



DECKFAST® Metal | Technical Information

Color Matched Screws for Fastening Composite and PVC Decking to Trex® Elevations and other Metal Framing Systems

Product Specifications and Features

Material: 410 stainless steel

Coating: Corrosion resistant epoxy polymer resin

Colors: Various (see www.deckmatcher.com for color matches with popular decking products)

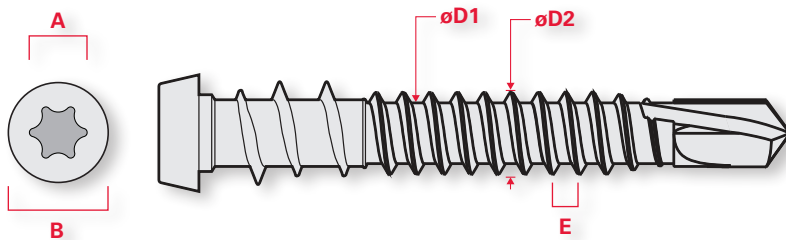
Head: Composite

Thread: Fine

Point: Drill point

Made in: Taiwan

Item number prefix: "MTR"



Size	Drill point	A. Recess (size/type)	B. Head dia. (mm)	D1. Minor dia. (mm)	D2. Major dia. (mm)	E. Thread pitch (tpi)
10 x 1-5/8"	#3	T-20	6.65	3.20	4.75	19
12 x 2-3/8"	#4	Star drive	7.50	4.00	5.40	14

Decking and metal joist dimensions

Size	Decking thickness (actual)	Metal thickness (actual)
10 x 1-5/8"	3/4" to 1"	18g to 2 x 14g (= 0.15")
12 x 2-3/8"	1" to 1-1/2"	18g to 1/4"

Withdrawal strength (average ultimate load)*

Size	Steel gauge	Withdrawal (kgf)
10 x 1-5/8"	18	171
	16	264
	14	402
	12	675

Size	Aluminum type / thickness (in)	Withdrawal (kgf)
10 x 1-5/8"	6063-T52 / 0.125"	280
	6063-T52 / 0.25"	793
	6063-T6 / 0.125"	421
	6063-T6 / 0.25"	977

Fastener strength (average ultimate load)*

Size	Tensile (kgf)	Shear (kgf)
10 x 1-5/8"	1125	874

*Note: Performance data have been obtained through independent laboratory testing, and are to be used as a guide only; these values are not guaranteed. Consult a qualified professional to determine appropriate design safety factors.

Installation note: Apply a moderate amount of force during installation to ensure that wings shear off upon contact with metal.