

# FOUNDRI GATING SYSTEM

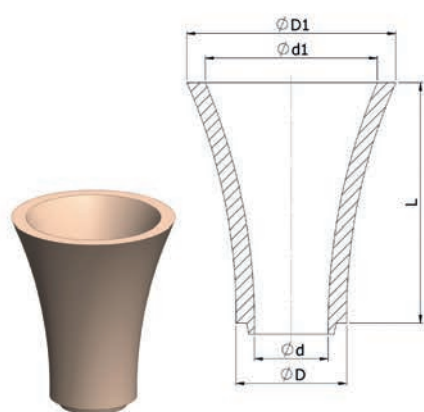
GIESSEREI-EINGUSS-SYSTEM

ЛИТЕЙНАЯ ЛИТНИКОВАЯ СИСТЕМА

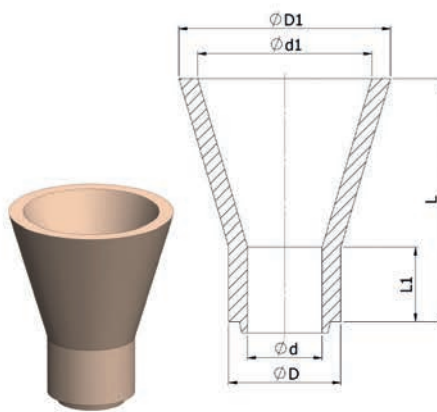
SLÉVÁRENSKÝ LICÍ SYSTÉM



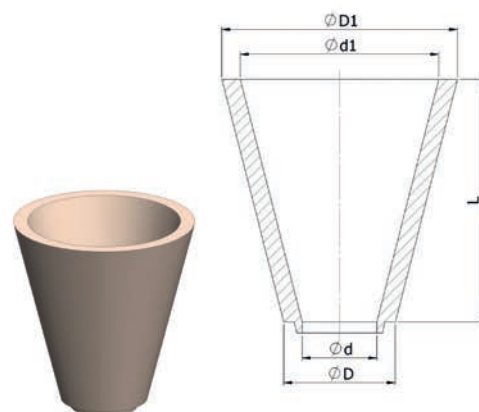
- 5 FUNNELS  
EINGUSSTRICHTER | ЗАЛИВОЧНЫЕ ВОРОНКИ | NÁLEVKY
- 6-7 TUBES  
ROHRE | ТРУБКИ ПРЯМЫЕ | TRUBKY
- 8 WHIRL GATE  
WIRBELTRICHTER | ЦЕНТРОБЕЖНЫЙ ШЛАКОУЛОВИТЕЛЬ | ODSTRUSKOVÁK
- 8 SLAG TRAP END TUBE  
SCHLACKENFANGENDSTÜCK | КОНЦЕВОЙ ШЛАКОУЛОВИТЕЛЬ | KONCOVÝ ODSTRUSKOVÁK
- 9 REDUCERS  
REDUZIERSTÜCKE | ТРУБКИ С СУЖЕНИЕМ | REDUKCE
- 9 EXPANSIONS  
ERWEITERUNGSSTÜCKE | ТРУБКИ С РАСШИРЕНИЕМ | EXPANSE
- 10 ELBOWS  
KRÜMMER | КОЛЕНА | KOLENA
- 11 L-PIECES  
L-STÜCKE | L-ШТУКИ | L-KUSY
- 11-12 T-PIECES  
T-STÜCKE | T-ШТУКИ | T-KUSY
- 13 X-PIECES  
KREUZ-VERTEILER | X-ШТУКИ | X-KUSY
- 13 KINGBRICK  
KÖNIGSTEINE | ЗВЕЗДОЧКА | HVĚZDICE
- 14-18 INGATES  
ANSCHNITTSTEINE | ПИТАТЕЛИ | ZÁŘEZY
- 18 MALE-FEMALE SYSTEM  
SYSTEM NUT-FEDER | ВЫСТУП-ПАЗ СОПРЯЖЕНИЕ | SYSTÉM PÉRO - DRÁŽKA



MODEL 1



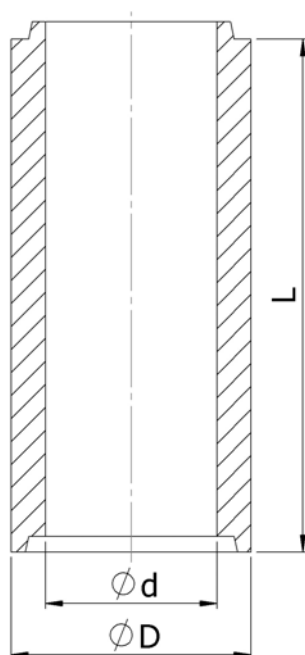
MODEL 2



MODEL 3

| type<br>Тип<br>тип | model<br>Modell<br>модель | d<br>(mm)<br>(mm) | D<br>(mm)<br>(mm) | d1<br>(mm)<br>(mm) | D1<br>(mm)<br>(mm) | L1<br>(mm)<br>(mm) | L<br>(mm)<br>(mm) |
|--------------------|---------------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-------------------|
| ET30/110/145       | 1                         | 30                | 55                | 110                | 134                | -                  | 145               |
| ET40/100/145       | 2                         | 40                | 65                | 100                | 130                | 50                 | 145               |
| ET40/100/195       | 1                         | 40                | 65                | 100                | 130                | -                  | 195               |
| ET40/100/245       | 2                         | 40                | 65                | 100                | 130                | 140                | 245               |
| ET40/125/245       | 1                         | 40                | 75                | 125                | 150                | -                  | 245               |
| ET40/130/195       | 1                         | 40                | 65                | 130                | 150                | -                  | 195               |
| TR40/163/30        | 2                         | 40                | 70                | 134                | 160                | 30                 | 193               |
| ET50/90/195        | 2                         | 50                | 75                | 90                 | 114                | 80                 | 195               |
| ET50/90/245        | 2                         | 50                | 75                | 90                 | 114                | 130                | 245               |
| ET50/90/295        | 2                         | 50                | 75                | 90                 | 114                | 180                | 295               |
| ET50/100/95        | 1                         | 50                | 75                | 100                | 130                | -                  | 95                |
| ET50/100/145       | 1                         | 50                | 75                | 100                | 130                | -                  | 145               |
| ET50/100/195       | 1                         | 50                | 75                | 100                | 130                | -                  | 195               |
| TR50/120/20        | 2                         | 50                | 75                | 110                | 134                | 20                 | 140               |
| TR50/170/20        | 2                         | 50                | 75                | 120                | 145                | 20                 | 190               |
| TR50/170/70        | 2                         | 50                | 75                | 120                | 145                | 70                 | 240               |
| ET50/125/195       | 2                         | 50                | 75                | 125                | 149                | 10                 | 195               |
| ET50/125/225       | 2                         | 50                | 75                | 125                | 149                | 40                 | 225               |
| ET50/125/245       | 2                         | 50                | 75                | 125                | 149                | 60                 | 245               |
| ET50/125/295       | 2                         | 50                | 75                | 125                | 149                | 110                | 295               |
| ET50/140/150       | 1                         | 50                | 75                | 140                | 170                | -                  | 150               |
| ET50/140/195       | 1                         | 50                | 75                | 140                | 170                | -                  | 195               |
| ET50/140/245       | 1                         | 50                | 75                | 140                | 170                | -                  | 245               |
| ET50/140/285       | 1                         | 50                | 75                | 140                | 170                | -                  | 285               |
| TR60/120/20        | 2                         | 60                | 90                | 110                | 140                | 20                 | 140               |
| TR60/100/180       | 2                         | 60                | 90                | 110                | 140                | 180                | 280               |
| ET60/120/195       | 1                         | 60                | 84                | 120                | 150                | -                  | 195               |
| ET60/120/215       | 1                         | 60                | 84                | 120                | 150                | -                  | 215               |
| ET60/120/240       | 1                         | 60                | 84                | 120                | 150                | -                  | 240               |
| ET60/120/295       | 1                         | 60                | 84                | 120                | 150                | -                  | 295               |
| TR60/135/60        | 2                         | 60                | 90                | 140                | 170                | 60                 | 195               |

