

SLITTING BLADES FOR FILM & FOIL CONVERTERS

Three-hole blade square corners (44 x 22mm)

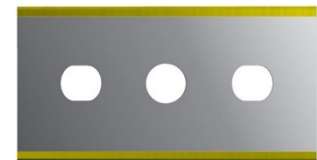
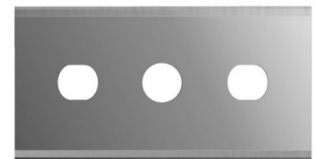
Square corners	Code	Box qty
Uncoated 0.15mm thick	B202 521 J03	1,250
Uncoated 0.20mm thick	B202 502 J03	250
Uncoated 0.30mm thick	B202 506 J03	220

TiN coated 0.15mm thick	B202 818 M08	100
TiN coated 0.20mm thick	B202 804 L02	200
TiN coated 0.30mm thick	B202 815 L02	100

Ceramic coated 0.20mm thick	B202 902 S24	100
Ceramic coated 0.30mm thick	B202 952 S24	100

Solid tungsten carbide 0.30mm thick	B202 822 B11	1
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Solid ceramic 0.30mm thick	B202 824 B11	1
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Three-hole blade round corners (44 x 22mm)

Round corners	Code	Box qty
Uncoated 0.15mm thick	B202 010 S01	200
Uncoated 0.20mm thick	B202 002 J03	250
Uncoated 0.30mm thick	B202 007 M11	80
Uncoated 0.40mm thick	B202 004 M11	250

TiN coated 0.15mm thick	B202 803 L02	250
TiN coated 0.20mm thick	B202 810 S01	200
TiN coated 0.30mm thick	B202 806 L02	100

Ceramic coated 0.20mm thick	B202 813 S24	100
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Slotted blade round corners double (57 x 19 x 0.38mm)

Round corners (double edge)	Code	Box qty
Uncoated	B101 014 A01	500



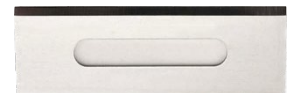
Slotted blade square corners double (57 x 19 x 0.38mm)

Square corners (double edge)	Code	Box qty
Uncoated	B103 004 A01	100
TiN coated	B103 610 I30	100
Ceramic coated	B103 611 B10	100
Solid tungsten carbide	B103 602 B11	1
Solid ceramic	B103 605 B11	1



Slotted blade square corners single (57 x 19 x 0.38mm)

Square corners (single edge)	Code	Box qty
Uncoated	B104 501 A01	500



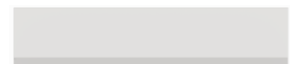
Injector blade two slot (38 x 8 x 0.25mm)

Two slot blade	Code	Box qty
Uncoated	B203 003 A01	1,000
TiN coated	B203 605 I30	150
Ceramic coated	B203 611 I30	1,000
Endurium coated	B203 622 S24	100



Injector blade no slot (38 x 8 x 0.25mm)

No slot blade	Code	Box qty
Solid tungsten carbide	B203 602 S24	1
Solid ceramic	B203 610 B11	1



COATINGS OVERVIEW

Lifetime compared to standard steel

Carbon steel TiN coated

Industrial blades offering a low-cost improvement to the original steel blade with small improvement to life and friction.

x 4

Carbon steel ceramic coated

Industrial blades offering a reasonable improvement in both cut quality, blade life and friction at a modest price and retaining the flexibility of an original carbon steel blade.

x 8

Endurium coated

Industrial blades, produced from CrW (chromium tungsten) alloy, seriously out-perform any other 'steel' blade on the market. This translates to a 25% cost advantage, but more importantly, the frequency of blade replacement drops by a factor of four. Less money spent on blades, less machine down-time and less scrap produced gives a supreme saving. Furthermore, the flexibility of the alloy substrate, with its fine ceramic coating, gives maximum fracture resistance even at 62 Rc hardness.

x 16

Solid Tungsten carbide

Has only marginally lower life expectancy and cost than ceramic blades (approx. 15 to 20% on both points). However, the fracture resistance is much improved and is often used to replace ceramic in more demanding situations - short run, stop start operations or on older machines where uniformity of roll is not guaranteed. COF only moderately higher than that of ceramic, good corrosion resistance, less likely to break in demanding situations. Carbide is a tungsten carbide/cobalt powder material (WC/Co) Rockwell hardness HRC 80, fracture resistance good.

x 80

Solid ceramic

By far the best performance of any slitting blade with excellent life expectancy, insignificant coefficient of friction and therefore superior slit quality. Furthermore, we only use HIP-treated ceramic (hot isostatic pressed) so our blades offer much improved hardness and fracture resistance when compared to cheaper ceramic blades. Frequency of blade replacement drops by a factor of 25, resulting in reduced handling, down-time and scrap production. Chemically inert, ie. does not corrode, which makes it ideal for clean room use. Has the lowest coefficient of friction (COF) of all industrial blades giving a cleaner slit edge and minimal heat generation. Ceramic essentially consists of zirconia (ZrO₂) - Rockwell hardness HRC 75, fracture resistance low.

x 100