X-PATH® FHS-PRIME

High-performance bi-metal bandsaw blade for cutting steel with a tensile strength over 1400 N/mm²

- LEVEL PRODUCT S
- GEOMETRY FHS
- ≥ 90 mm
- SIZES 41x1,3 - 80x1,6 mm

Characteristics

- Coated bi-metal blade
- Heat resistant PVD edge for fast cutting
- **X-PATH** cutting edge with greater nano-hardness significantly increases blade life
- Sharpley honed **X-PATH** teeth for a refined, smooth finish and extended blade life
- Special FHS tooth setting for reduced cutting forces on difficult materials
- Coated **X-PATH** cutting edge with extra positive rake angle
- Micro-resistant slicing wedge
- **X-PATH** coated edge provides superior hardness, toughness and resistance to wear over the conventional **M42** material
- Allows for a coolant with reduced percentage of emulsion

Applications

- Good cutting ability on corrosion and acid resistant steel
- Good cutting ability on hardened steel with a tensile strength over 1400 N/mm²
- Suitable for variable workloads with mixed materials

Advantages

- Suitable for older machines with lower belt tension
- Suitable when cutting varying sized materials for light industry
- Maximum lifespan as compared to other bi-metal blades

SEKTOR®
CUTTING EXPERT

X-PATH® FHS-PRIME

WIDTH x THICKNESS		TPI (TEETH PER INCH)					
mm	inch	3,0/4	2,0/3	1,4/2	1,1/1,5	0,8/1,3	0,7/1
41x1,3	1-5/8x0,050	HAS	HAS	HAS			
54x1,3	2-1/8x0,050		HAS	HAS			
54x1,6	2-1/8x0,063		HAS	HAS	HAS		
67x1,6	2-5/8x0,063			HAS	HAS	HAS	HAS
80X1,6	3-1/8X0,063			HAS	HAS	HAS	HAS
CONTACT LENGTH		90-150	140-300	250-500	350-750	600-1200	1000-2000

Overview of materials

	X-PATH® FHS-PRIME	X-PATH® SHS-PRIME	X-PATH® THS-PRIME
Construction steel, Automatic steel			
Carbon steel			
Hardened and tempered steel			
Hardened and tempered steel over 1200 N/mm²			
Case hardening steel, harmonic steel			
Bearing steel			
Hot tool steel			
Cold tool steel			
High-speed steel			
Ferritic stainless steel			
Austenitic stainless steel			
Martensitic stainless steel			
Duplex and heat-resistant steel			
Cast iron			
Nickel alloys			
Titanium alloys			
Aluminium			
Copper alloys			
Aluminium bronze			

LEGEND

Recommended Approved Allowed Not Applicable