| type<br>Тип<br>тип | model<br>Modell<br>модель | d<br>(mm)<br>(mm) | D<br>(mm)<br>(mm) | d1<br>(mm)<br>(mm) | D1<br>(mm)<br>(mm) | L1<br>(mm)<br>(mm) | L<br>(mm)<br>(mm) |
|--------------------|---------------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-------------------|
| ET60/145/160       | 2                         | 60                | 90                | 145                | 175                | 10                 | 160               |
| ET60/145/295       | 2                         | 60                | 90                | 145                | 175                | 145                | 295               |
| ET60/145/330       | 2                         | 60                | 90                | 145                | 175                | 180                | 330               |
| ET60/150/195       | 2                         | 60                | 90                | 150                | 180                | 25                 | 195               |
| ET60/150/245       | 2                         | 60                | 90                | 150                | 180                | 75                 | 245               |
| TR60/170/220       | 2                         | 60                | 90                | 150                | 180                | 220                | 390               |
| TR60/200/20        | 2                         | 60                | 90                | 180                | 210                | 20                 | 220               |
| ET60/200/190       | 3                         | 60                | 95                | 200                | 240                | -                  | 190               |
| ET70/155/150       | 2                         | 70                | 100               | 155                | 185                | 30                 | 150               |
| ET70/155/195       | 2                         | 70                | 100               | 155                | 185                | 75                 | 195               |
| ET70/155/245       | 2                         | 70                | 100               | 155                | 185                | 125                | 245               |
| ET70/190/220       | 2                         | 70                | 100               | 190                | 220                | 20                 | 220               |
| TR70/200/20        | 2                         | 70                | 100               | 190                | 220                | 20                 | 220               |
| TR80/170/25        | 2                         | 80                | 115               | 160                | 200                | 25                 | 195               |
| ET80/200/200       | 2                         | 80                | 120               | 200                | 230                | 25                 | 200               |
| ET80/200/240       | 2                         | 80                | 120               | 200                | 230                | 65                 | 240               |
| TR80/250/30        | 2                         | 80                | 115               | 225                | 265                | 30                 | 280               |
| TR100/170/30       | 2                         | 100               | 140               | 190                | 230                | 30                 | 200               |
| TR100/250/30       | 2                         | 100               | 140               | 225                | 265                | 30                 | 280               |
| TV100/230          | 3                         | 100               | 140               | 250                | 300                | -                  | 230               |
| ET100/270/220      | 2                         | 100               | 160               | 270                | 320                | 45                 | 220               |
| TV100/300          | 3                         | 100               | 150               | 300                | 350                | -                  | 300               |
| TR120/170/30       | 2                         | 120               | 160               | 210                | 250                | 30                 | 200               |
| TR120/250/30       | 2                         | 120               | 165               | 225                | 265                | 30                 | 280               |
| ET120/240/250      | 1                         | 120               | 165               | 240                | 280                | -                  | 250               |
| TV120/280          | 2                         | 120               | 160               | 240                | 280                | -                  | 280               |
| TV120/300          | 3                         | 120               | 160               | 280                | 316,5              | -                  | 220               |
| TV120/200          | 3                         | 120               | 160               | 305                | 350                | -                  | 200               |
| TV140/200          | 3                         | 140               | 180               | 305                | 350                | -                  | 200               |
| TV150/350          | 3                         | 150               | 200               | 300                | 350                | -                  | 350               |



| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| R30/50             | 30                | 55                | 50                |
| R30/100            |                   |                   | 100               |
| R30/150            |                   |                   | 150               |
| R30/200            |                   |                   | 200               |
| R30/250            |                   |                   | 250               |
| R30/300            |                   |                   | 300               |
| R40/50             | 40                | 65                | 50                |
| R40/100            |                   |                   | 100               |
| R40/150            |                   |                   | 150               |
| R40/200            |                   |                   | 200               |
| R40/250            |                   |                   | 250               |
| R40/300            |                   |                   | 300               |
| R50/50             | 50                | 75                | 50                |
| R50/100            |                   |                   | 100               |
| R50/150            |                   |                   | 150               |
| R50/200            |                   |                   | 200               |
| R50/250            |                   |                   | 250               |
| R50/300            |                   |                   | 300               |
| R60/50             | 60                | 90                | 50                |
| R60/100            |                   |                   | 100               |
| R60/150            |                   |                   | 150               |
| R60/200            |                   |                   | 200               |
| R60/250            |                   |                   | 250               |
| R60/300            |                   |                   | 300               |
| R70/50             | 70                | 100               | 50                |
| R70/100            |                   |                   | 100               |
| R70/150            |                   |                   | 150               |
| R70/200            |                   |                   | 200               |
| R70/250            |                   |                   | 250               |
| R70/300            |                   |                   | 300               |

