





X-PATH[®] FHS

High performance bi-metal bandsaw blade for cutting steel with a tensile strength over 1000 N/mm²



-  LEVEL PRODUCT 2
-  GEOMETRY FHS
-  ≥ 90 mm
-  SIZES 27x0,9 - 80x1,6 mm

Characteristics

- Uncoated bi-metal blade
- Sharply honed **X-PATH** teeth for a refined, smooth finish and extended blade life
- Special FHS tooth setting for reduced cutting forces on difficult materials
- **X-PATH** cutting edge with extra positive rake angle
- Micro-resistant slicing wedge
- **X-PATH** edge provides superior hardness, toughness and resistance to wear over the conventional **M42** material

Applications

- Good cutting ability on corrosion and acid resistant steel
- Good cutting ability on hardened steel with tensile strength over 1000 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

X-PATH® FHS

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
27x0,9	1-1/16x0,035	HAS					
34x1,1	1-3/8x0,042	HAS	HAS				
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	X-PATH® SHS	X-PATH® THS
Construction steel, Automatic steel	Allowed	Allowed	Allowed
Carbon steel	Allowed	Allowed	Allowed
Hardened and tempered steel	Approved	Allowed	Recommended
Hardened and tempered steel over 1200 N/mm ²	Approved	Allowed	Recommended
Case hardening steel, harmonic steel	Recommended	Allowed	Approved
Bearing steel	Recommended	Allowed	Approved
Hot tool steel	Approved	Allowed	Recommended
Cold tool steel	Approved	Allowed	Recommended
High-speed steel	Recommended	Allowed	Approved
Ferritic stainless steel	Approved	Approved	Recommended
Austenitic stainless steel	Approved	Allowed	Recommended
Martensitic stainless steel	Approved	Allowed	Recommended
Duplex and heat-resistant steel	Approved	Allowed	Recommended
Cast iron	Approved	Recommended	Allowed
Nickel alloys	Allowed	Not Applicable	Approved
Titanium alloys	Allowed	Not Applicable	Approved
Aluminium	Allowed	Allowed	Approved
Copper alloys	Approved	Recommended	Allowed
Aluminium bronze	Approved	Recommended	Allowed

LEGEND

■ Recommended
 ■ Approved
 ■ Allowed
 ■ Not Applicable