



SURE-FAST

INDUSTRIAL FASTENERS

Product Data Sheet

HEX HEAD NO. 5 POINT SELF DRILLING METAL SCREW

- **High Performance:** One-piece hardened carbon steel fastener ideal for heavy-duty structural steel fixing.
- **Superior Clamping:** Hex flanged profile provides exceptional surface clamping force and resists drive slippage or stripping under high torque assembly.
- **No pre-drilling required:** Features a specialized No. 5 extended drill point that cleanly drills and taps directly into hot rolled structural steel sections.
- **Premium Corrosion Protection:** Finished with Sure-Guard™ Class 4 corrosion-resistant galvanised coating.



PRODUCT CODE	GAUGE & TPI	LENGTH (MM)	DRILL/HEAD TYPE	DRILL CAP. (MM)	PULL OUT LOAD (KN) ₁	SHEAR LOAD (KN)	BOX QTY
6Z122432SX4	12G - 24	32mm	5/16" Hex Head	3.0 – 12.0mm	16.50	11.20	500

The ultimate pull-out figures shown were achieved when product was installed into 12mm 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: 3mm = 4.80 kN | 5mm = 8.20 kN | 8mm+ = 13.10 kN | 12mm = 16.50kN

Manufactured to AS3566 - 2002

INSTALLATION

Step 1: Alignment Position the fastener perpendicular (90°) to substrate.	Step 2: Tool Velocity Use drill speed between 1,500 – 1,800 RPM max.	Step 3: Penetration Apply firm, continuous axial pressure until drill point pierces and threads into structural metal.	Step 4: Seat Check Ensure the clutch cuts out as soon as head sits flush against surface.
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