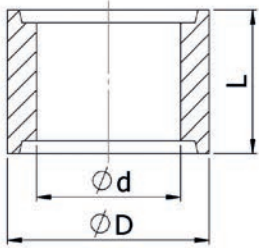
| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| R80/50             | 80                | 115               | 50                |
| R80/100            |                   |                   | 100               |
| R80/150            |                   |                   | 150               |
| R80/200            |                   |                   | 200               |
| R80/250            |                   |                   | 250               |
| R80/300            |                   |                   | 300               |
| R100/50            | 100               | 140               | 50                |
| R100/100           |                   |                   | 100               |
| R100/150           |                   |                   | 150               |
| R100/200           |                   |                   | 200               |
| R100/250           |                   |                   | 250               |
| R100/300           |                   |                   | 300               |
| R120/50            | 120               | 165               | 50                |
| R120/100           |                   |                   | 100               |
| R120/150           |                   |                   | 150               |
| R120/200           |                   |                   | 200               |
| R120/250           |                   |                   | 250               |
| R120/300           |                   |                   | 300               |
| R140/50            | 140               | 180               | 50                |
| R140/100           |                   |                   | 100               |
| R140/150           |                   |                   | 150               |
| R140/200           |                   |                   | 200               |
| R140/250           |                   |                   | 250               |
| R140/300           |                   |                   | 300               |
| R150/50            | 150               | 200               | 50                |
| R150/100           |                   |                   | 100               |
| R150/150           |                   |                   | 150               |
| R150/200           |                   |                   | 200               |
| R150/250           |                   |                   | 250               |
| R150/300           |                   |                   | 300               |
| R180/200           | 180               | 240               | 200               |
| R180/300           |                   |                   | 300               |
| R200/300           | 200               | 240               | 300               |

Apart from our standard tubes, other lengths can be manufactured by agreement.

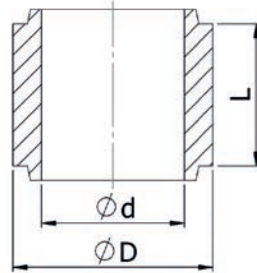
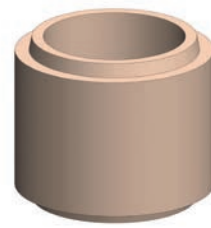
Außer den Standardlängen sind die Rohre auch in Zwischenlängen herstellbar.

Помимо стандартных длин мы можем изготовить трубы с длиной по требованию заказчика.

Jiné délky trubek jsou dostupné na vyžádání.

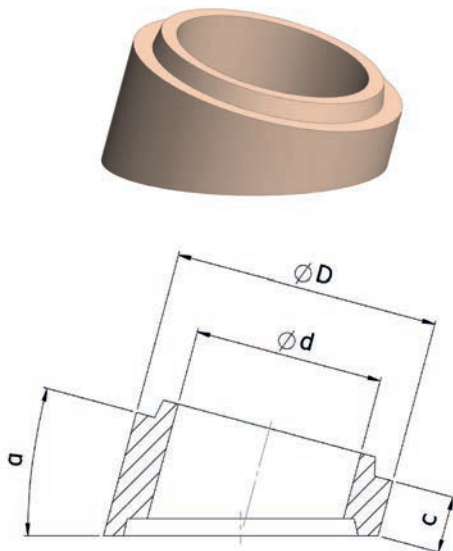


| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| R30/30NN           | 30                | 55                | 30                |
| R30/50NN           | 30                | 55                | 50                |
| R40/30NN           | 40                | 65                | 30                |
| R50/30NN           | 40                | 65                | 50                |
| R50/30NN           | 50                | 75                | 30                |
| R50/50NN           | 50                | 75                | 50                |
| R60/30NN           | 60                | 90                | 30                |
| R50/50NN           | 60                | 90                | 50                |
| R70/30NN           | 70                | 100               | 30                |
| R70/50NN           | 70                | 100               | 50                |
| R80/30NN           | 80                | 115               | 30                |
| R80/50NN           | 80                | 115               | 50                |
| R100/30NN          | 100               | 140               | 30                |
| R100/50NN          | 100               | 140               | 50                |
| R100/100NN         | 100               | 140               | 100               |
| R120/30NN          | 120               | 165               | 30                |
| R120/50NN          | 120               | 165               | 50                |
| R120/100NN         | 120               | 165               | 100               |
| R140/50NN          | 140               | 180               | 50                |
| R140/100NN         | 140               | 180               | 100               |
| R150/50NN          | 150               | 200               | 50                |
| R150/100NN         | 150               | 200               | 100               |

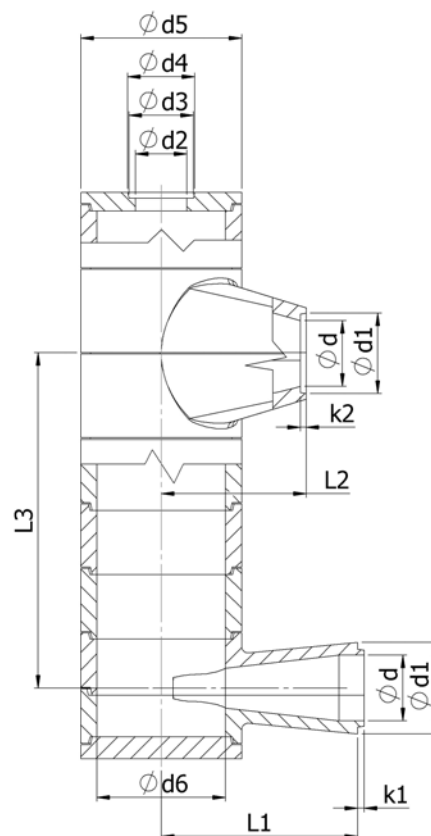
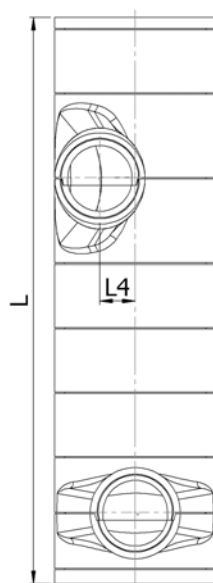
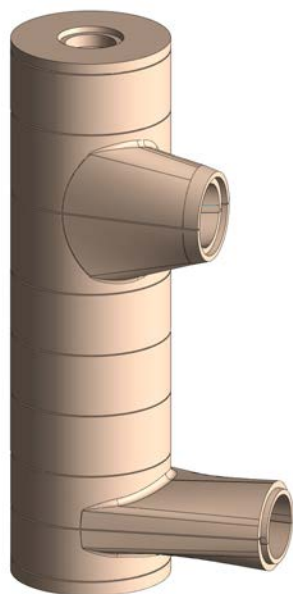


| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| R30/30FF           | 30                | 55                | 30                |
| R30/50FF           | 30                | 55                | 50                |
| R40/30FF           | 40                | 65                | 30                |
| R40/50FF           | 40                | 65                | 50                |
| R50/30FF           | 50                | 75                | 30                |
| R50/50FF           | 50                | 75                | 50                |
| R60/30FF           | 60                | 90                | 30                |
| R60/50FF           | 60                | 90                | 50                |
| R70/30FF           | 70                | 100               | 30                |
| R70/50FF           | 70                | 100               | 50                |
| R80/30FF           | 80                | 115               | 30                |
| R80/50FF           | 80                | 115               | 50                |
| R100/30FF          | 100               | 140               | 30                |
| R100/50FF          | 100               | 140               | 50                |
| R100/100FF         | 100               | 140               | 100               |
| R120/50FF          | 120               | 165               | 50                |
| R120/100FF         | 120               | 165               | 100               |
| R140/50FF          | 140               | 180               | 50                |
| R140/100FF         | 140               | 180               | 100               |
| R150/50FF          | 150               | 200               | 50                |
| R150/100FF         | 150               | 200               | 100               |

