



3 APPLICATION OVERVIEW
A. CURTAIN WALL
b. On site
ii. Fixing mullions brackets

2 Screw fastening on steel

Before the right screw for fastening brackets can be selected, the properties of the material, e.g. thickness of steel must be known.



Characteristics	Product description	Necessary accessories
Drilling thickness mm		
1.25 – 2.00 mm	S-MD 51 S	
2.00 – 6.00 mm	S-MD 53 S	Screwdriver Hilti ST 1800
4.60 – 12.00 mm	S-MD 55 S	



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3 Direct fastening on concrete or steel

With the direct fastening technology, a powder-actuated fastening tool is used to drive a nail or threaded studs into concrete or steel.

Provides high fastening rate and easy to use solution for curtain wall fastening. Due to constant exposure to external environment stainless steel nails or threaded studs to be used.

When pre-drilling in concrete for threaded studs fastening, it helps to guide the nail and ensures extremely high loads. Additionally, the hole is drilled to a depth of only 23 mm and no reinforcing bars are hit during the drilling.

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to watch video



Characteristics	DX 5
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Product description	Powder actuated fastening tool
Technology	Hybrid urethane methacrylate adhesive
Magazine holds	DX 5-F8: single nail
Base material	concrete, steel
Thickness of base material concrete:	Nails: hmin ≥ 80.00 mm Threaded studs: hmin ≥ 100.00 mm
Steel:	Nails: tl ≥ 6.00 mm Threaded studs: hmin ≥ 4.00 mm
Thickness of fastened material (steel plate/ GI sheet)	Nails: tl ≤ 3.00 mm Threaded studs: tl ≈ up to 13 mm
Nails	concrete & steel nails: X-CR 14, 16, 21, 29 P8
Threaded studs	concrete: X-CR M8 (requires pre-drilling) steel: X-CR M8 (no pre-drilling)
Necessary accessory	Cartridge 6.8/11, drill bit TE-C-5/23B or TE-C-5/23, TE 4-A22

