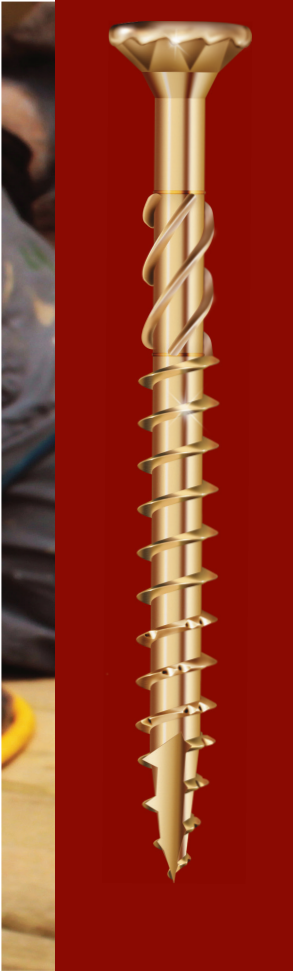
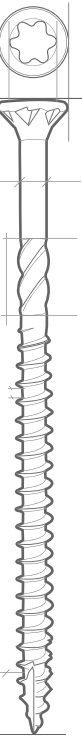




R4™ Multi-Purpose Framing Screws

Frame with Ease and Confidence



**RECESSED
STAR DRIVE**

Zero Stripping, with 6 points of contact

CEE THREAD™

Enlarges hole to reduce splitting

W-CUT™

Low torque, smoother drive

ZIP-TIP™

No pre-drilling,
faster penetration

ÜberGrade™

**Code Approved for
Structural Application**

**Case Hardened Steel
High Tensile, Torque and
Shear Strength**

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

**Cutting Pockets provide a clean hole
and reduces splitting, and bore
with precision**



DRIVE WITH SPEED, QUALITY & CONFIDENCE
WWW.GRKFASSTENERS.COM
800.263.0463

GRK
FASTENERS™
ÜberGrade™

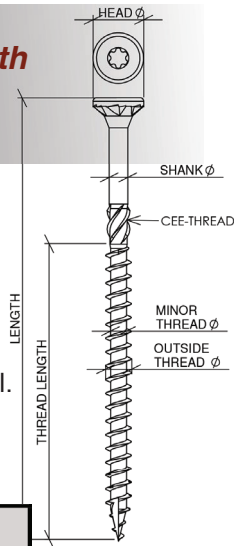


R4™ Technical Data

Building Code Approved with a Limited Lifetime Warranty.



R4™ Multi-Purpose Framing Screws are used for wood, plastic, cement fiber board, particle board, sheet metal, wood decking and melamine. Comes in a variety of sizes/gauges from 1-1/4" to 12" long. Only screws 2" and up have a 4 threaded CEE Thread. For pressure treated lumber, cedar and redwood use #9 or #10 gauges on deck boards. For southern yellow pine use #10 gauge. For use in all applications that include pressure treated lumber. Some sizes available in PHEINOX™ stainless steel.



FASTENER DESIGNATION	OVERALL LENGTH ¹ (inches)	LENGTH OF THREAD ² (inches)	MINOR THREAD DIAMETER ³ (inches)	SHANK DIAMETER ³ (inches)	OUTSIDE THREAD DIAMETER ³ (inches)	ALLOWABLE STEEL STRENGTH			
						Bending Yield Strength ⁴ <i>F_{yb}</i> (psi)	Tensile (psi) [pounds]	Shear (psi) [pounds]	
R4	9x2"	2	1 1/4	0.117	0.130	0.174	167160	61760 [627]	39660 [428]
	9x2 1/2"	2 3/8	1 5/8						
	9x2 3/4"	2 3/4	1 7/8						
	9x3 1/8"	3 1/8	2 1/8						
	10x2 1/2"	2 3/8	1 5/8	0.128	0.142	0.194	151150	62640 [846]	44520 [542]
	10x2 3/4"	2 3/4	1 7/8						
	10x3 1/8"	3 1/8	2 1/8						
	10x3 1/2"	3 1/2	2 3/8						
	10x4"	3 7/8	2 5/8	0.153	0.172	0.238	141350	60580 [1134]	38610 [655]
	10x4 3/4"	4 5/8	3						
	12x3 1/8"	3 1/8	2 1/8						
	12x4"	3 7/8	2 5/8						
	12x4 3/4"	4 5/8	3						
	12x5 5/8"	5 1/2	3						
	12x6 3/8"	6 1/4	3						
	12x7 1/4"	7	3						
12x8"	7 7/8	2 5/8							
12x10"	9 3/4	2 3/4							
12x12"	11 3/4	2 3/4							

For SI: 1 inch = 25.4 mm; 1 psi = 6.9 kPa.

FASTENER DESIGNATION	WITHDRAWAL, <i>W</i> (lbs./in.) FOR SPECIFIC GRAVITIES OF:	
	0.67	
R4	# 9	897
	# 10	1244
	# 12	1273

For SI: 1 inch = 25.4 mm; 1 lbf/in = 175.127 N/m.
Fastener withdrawal was tested in accordance with ASTM D 1761.

FASTENER DESIGNATION	PULL-THROUGH, <i>P</i> (lbs./in.) FOR SPECIFIC GRAVITIES OF:	
	0.67	
R4	# 9	1038
	# 10	1758
	# 12	2608

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



Scan to view to view for detailed IBC/IRC Code Compliant ESR #3201



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