RING RUNNER ANGLE TUBES RWR  
WINKELAUFRÖHRE RWR | УГЛОВЫЕ ТРУБКИ RWR | TRUBKY ZKOSENÉ RWR



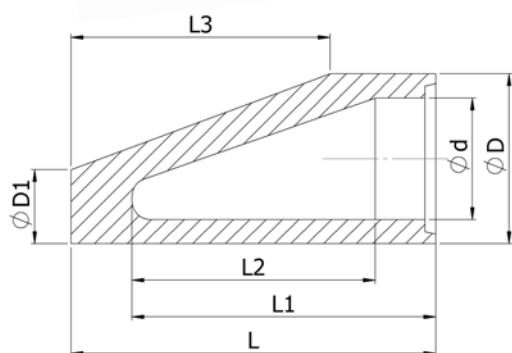
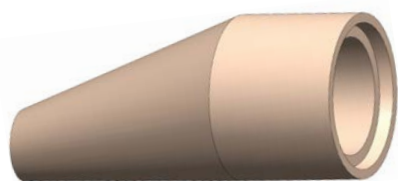
| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | c<br>(mm)<br>(мм) | α<br>(°) |
|--------------------|-------------------|-------------------|-------------------|----------|
| RWR60              | 60                | 90                | 30                | 7,5      |
| RWR70              | 70                | 100               | 30                | 7,5      |
| RWR70/15°          | 70                | 100               | 30                | 15       |
| RWR80              | 80                | 115               | 30                | 7,5      |
| RWR80/15°          | 80                | 115               | 30                | 15       |
| RWR100             | 100               | 140               | 30                | 7,5      |
| RWR100/15°         | 100               | 146               | 30                | 15       |
| RWR120             | 120               | 165               | 30                | 7,5      |
| RWR120/15°         | 120               | 165               | 30                | 15       |
| RWR140             | 140               | 180               | 100               | 7,5      |
| RWR140/15°         | 140               | 180               | 100               | 15       |



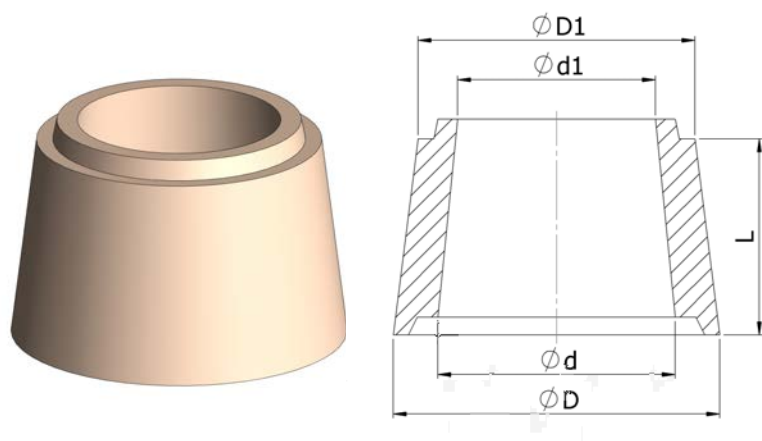
| type<br>Тип<br>тип | d<br>(mm)<br>(mm) | d1<br>(mm)<br>(mm) | k1<br>(mm)<br>(mm) | k2<br>(mm)<br>(mm) | d2<br>(mm)<br>(mm) | d3<br>(mm)<br>(mm) | d4<br>(mm)<br>(mm) | d5<br>(mm)<br>(mm) | d6<br>(mm)<br>(mm) | L1<br>(mm)<br>(mm) | L2<br>(mm)<br>(mm) | L3<br>(mm)<br>(mm) | L4<br>(mm)<br>(mm) | L<br>(mm)<br>(mm) |
|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| OD60               | 60                | 110                | 9                  | 8                  | 60                 | 73                 | 77                 | 170                | 120                | 179                | 131                | 356                | 34                 | 580               |
| OD80               | 80                | 120                | 11                 | 10                 | 70                 | 86                 | 89                 | 210                | 160                | 239                | 175                | 417                | 45                 | 710               |
| OD100              | 100               | 140                | 10                 | 9                  | 80                 | 100                | 104                | 250                | 200                | 315                | 225                | 519                | 50                 | 879               |
| OD120              | 120               | 165                | 10                 | 9                  | 80                 | 100                | 104                | 250                | 200                | 315                | 250                | 537                | 42,5               | 919               |

## SLAG TRAP END TUBE

## SCHLACKENFANGENDSTÜCK | КОНЦЕВОЙ ШЛАКОУЛОВИТЕЛЬ | KONCOVÝ ODSTRUSKOVÁK



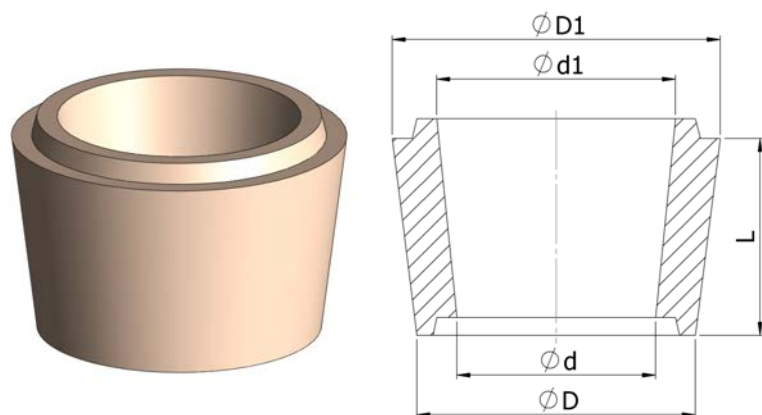
| type<br>Тип<br>тип | d<br>(mm)<br>(mm) | D<br>(mm)<br>(mm) | D1<br>(mm)<br>(mm) | L<br>(mm)<br>(mm) | L1<br>(mm)<br>(mm) | L2<br>(mm)<br>(mm) | L3<br>(mm)<br>(mm) |
|--------------------|-------------------|-------------------|--------------------|-------------------|--------------------|--------------------|--------------------|
| RES80              | 80                | 115               | 57                 | 300               | 250                | 200                | 213                |
| RES100             | 100               | 140               | 61                 | 300               | 250                | 200                | 214                |
| RES120             | 120               | 160               | 61                 | 300               | 250                | 200                | 214                |



