

INNOVATION.  
SLITTING TECH  
AND VALVES.  
PRECISION.

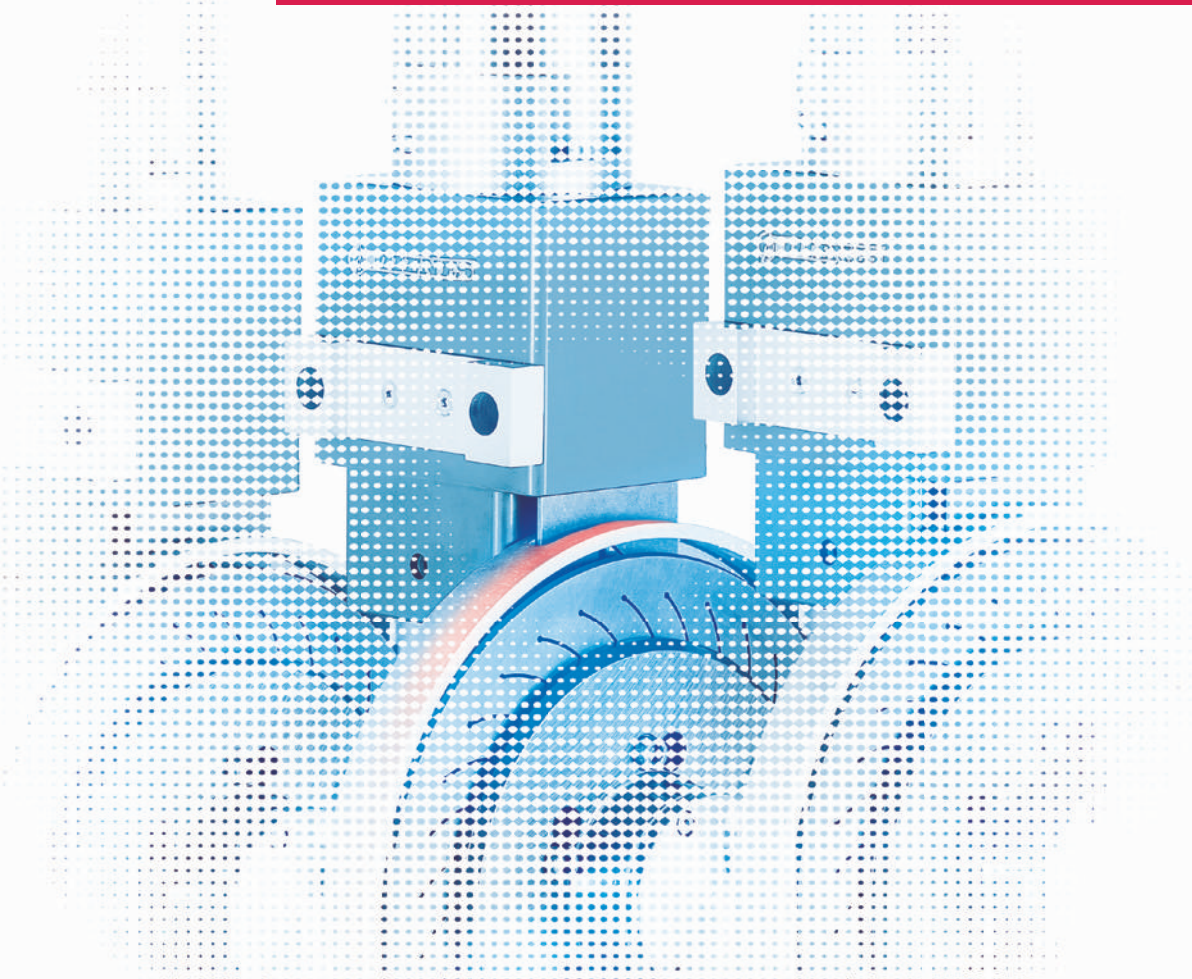


# APPLYING. STABILITY.

THE DIENES DS 8 KNIFE HOLDER.

**NEW**

SUITED BEST FOR STRONG MATERIALS, HIGHEST  
FLEXIBILITY AND STABILITY, LIFTING RING DEPTH  
ADJUSTMENT VIA SCALE AND MANY MORE



# FLEXIBLE ADJUSTMENT.

The innovative pneumatic shear cut knife holder DS 8 is the product of 100 years experience and innovative thinking at DIENES. The all-rounder impresses with very high stability and service life, a cutting width from 100 mm and speed of up to 3,000 m/min. It is usable in both directions and thus ensures maximum flexibility. With its highly precise and comfortable depth adjustment as well as sophisticated knife head setting, it also proves its worth when used with very thick foil and types of paper as well as other materials.



