






X-PATH[®] THS

Maximum performance, advanced design bi-metal bandsaw blade for difficult to cut metals with a tensile strength over 1200 N/mm²



-  LEVEL PRODUCT 3
-  GEOMETRY THS
-  ≥ 250 mm
-  SIZES 54x1,6 - 80x1,6 mm
-  HONED

Characteristics

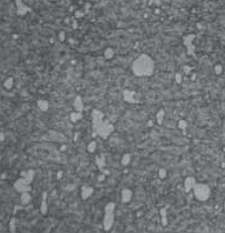
- Trapezoidal shaped scoring teeth for better chip formation and lower cutting resistance
- Uncoated bi-metal blade
- **X-PATH** sharp hone for high surface finish and extended blade life
- Special THS tooth setting for minimum cutting force even on difficult materials
- **X-PATH** cutting edge with 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 steels
- Good cutting capacity on hardened steel with tensile strength over 1200 N/mm²
- Suitable for variable workloads with mixed materials

Advantages

- Suitable application on rigid or rebuilt machines exploiting the cutting capacity of the blade
- Suitable when cutting varying sized materials in mass production
- Maximum cutting efficiency compared to other bi-metal blades



X-PATH® THS
BI-METAL BANDSAW BLADE



X-PATH® THS

WIDTH x THICKNESS

TPI (TEETH PER INCH)

mm	inch	1,4/2	1/1,3	0,8/1,3
54x1,6	2-1/8x0,063	HPS	HPS	HPS
67x1,6	2-5/8x0,063	HPS	HPS	HPS
80x1,6	3-1/8x0,063	HPS	HPS	HPS
CONTACT LENGTH		250-500	400-800	600-1200

Overview of materials

	X-PATH® THS	X-PATH® FHS	X-PATH® SHS
Construction steel, Automatic steel	Green	Green	Green
Carbon steel	Green	Green	Green
Hardened and tempered steel	Yellow	Blue	Green
Hardened and tempered steel over 1200 N/mm ²	Yellow	Blue	Green
Case hardening steel, harmonic steel	Blue	Yellow	Green
Bearing steel	Blue	Yellow	Green
Hot tool steel	Yellow	Blue	Green
Cold tool steel	Yellow	Blue	Green
High-speed steel	Blue	Yellow	Green
Ferritic stainless steel	Yellow	Blue	Blue
Austenitic stainless steel	Yellow	Blue	Green
Martensitic stainless steel	Yellow	Blue	Green
Duplex and heat-resistant steel	Yellow	Blue	Green
Cast iron	Green	Blue	Yellow
Nickel alloys	Blue	Green	Black
Titanium alloys	Blue	Green	Black
Aluminium	Blue	Green	Green
Copper alloys	Green	Blue	Yellow
Aluminium bronze	Green	Blue	Yellow

LEGEND

■ Recommended
 ■ Approved
 ■ Allowed
 ■ Not Applicable