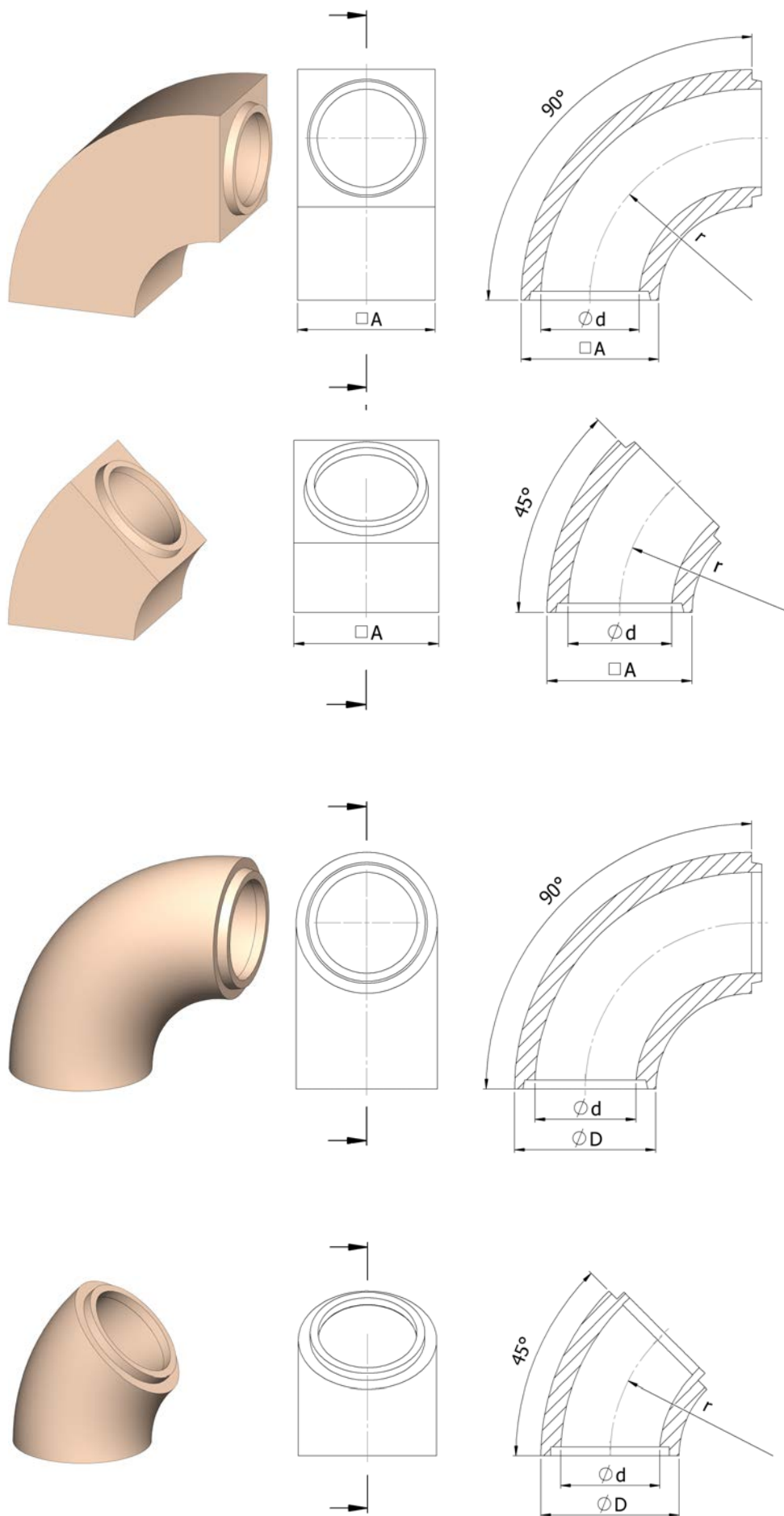
| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | d1<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | D1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| RK40/30            | 40                | 30                 | 65                | 55                 | 100               |
| RK50/40            | 50                | 40                 | 75                | 65                 | 100               |
| RK60/40            | 60                | 40                 | 90                | 65                 | 100               |
| RK60/50            | 60                | 50                 | 90                | 75                 | 100               |
| RK70/50            | 70                | 50                 | 100               | 75                 | 100               |
| RK70/60            | 70                | 60                 | 100               | 90                 | 100               |
| RK80/60            | 80                | 60                 | 115               | 90                 | 100               |
| RK80/70            | 80                | 70                 | 115               | 100                | 100               |
| RK100/80           | 100               | 80                 | 140               | 115                | 100               |
| RK120/100          | 120               | 100                | 165               | 140                | 100               |
| RK140/120          | 140               | 120                | 180               | 165                | 200               |
| RK150/120          | 150               | 120                | 200               | 165                | 100               |
| RK180/150          | 180               | 150                | 230               | 200                | 100               |
| RK200/180          | 200               | 180                | 240               | 240                | 100               |

| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | d1<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | D1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| RE50/40            | 50                | 40                 | 75                | 65                 | 50                |
| RE60/40            | 60                | 40                 | 90                | 65                 | 50                |
| RE60/50            | 60                | 50                 | 90                | 75                 | 50                |
| RE80/60/50         | 80                | 60                 | 115               | 90                 | 50                |
| RE100/80           | 100               | 80                 | 140               | 115                | 150               |
| RE100/80/50        | 100               | 80                 | 140               | 115                | 50                |
| RE120/100/50       | 120               | 100                | 165               | 140                | 50                |

| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | d1<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | D1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| RR40/30            | 40                | 30                 | 65                | 54                 | 50                |
| RR50/40            | 50                | 40                 | 75                | 65                 | 60                |
| RR60/50            | 60                | 50                 | 84                | 75                 | 80                |
| RR70/50            | 70                | 50                 | 100               | 75                 | 80                |
| RR70/60            | 70                | 60                 | 100               | 84                 | 80                |
| RR80/60            | 80                | 60                 | 120               | 84                 | 100               |
| RR80/70            | 80                | 70                 | 120               | 100                | 100               |
| RR100/80           | 100               | 80                 | 140               | 120                | 100               |
| RR120/100          | 120               | 100                | 165               | 140                | 100               |



