



SURE-FAST

INDUSTRIAL FASTENERS

Product Data Sheet

HEX HEAD SELF DRILLING METAL SCREWS (TEK POINT)

- **High Performance:** One-piece hardened carbon steel fastener ideal for fixing metal roofing, wall cladding and sheet metal to steel structures.
- **Superior Clamping:** Hex flanged profile provides high clamping force and resists stripping under high installation torque.
- **No pre-drilling required:** Drives cleanly into light and medium gauge structural metal.
- **Premium Corrosion Protection:** Finished with Sure-Guard™ Class 4 galvanised coating for premium exterior corrosion resistance.



PRODUCT CODE	DESCRIPTION	GAUGE & TPI	WASHER TYPE	LENGTH (MM)	DRILL/HEAD TYPE	DRILL CAP. (MM)	PULL OUT LOAD (KN) ₁	SHEAR LOAD (KN)	BOX QTY
6Z190	12-14 x 20 Hex Tek Bare SX4	12G -14	Bare (Non-Washed)	20	5/16" Hex Head	1.0 – 4.50	8.50	7.80	500
6Z285	12-14 x 20 Hex Tek+Seal SX4		EPDM						

The ultimate pull-out figures shown were achieved when product was installed into 4.5mm Structural Steel Plate.

₁ A safe working load should not exceed 25% of stated ultimate mechanical capacity values.

Ultimate Pull-out capacities by Steel Thickness: 1mm = 1.90 kN | 2mm = 4.10 kN | 3mm+ = 6.20 kN | 5mm = 8.20kN

Manufactured to AS3566 - 2002

INSTALLATION

Step 1: Alignment Position the fastener perpendicular (90°) to substrate.	Step 2: Tool Velocity Engage a variable speed drill driver calibrated between 2,200 and 2,500RPM max. DO NOT USE AN IMPACT DRIVER.	Step 3: Penetration Apply firm, continuous axial pressure until Tek point pierces and threads into structural metal.	Step 4: Seat Check Ensure the clutch cuts out as soon as head or EPDM washer sits level, flush and compressed against the sheet.
---	---	--	--

Disclaimer: Every reasonable effort has been made to ensure that this document is correct at the time of printing. Sure-Fast Industrial Fasteners makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration and it is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. www.sure-fast.com.au