



Innovative Solutions
Indian Values

XSD -Xcut Spade Drill

Introducing our Spade Drill Line - Modular Drill with Replaceable Insert

Benefits

- With the SPLIT Replaceable construction, it offers flexible combination options, catering various materials.
- Can be used on Conventional/CNC machine to improve the Quality and efficiency up to L/D 15.
- Used normally in HSS Inserts. Carbide Insert Available on Request.

Features

- Modular Drill with Replaceable insert.
- Drill Diameter Range: 9.5 to 114mm
- Insert Available in HSS with 10%, 15% and 25% Cobalt.
- Special TiAlN/AlCrN coating.

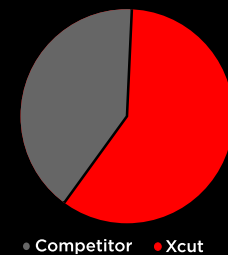
XSD Case Study

Product Description	XSD-I-15-M0240-25XH	
Material & Hardness	Piston Rod, Steel C45 welding	
Parameters	Competitor (D)	XCUT
Depth of Cut	3x16	3x16
Vc: m/min	11.3	11.3
Fz: mm/tooth	0.12	0.16

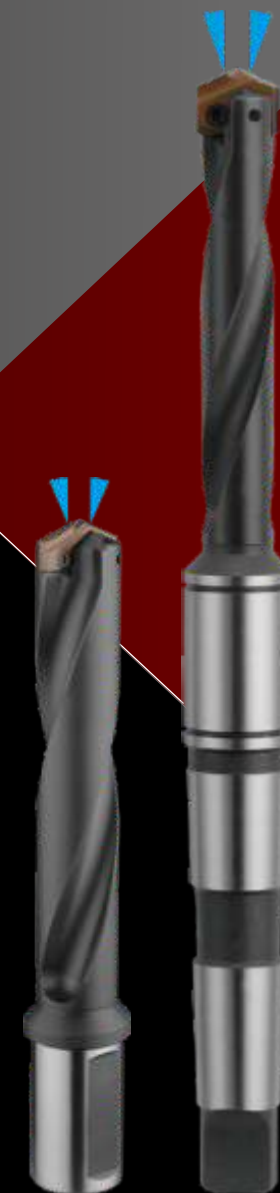
CycleTime Reduced By 16%



Cycle Time Saving



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XRD - RAPID DRILL

Introducing our Rapid Drill Line
(HIGH PERFORMANCE DRILL)

Benefits

- Groundbreaking Modular Indexable insert
- With the SPLIT Replaceable construction, it offers flexible combination options, catering various material.
- Experience the minimized Tool Investment and reduced inventory.

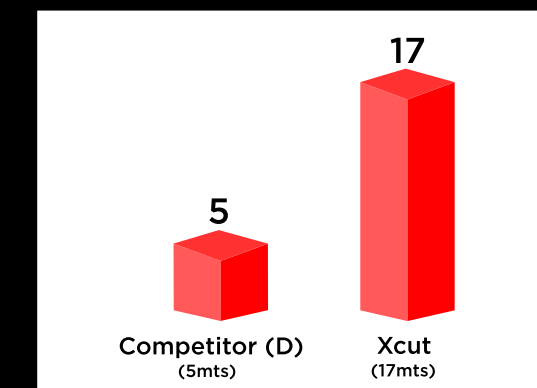
Features

- Insert Size Available: Diameter 10mm - Diameter 40mm
- Drill body length - L/D 3, L/D 5, L/D 8
- Insert compatibility is 0.1mm (e.g. 10.1, 10.2, 10.3mm) / Drill body compatibility 0.5/1mm (e.g. 14.0-14.49mm)
- Insert Grades Available to machine Steel (XT840/XT125C), SS(XT930), Cast Iron (Xt930), Aluminium (XA330)

XRD Case Study

Product Description	XRD-I-1400-XT930(3xD)	
Material & Hardness	CF8M & 32 HRC	
Parameters	Competitor (D)	XCUT
Depth of Cut	27mm	27mm
Vc: m/min	95	65
Fz: mm/tooth	0.08	0.14

Life Increased by By 225%



Tool Life (No. Of Comp)

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