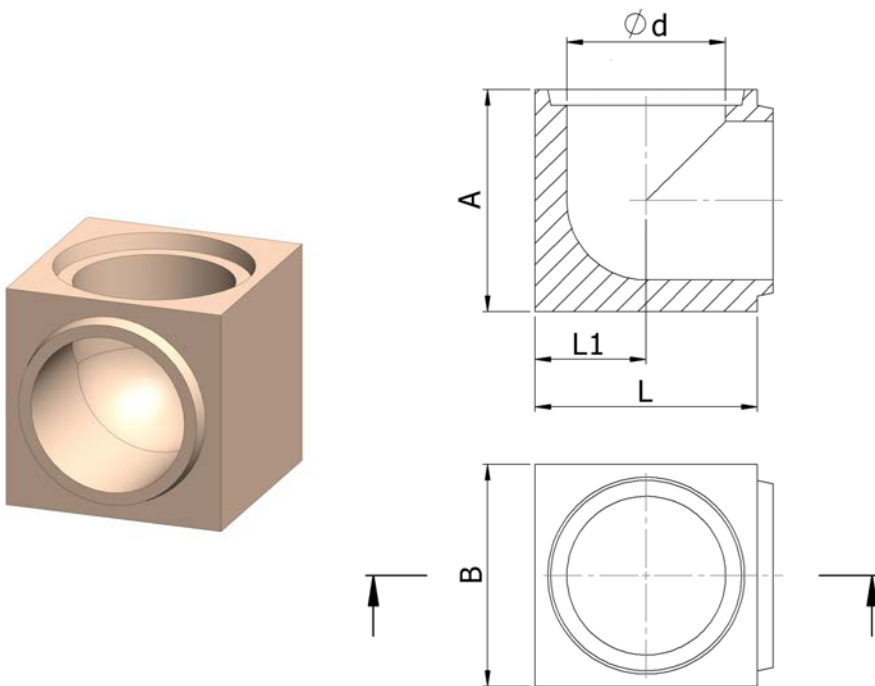
| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | d1<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | D1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| EXPK30/40          | 30                | 40                 | 55                | 65                 | 50                |
| EXPK40/50          | 40                | 50                 | 65                | 75                 | 50                |
| EXPK40/60          | 40                | 60                 | 65                | 90                 | 100               |
| EXPK50/60          | 50                | 60                 | 75                | 84                 | 80                |
| EXPK50/70          | 50                | 70                 | 75                | 100                | 100               |
| EXPK60/80          | 60                | 80                 | 90                | 115                | 100               |
| EXPK70/80          | 70                | 80                 | 100               | 115                | 100               |
| EXPK80/100         | 80                | 100                | 115               | 140                | 100               |
| EXPK100/120        | 100               | 120                | 140               | 165                | 100               |
| EXPK120/140        | 120               | 140                | 165               | 180                | 200               |



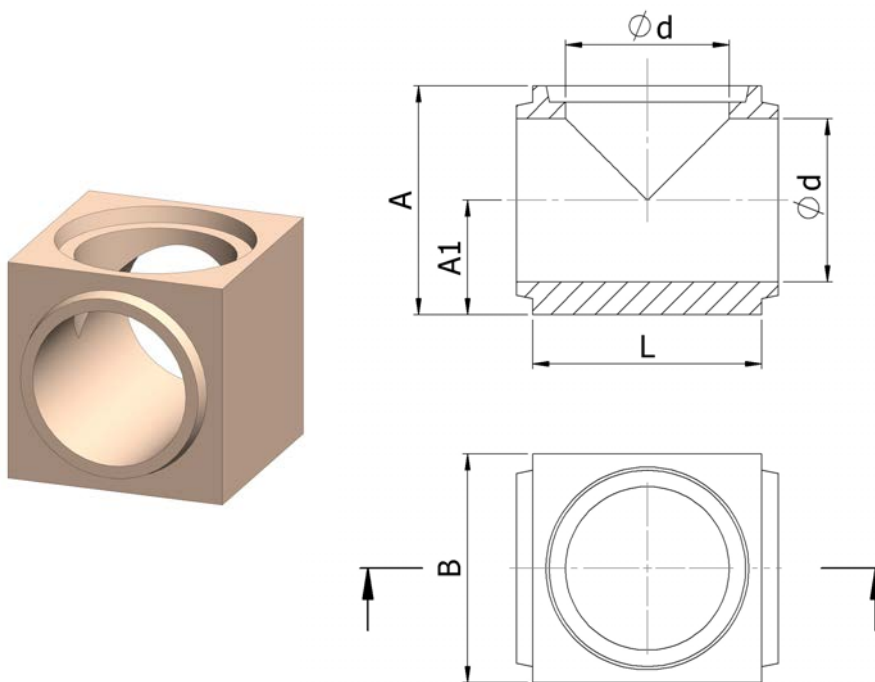
| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | r<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| K30/45°            | 30                | 55                | 80                |
| K30/90°            | 30                | 55                | 80                |
| K40/45°            | 40                | 65                | 80                |
| K40/90°            | 40                | 65                | 80                |
| K50/45°            | 50                | 75                | 80                |
| K50/90°            | 50                | 75                | 80                |
| K60/45°            | 60                | 90                | 80                |
| K60/90°            | 60                | 90                | 80                |
| K70/45°            | 70                | 100               | 120               |
| K70/90°            | 70                | 100               | 120               |
| K80/45°            | 80                | 120               | 165               |
| K80/90°            | 80                | 120               | 165               |
| K100/45°           | 100               | 140               | 165               |
| K100/90°           | 100               | 140               | 165               |
| K120/45°           | 120               | 165               | 250               |
| K120/90°           | 120               | 165               | 250               |
| K140/45°           | 140               | 180               | 280               |
| K150/45°           | 150               | 200               | 296               |

| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | r<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| KR30/90°           | 30                | 55                | 75                |
| KR40/90°           | 40                | 65                | 80                |
| KR50/90°           | 50                | 75                | 150               |
| KR60/45°           | 60                | 90                | 140               |
| KR60/90°           | 60                | 90                | 140               |
| KR70/90°           | 70                | 100               | 130               |
| KR80/45°           | 80                | 115               | 160               |
| KR80/90°           | 80                | 115               | 160               |
| KR100/45°          | 100               | 140               | 200               |
| KR100/90°          | 100               | 140               | 200               |
| KR120/45°          | 120               | 165               | 250               |
| KR120/90°          | 120               | 165               | 250               |

| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | r<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| K40/45°TT          | 40                | 65                | 80                |
| K40/90°TT          | 40                | 65                | 60                |
| K60/45°TT          | 60                | 100               | 75                |
| K60/90°TT          | 60                | 100               | 75                |
| K80/90°TT          | 80                | 130               | 100               |

