

Self-Drilling Screw Point Selection Guide

Tip: Set your PDF viewer to "Actual size" before printing to maintain scale.

Point Type	Max Steel Thickness	Gauge Range	Common Applications
Tek 1	0.015" (0.38mm)	29-20 gauge	HVAC ductwork, thin sheet metal, ventilation systems
Tek 2	0.060" (1.52mm)	16-14 gauge	Metal roofing, siding, light steel framing, metal panels
Tek 3	0.125" (3.18mm)	11-7 gauge	Steel framing, commercial roofing, heavy HVAC, structural light gauge
Tek 4	0.187" (4.75mm)	7-3 gauge	Structural steel, heavy equipment, industrial applications, thick beams
Tek 5	0.500" (12.7mm)	1/2" thick	Very heavy structural steel, thick beams, heavy machinery mounting

Installation Best Practices

- **Match point to material:** Too short won't penetrate, too long wastes time
- **Multiple layers:** Add thicknesses together to select correct point
- **Drilling speed:** Use appropriate RPM - too fast dulls point, too slow won't cut
- **Steady pressure:** Let drill point do the work, don't force penetration
- **Weather applications:** Use screws with neoprene or EPDM washers

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