

# KNIFE HOLDER.

## SHEAR CUT KNIFE HOLDER.

### Type DS 8 (easy change)

Minimum cutting width	145 mm
Knife diameter (outside)	200 mm
Knife diameter (inside)	90 mm
Vertical stroke	50 mm
Horizontal stroke	6 mm
Cutting pressure	30–130 N
Depth adjustment	via drag ring
Speed	max. 3.000 m/min.
Shear angle adjustment	via angle plate
360° Safety hand protection	yes
Air connection	simple, optional: dual
Adjusting slide	optional*
Stainless	yes
Cover and suction hood for optional* dust exhaustion	optional*
Lubricating felt	optional*

### Special designs and features on request.

#### Classic areas of application:

- Aluminium foil
  Plastic
  Adhesive tape / lables
  Packaging
- Cable / Litho tape
  Paper
  Nonwoven
  etc.

#### The advantages at a glance:

- Knife head for tool-free knife change, thus: shorter set-up times, positive locking of the ring nut (easy change), screws and tools cannot fall into the machine (as possible with conventional systems)
- with locking pin to prevent the knife carrier from twisting when changing knives (reduces the risk of accidents)
- high safety standard thanks to 360° safety hand protection (DBGM)
- with patented double-axe guidance (DBP) to ensure precise and backlash-free vertical strokes
- manual depth adjustment, can be set via adjusting nut and scale ring / drag ring (0,1mm steps) for exact setting of the overlap depth
- optimum cutting edge quality even with demanding material and high cutting speeds
- knife head alignment (right/left) freely selectable via changeable cams

#### Accessories:

- Top knife of the dimension (Ø200 x Ø90 x s mm)
- Shear angle plate (DBGM) for precise adjustment of shear angle (18°, 30°, 45°)

\*Optional attachments are conditionally retrofittable.

**DIENES also manufactures the top and bottom knives required for shear cutting as well as manual, semi-automatic and automatic slitting systems.**

