

Trade Tek Screws

(For fastening liner panels and general components to steel).

PRODUCT BENEFITS

- Evolution precision formed head ensures stable driving characteristics
- Hex/ flange head design provides sure clamping action.
- High grade steel helps prevent head snap.
- Aggressive threadform design ensures consistent tapping and superb holding power.
- Shank cut tapping thread ensures low torque, low stress installation.
- Precision formed concave fluting ensures speedy chip removal.
- Super hard, super sharp drill tips ensure fast drill times.



PULL TEST NOTE

Beyond 6mm imbedment into base steel, the deciding factor is the tensile performance of the fastener. Tests were performed in steel, yield tested at (1.2-3.0mm) 340N/mm & (4.0-12.5mm) 485N/mm (C12)

PRODUCT SPECIFICATION

MATERIAL	Case Hardened Carbon Steel
HEAD DIM.	5/16" 8mm
HEAD STYLE	Hex Flange
THREAD FORM	
DRILL CAPABIL.	Tek 4> up to 6mm
COATING	

MECHANICAL PERFORMANCE

Diameter	Tensile	Shear
5.5mm	14.2kN	9.2kN

PRODUCT RANGE

Description	EFL Thread (mm)	Steel Thickness (mm)
5.5 x 38mm Bonded Hex Washer Head (250)	19	6
5.5 x 50mm Bonded Hex Washer Head (250)	31	6
5.5 x 32mm Ind. Hex Washer Head (500)	21	6
5.5 x 38mm Ind. Hex Washer Head (500)	27	6
5.5 x 50mm Ind. Hex Washer Head (250)	41	6
5.5 x 75mm Ind. Hex Washer Head (100)	65	6
5.5 x 100mm Ind. Hex Washer Head (100)	90	6
5.5 x 42mm Timber Fix Csk Head (200)	12	6
5.5 x 65mm Timber Fix Csk Head (200)	35	6
5.5 x 85mm Timber Fix Csk Head (100)	42	6
5.5 x 100mm Timber Fix Csk Head (100)	42	6

APPLICATIONS

Mini zed to rails and purlins linear panels with ferrules insulation retention disks notched steel/ web spacers metal decking applications

ULTIMATE PULL TEST

Screw Dia (mm)	Thread	Drill Point	Steel Thickness							
			1.2	1.6	2.0	2.5	3.0	4.0	5.0	6.0
5.5	Coarse	3	2.5kN	3.4kN	4.8kN	7.0kN	8.1kN	**	**	**
5.5	Fine	5	**	**	**	**	**	9.5kN	11.2kN	14.1kN

