



HSS Bi-Metal Band Saw Blade

Patent pending

DUOS M42

Wear Resistance ★★★★★

Chipping Resistance ★★★★★

Edge material: M42 Cobalt High-Speed Steel

Hardness: Hv 950



Innovative twin set and tooth shape with high/low tooth combination.
Blade used exclusively for light-duty bandsaw that covers a wide range of machinable materials.

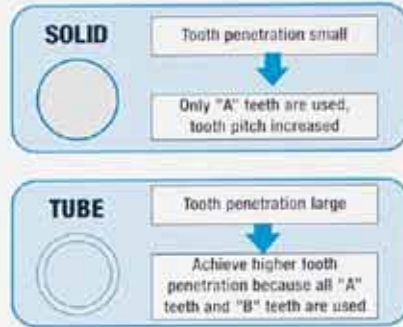
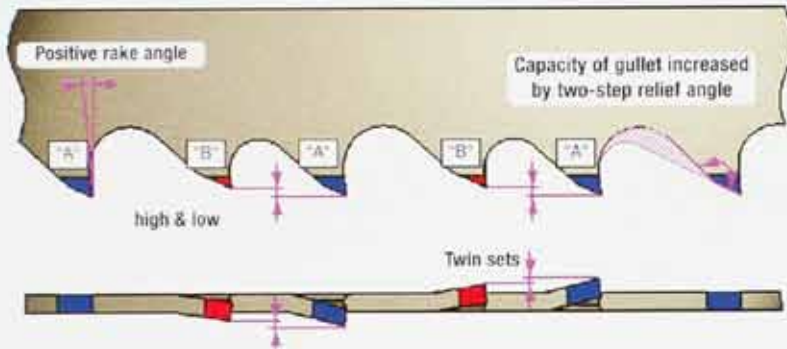
Applicability

Break-in cutting is unnecessary

Tube, Pipe	Light-weight profile steel	Structural Profile	Small diameter solid
A 36 30, 33, 40, 45 50, 55, A, B, C, D A 569	1005 - 1095 1108 - 1215 1330 - 1345 1513 - 1536	1541 - 1572 3115 - 3315 4012 - 4047 4118 - 4161	4320 - 4720 4815 - 4820 5015 - 5150 8115 - 9430
302, 304, 304L, 316, 316L, 321, 347, 410, 430, 444			aluminum and aluminum alloy (1100 - 7075) copper and copper alloy (C10200 - C21000)

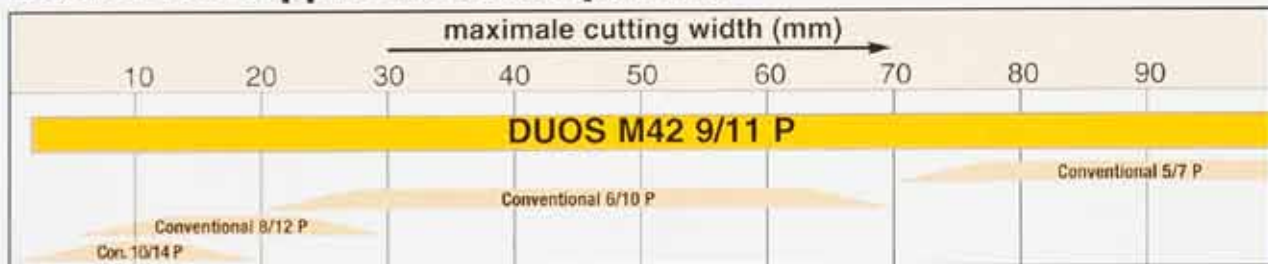
Features

Most steel materials can be cut by just one "DUOS M42 9/11P" with high efficiency, so the operator no longer has to select the correct pitch blade.



- Excessive cutting is controlled because "B" teeth protect "A" teeth due to twin set and high/low tooth combination.
- Cutting performance is enhanced by adopting a positive rake angle.
- Anti-clogging measures include increased gullet capacity by the adoption of a two-step relief angle for the first time with a small pitch blade.
- Special process eliminates the need for break-in-procedure on the "DUOS M42".
- "DUOS M42" is a blade exclusively for use on light duty bandsaws. "DUOS M42" was developed with the main objective of preventing teeth breakage and chipping, as well as expanding the cutting range.

Blade Pitch Application Comparison



Line-up of Products

Band width [mm]	Band thickness [mm]	Pitch
13 [*]	0.64	○
20	0.9	●
27	0.9	●

*only available in 100m coil

Note) Product line-up of "DUOS M42" is limited to comparatively small pitches considering frequency of use. Please use "PROTECTOR M42" 4/6P or 3/4P when a machinable material is not applicable.

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