The lifting ring depth adjustment of the DS 8 knife holder

The pneumatic shear cut knife holder DS 8 from DIENES with its double axle control represents **highest stability**, also when machining very thick foil and types of paper. The knife head can be used **flexibly** and comfortably for **the left and right hand version**. The **lifting ring depth adjustment via scale** ensures **optimum adjustment of the zero point** individually for each knife. This

way, following a regrinding or cleaning, the desired point can be reset again at any time without complex adjustments to prevent time- and quality-related losses. The top knife of the DS 8 holder can be positioned accurately and securely to the bottom knife with the **patented adjusting slide**. Furthermore, the knife holder is **particularly corrosion-resistant**.

The **QR codes** which are attached to each DS 8 holder were also developed with a view to the future. With these codes, the user can quickly access the **online service page** which provides information about spare parts, order numbers, documentation and knives that can be used in the DS 8 and gives direct access to the time- and cost-saving DIENES regrinding service.

The **DS 8** is supplied by DIENES as **L- and H-version**. Compared to the DS 8-L, the DS 8-H has an **even larger cutting pressure (30–130 N)** as well as **higher speed (3,000 m/min)** and is suited to **cutting widths from 145 mm**.

	DS 8-L	DS 8-H
Depth adjustment	via lifting ring	via lifting ring
Speed	2,000 m/min	3,000 m/min
Cutting width	from 100 mm	from 145 mm
Knife diameter outside	200 mm optional: 180 mm	200 mm optional: 180 mm
Knife diameter inside	65 mm and 90 mm optional: 70 mm	65 mm and 90 mm optional: 70 mm
Shear angle settings	yes (rear)	yes (rear)
Vertical stroke	50 mm	50 mm
Horizontal stroke	3 mm	6 mm
Cutting pressure	10–100 N	30–130 N
360° guard	yes	yes
Compressed air connector	single optional: dual	single optional: dual
Adjusting slide	optional	optional
Rust-free	yes	yes
Cover and extractor hood for dust extraction	optional	optional
Lubricating felt	optional	optional

# OPTIMUM STABILITY.

## Depth adjustment

Lifting ring with scale ensures optimum adjustment of the zero point

## Anodisation

Holder's body is particularly corrosion-resistant

## Flexibility

The knife head can be used for the left and right hand version

## 360° guard

Protection during production and safe handling during maintenance and knife exchange

## Variability

Knives of different diameters (inside 65, 90 optional 70 mm, outside 200 optional 180 mm) usable

**Speed up to  
3,000 m/min**

## Benefits at a glance:

- Application range: Slitter winder and cross cutter
- Also suitable for very thick foil and types of paper as well as other materials
- Knife positioning left and right
- Depth adjustment via lifting ring scale, 0.1 mm increments

## QR code

to online service page with documentation, spare parts lists, operating manuals etc.

## Economic attractiveness

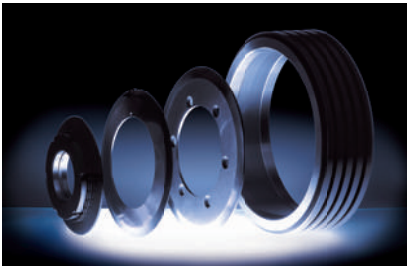
Compatibility, flexibility and longevity thanks to extremely sturdy design

## Integrated patented adjusting slide

Precise and reproducible positioning of the holder towards the bottom knife



# DISCOVER. ACUTENESS.



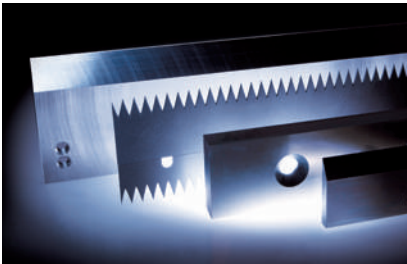
Thanks to our long-standing experience, in the past 100 years we have developed a unique sense of acuteness, from which our discerning customers benefit worldwide every day. Our comprehensive product range of industrial knives, knife holders and slitting systems has been well thought out down to the smallest detail and with great insight, and impresses with absolute precision as well as long-lasting quality and innovative technology.

## **| circular knives**

top knives, bottom knives, rotary shear knives and accessories

You can also take advantage of our acuteness to ensure efficiency of your production. We would be pleased to provide you with more detailed information about the other innovative DIENES products.

**Call us on: +49 2206 605-0 or send an e-mail to: [sales@dienes.de](mailto:sales@dienes.de)**



## **| straight knives**

paper cutting knives, shear knives and guide bars

## **| knife holders**

heat cut holders, crush cut, razor blade cut or shear cut knife holders



## **| slitting systems**

manual, semi-automatic and automatic systems

## **| service**

from close customer support and regrinding service up to the slitting laboratory

### **New acuteness & precision:**

The regrinding service for circular, straight and rotary shear knives at certified manufacturer quality.

**service line +49 2206 605-506**

**[www.messerservice.de](http://www.messerservice.de)**