minor thread diameter. Length of thread includes tip.

FASTENER DESIGNATION		WITHDRAWAL, *W* (lbs./in.) FOR SPECIFIC GRAVITIES OF:
		0.67
TRIM	# 8	873
	# 9	1106

For **SI:** 1 inch = 25.4 mm; 1 lbf/in = 175.127 N/m.
Fastener withdrawal was tested in accordance with ASTM D 1761.
[Tabulated Withdrawal Ultimate Values (*W*) are in Pounds per Inch of Thread Penetration into Side Grain of Main Member]

FASTENER DESIGNATION		PULL-THROUGH, *P* (lbs./in.) FOR SPECIFIC GRAVITIES OF:
		0.67
TRIM	# 8	393
	# 9	602

For **SI:** 1 inch = 25.4 mm; 1 lbf/in = 175.127 N/m.
Fastener pull-through testing was performed in accordance with ASTM D 1037
[Tabulated Pull-Through Ultimate Values (*P*) are in Pounds per Inch of Side Member Thickness]

FASTENER DESIGNATION		SIDE MEMBER THICKNESS, t_s (inches)	FASTENER PENETRATION, *p* (inches)	REFERENCE LATERAL ULTIMATE VALUE, *Z* (pounds) FOR SPECIFIC
				0.67
				Parallel to Grain, $Z_{\parallel}$
TRIM	8x2 1/2"	25/32	1 1/2	388
	8x2 3/4"	25/32	2	
	8x3 1/8"	25/32	2 1/2	421
	9x2 1/2"	25/32	1 1/2	607
	9x2 3/4"	25/32	2	
	9x3 1/8"	25/32	2 3/8	520

For **SI:** 1 inch = 25.4 mm. Lateral load testing was performed in accordance with ASTM D 1761.