

## CIRCULAR KNIVES. BOTTOM KNIVES.

Type UN-BS (plain bore / cutting on both sides),  
UN-BS-HM (plain bore / tungsten carbide cutting edge on both sides),  
UN-ES-HM (plain bore / tungsten carbide cutting edge on one side)

Outer-Ø (d1) mm	Inner-Ø (d2) mm
105	60 / 80 / 90
130	90 / 100
150	120
180	150
200	138 / 144 / 150
240	140 / 188
250	140 / 188
300	250

Standard thickness (S): 15 / 20 / 25 mm

Standard cutting angle: 3° ( $\alpha$ )

Other dimensions and materials on request.

### Standard materials:

chrome alloyed (1.5 % Cr), high chrome alloyed (12 % Cr), powder metallurgical high-speed steel as well as tungsten carbide tipped cutting edges

### Benefits:

- ! highest slitting performance due to optimised surface quality
- ! exact manufacturing tolerances
- ! suitable for high slitting speeds
- ! different bore pitch circles for the fitting of bottom knife motors
- ! DIENES precision grinding "CONTROLLEUR"
- ! Designs with single or double-sided cutting edge arrangements
- ! usable for different machine types
- ! regrindable in manufacturer quality

DIENES also manufactures suitable top knives, knife holders as well as manual, semi-automatic and automatic slitting systems.

