



# PRODUCT DATASHEET

## SUPER DRYWALL SCREWS

### (EvoShield® coated)

#### PRODUCT DETAILS

Purpose:	Mechanical fastening <sup>1</sup> of drywall and cementitious boards <sup>2</sup> to mild steel structural framing or partitioning systems <sup>3</sup>
Head style and drive:	Bugle head with undercutting ring. Phillips No. 2 female recess.
Material Grade:	SAE C1020 (hardened > 55 HRC).
Coating:	EvoShield® 1,000HR.
Self-drilling point:	TEK® 3.

#### GENERAL PHYSICAL CHARACTERISTICS

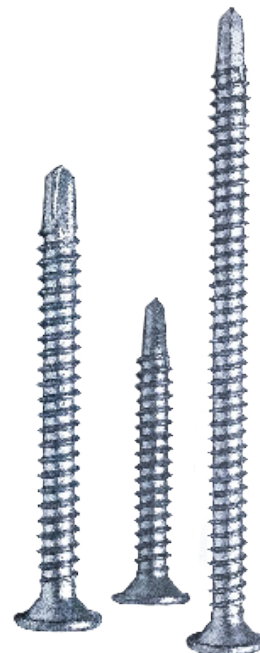
SKU	Nominal Dimensions, $d_{nom} \times L_{nom}$ (mm)	Effective Thread Length, $L_{thread}$ (mm)	Drilling Capacity, $H_{cap}$ (mm)
EVUTK 4.8-38-3	4.8 x 38 mm	29.0	1.2-3.5
EVUTK 4.8-50-3	4.8 x 50 mm	41.0	1.2-3.5
EVUTK 4.8-75-3	4.8 x 75 mm	66.0	1.2-3.5

#### CHARACTERISTIC WITHDRAWAL RESISTANCE<sup>4,5</sup>, $N_{Rk}$ , FROM S355JR MILD STEEL<sup>6</sup>

Nom. Dia. (mm)	Nominal Substrate Thickness, $t_{nom}$ (mm)				
	1.2	1.5	2.0	3.0	4.0
4.8	1,380	2,060	3,230	6,320	8,650

#### CHARACTERISTIC<sup>4</sup> MECHANICAL PROPERTIES

Characteristic	Symbol	Magnitude	Unit
Characteristic tensile capacity, <sup>7</sup>	$F_{ult,Rk}$	14,030	N
Characteristic shear capacity, <sup>8</sup>	$V_{ult,Rk}$	8,740	N
Characteristic torsional capacity, <sup>9</sup>	$T_{ult,Rk}$	8.90	Nm



<sup>1</sup> Mechanical fasteners pursuant to BS EN 14566: 2008 & A1: 2009,  
<sup>2</sup> Metal components pursuant to BS EN 14195: 2014,  
<sup>3</sup> Gypsum plasterboard pursuant to BS EN 520: 2004 & A1: 2009 and fibre reinforced boards pursuant to BS EN 15283-1: 2008 & A1: 2009 and BS EN 15283-2: 2008,  
<sup>4</sup> Characteristic loads specifically refers to the mean result from empirical tests minus two standard deviations and rounded down to the nearest 10N in accordance with EAD 330047-01-0602 and UKAS Document M3003,  
<sup>5</sup> Derived from empirical testing pursuant to BS EN 14566: 2008 & A1: 2009,  
<sup>6</sup> Mild hot-rolled steel pursuant to BS EN 10025-2: 2019,  
<sup>7</sup> Derived from empirical testing pursuant to BS EN ISO 6892-1: 2016 NC,  
<sup>8</sup> Derived from empirical testing pursuant to MIL-STD-1312 REV B NC,  
<sup>9</sup> Derived from empirical testing pursuant to BS EN ISO 10666: 1999 NC.

NOTE: The results expressed in this document are determined from empirical testing. Specifiers, end-users and other third parties should make their own decision(s) on what safety factors to use relevant to their design(s)/ application(s). This document is provided, strictly: without prejudice, without recourse, without liability, non-assumpsit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.  
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