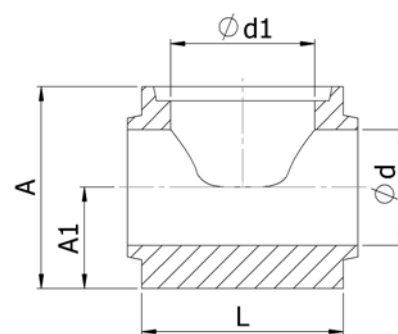
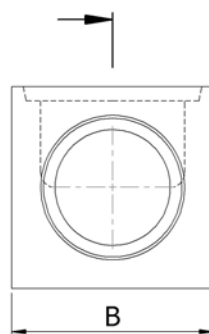
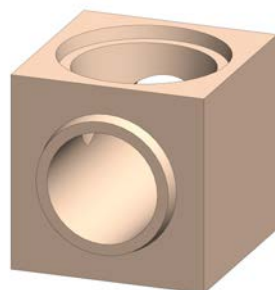


| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | B<br>(mm)<br>(мм) | L1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| L30                | 30                | 60                | 60                | 30                 | 60                |
| L40                | 40                | 74                | 74                | 37                 | 75,5              |
| L50                | 50                | 74                | 74                | 37                 | 75,5              |
| L60                | 60                | 90                | 90                | 45                 | 92,5              |
| L70                | 70                | 100               | 100               | 50                 | 101,5             |
| L80                | 80                | 115               | 115               | 57,5               | 117,5             |
| L100               | 100               | 140               | 140               | 72,5               | 142,5             |
| L120               | 120               | 160               | 160               | 80                 | 162,5             |
| L140               | 140               | 220               | 200               | 110,5              | 210               |
| L150               | 150               | 226               | 210               | 110,5              | 221               |

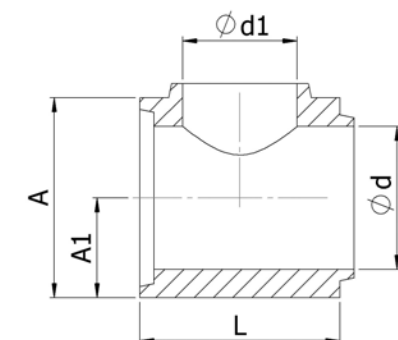
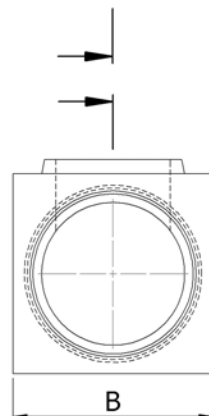
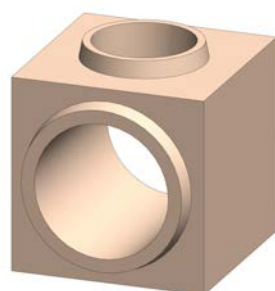


| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | B<br>(mm)<br>(мм) | A2<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| T30                | 30                | 60                | 60                | 30                 | 62                |
| T40                | 40                | 74                | 74                | 37                 | 77                |
| T50                | 50                | 74                | 74                | 37                 | 77                |
| T60                | 60                | 90                | 90                | 45                 | 95                |
| T70                | 70                | 100               | 100               | 50                 | 103               |
| T80                | 80                | 115               | 115               | 57,5               | 120               |
| T100               | 100               | 140               | 140               | 70                 | 145               |
| T120               | 120               | 160               | 160               | 80                 | 165               |
| T140               | 140               | 220               | 200               | 100                | 210               |
| T150               | 150               | 226               | 210               | 105                | 221               |

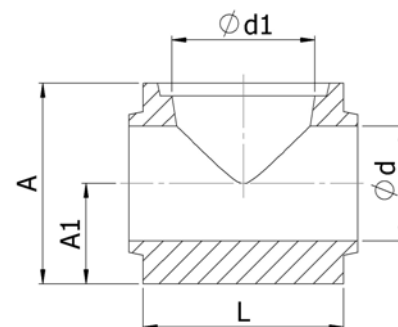
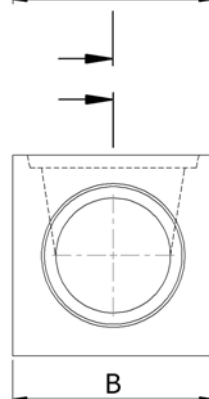
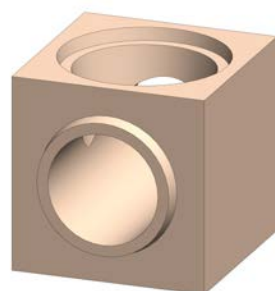
MODEL 1



MODEL 2



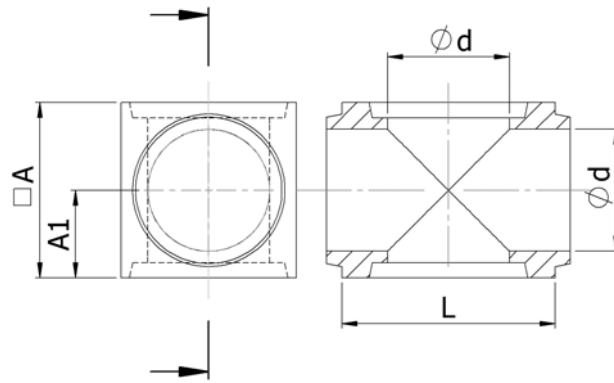
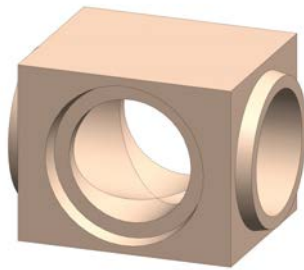
MODEL 3



