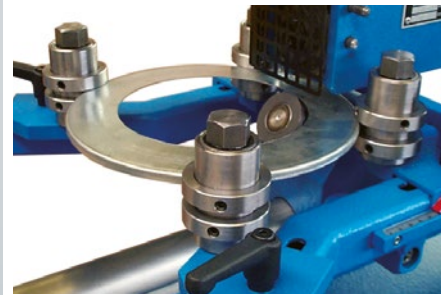


# Circular Shears

KS 8-10 - KSE 8-12

.. CUTTING  
.. FLANGING

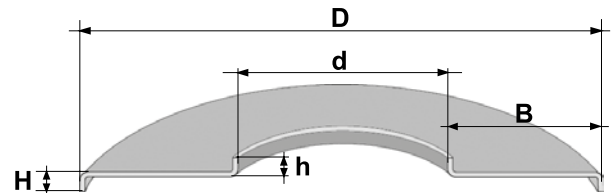


## Design features

- Steel casting machine body KS(E) 8-10  
Steel frame machine body KS(E) 12
- Guide bars manufactured in stainless steel
- Manual adjustable centering unit with scale for tube diameters on the upper guide bar.
- Manual infeed of the upper cutting roll by handwheel
- Manual tensioning of the workpiece
- Single stage, optional double stage, or infinitely variable motor drive of the cutting rolls
- Inclusive 1 pair of knives for normal steel-/stainless steel
- Changeable clamping plates with centering spike
- Simple manual adjustment of the cutting gap by screw socket with scale

## Special equipment

- Subframe, coated in machine colour
- Flanging device for internal- and external flange
- Pneumatically clamping of the work piece
- Workpiece downholder, manual or pneumatic
- Motor Infeed of the upper cutting roll
- Sheet stop with scale in X/Y axis
- Additional clamping plate instead of the centring spike
- Special design of the knife body or the guiding bars on demand



## Technical data

| Model                            |                                  |       | KS 8/10         | KS 10/10        | KS 10/15        | KSE 8/10        | KSE 10/10       | KSE 10/15       | KSE 12/10       |
|----------------------------------|----------------------------------|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Sheet thickness                  | 400 N/mm <sup>2</sup>            | mm    | 1,0             | 1,5             | 1,5             | 1,0             | 1,5             | 1,5             | 2,0             |
|                                  | 700 N/mm <sup>2</sup>            | mm    | 0,7             | 1,2             | 1,2             | 0,7             | 1,2             | 1,2             | 1,7             |
| Circ.Blank-Ø min.                |                                  | mm    | 40              | 60              | 60              | 40              | 60              | 60              | 70              |
|                                  | Circ.Blank-Ø max. 4-corner sheet | mm    | 1000            | 1000            | 1300            | 1000            | 1000            | 1300            | 1000            |
|                                  | 8-corner sheet                   | mm    | 1000            | 1000            | 1500            | 1000            | 1000            | 1500            | 1000            |
| Jaw capacity of knife body       |                                  | mm    | 280             | 280             | 280             | 280             | 280             | 280             | 280             |
| Jaw capacity of guide strap      |                                  | mm    | 500             | 500             | 750             | 500             | 500             | 750             | 500             |
| External flanging                | D min                            | mm    | 100             | 100             | 100             | 100             | 100             | 100             | 100             |
|                                  | D max                            | mm    | 980             | 970             | 1470            | 980             | 970             | 1470            | 970             |
|                                  | H max                            | mm    | 6               | 8               | 8               | 6               | 8               | 8               | 10              |
| External-/Internal flanging      | D max                            | mm    | 600             | 600             | 600             | 600             | 600             | 600             | 600             |
|                                  | H max                            | mm    | 6               | 8               | 8               | 6               | 8               | 8               | 10              |
|                                  | d min                            | mm    | 100             | 100             | 100             | 100             | 100             | 100             | 100             |
|                                  | d Max                            | mm    | 540             | 540             | 540             | 540             | 540             | 540             | 540             |
|                                  | h Max                            | mm    | 6               | 8               | 8               | 6               | 8               | 8               | 10              |
|                                  | B min                            | mm    | 30              | 30              | 30              | 30              | 30              | 30              | 30              |
|                                  |                                  | mm    |                 |                 |                 |                 |                 |                 |                 |
| Work speed                       | 1-stage                          | m/min | ---             | ---             | ---             | 30              | 30              | 30              | 30              |
|                                  | 2-stage                          | m/min | ---             | ---             | ---             | 18 / 36         | 18 / 36         | 18 / 36         | 18 / 36         |
|                                  | infinitely variable              | m/min | ---             | ---             | ---             | 0 - 30          | 0 - 30          | 0 - 30          | 0 - 30          |
| Motor power                      | 1-stage/infinit-var.             | kW    | ---             | ---             | ---             | 0,37            | 0,37            | 0,37            | 0,37            |
|                                  | 2-stage                          | kW    | ---             | ---             | ---             | 0,3 / 0,45      | 0,3 / 0,45      | 0,3 / 0,45      | 0,3 / 0,45      |
| Weight without/with underframe   |                                  | kg    | 70 / 90         | 70 / 90         | 80 / 100        | 100 / 120       | 100 / 120       | 110 / 130       | 160 / 200       |
| Size with underframe (L x W x H) |                                  | m     | 1,2 x 0,3 x 1,5 | 1,2 x 0,3 x 1,5 | 1,5 x 0,3 x 1,5 | 1,2 x 0,3 x 1,5 | 1,2 x 0,3 x 1,5 | 1,5 x 0,3 x 1,5 | 1,2 x 0,3 x 1,5 |

Further models and versions available on request!

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**Prinzing**  
— MASCHINENBAU —

Peter Prinzing GmbH, Maschinenbau  
Siechenlach 2  
89173 Lonsee-Urspring (Germany)

Telefon: +49 7336 96100  
Telefax: +49 7336 9610-50  
E-Mail: [info@prinzing.eu](mailto:info@prinzing.eu)