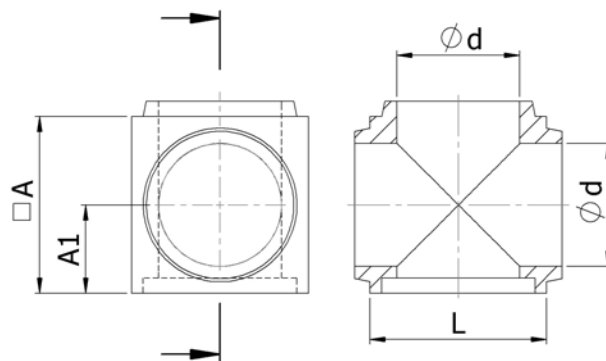
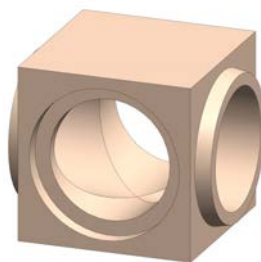
| type<br>Typ<br>тип | Model<br>Modell<br>модель | d<br>(mm)<br>(мм) | d1<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | B<br>(mm)<br>(мм) | A1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|
| T40/30/30          | 1                         | 30                | 40                 | 74                | 74                | 37                 | 77                |
| T40/30/40          | 2                         | 40                | 30                 | 74                | 74                | 37                 | 77                |
| T50/40/40          | 1                         | 40                | 50                 | 74                | 74                | 37                 | 77                |
| T50/40/50          | 2                         | 50                | 40                 | 74                | 74                | 37                 | 77                |
| T60/40/40          | 1                         | 40                | 60                 | 90                | 90                | 45                 | 95                |
| T60/40/60          | 2                         | 60                | 40                 | 90                | 90                | 45                 | 95                |
| T60/50/50          | 1                         | 50                | 60                 | 90                | 90                | 45                 | 95                |
| T70/50/50          | 1                         | 50                | 70                 | 100               | 100               | 50                 | 103               |
| T70/60/60          | 1                         | 60                | 70                 | 100               | 100               | 50                 | 103               |
| T80/60/60          | 1                         | 60                | 80                 | 115               | 115               | 57,5               | 120               |
| T80/60/80          | 2                         | 80                | 60                 | 115               | 115               | 57,5               | 120               |
| T80/70/70          | 1                         | 70                | 80                 | 115               | 115               | 57,5               | 120               |
| T100/80/80         | 1                         | 80                | 100                | 140               | 140               | 70                 | 145               |
| T100/80/100        | 2                         | 100               | 80                 | 140               | 140               | 70                 | 145               |
| T120/100/100       | 1                         | 100               | 120                | 160               | 160               | 80                 | 165               |
| T120/100/120       | 1                         | 120               | 100                | 170               | 180               | 90                 | 185               |

| type<br>Typ<br>тип | Model<br>Modell<br>модель | d<br>(mm)<br>(мм) | d1<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | B<br>(mm)<br>(мм) | A1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|
| TX50/40/40         | 3                         | 40                | 50                 | 74                | 74                | 37                 | 77                |
| TX70/50/50         | 3                         | 50                | 70                 | 87                | 100               | 37                 | 105               |
| TX80/60/60         | 3                         | 60                | 80                 | 102,5             | 115               | 45                 | 119               |
| TX80/70/70         | 3                         | 70                | 80                 | 107,5             | 115               | 50                 | 120               |
| TX100/80/80        | 3                         | 80                | 100                | 127,5             | 140               | 57,5               | 149               |
| TX120/100/100      | 3                         | 100               | 120                | 150               | 160               | 70                 | 165               |
| TX140/120/120      | 3                         | 120               | 140                | 170               | 180               | 80                 | 185               |

MODEL 1

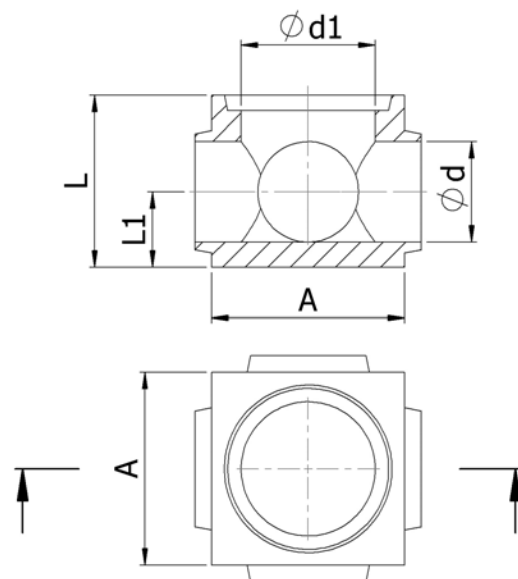
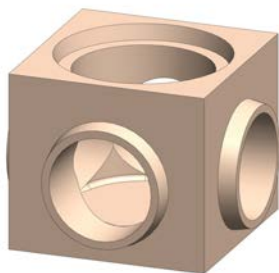


MODEL 2

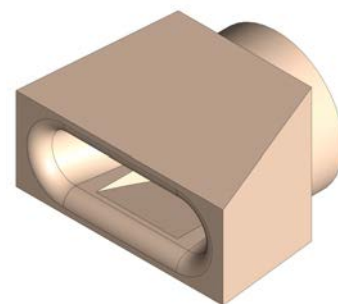
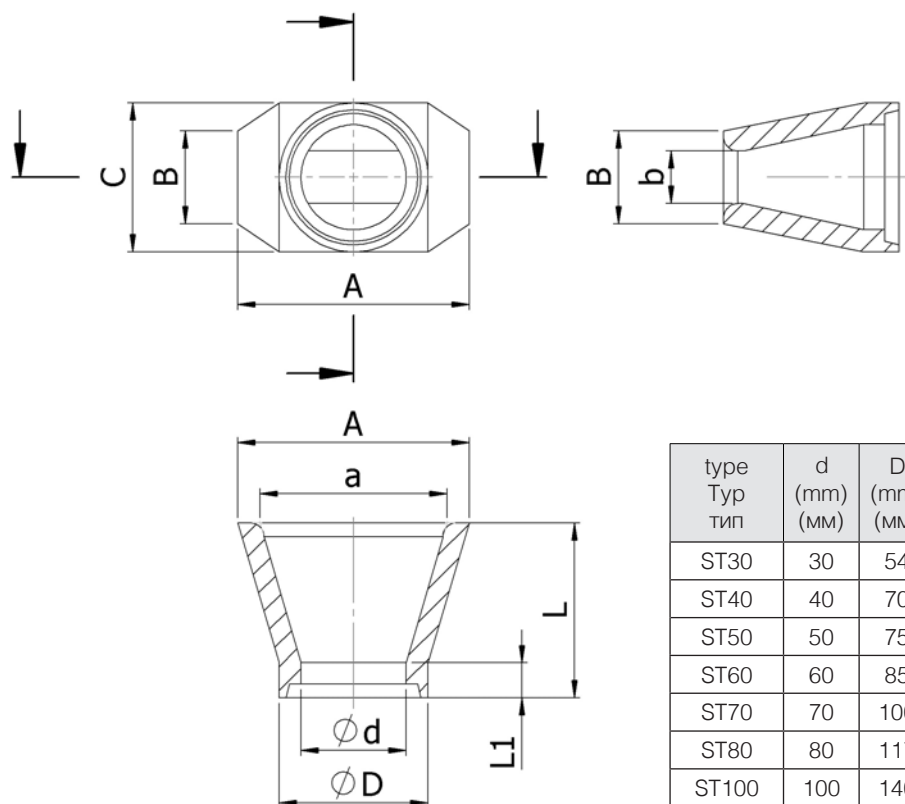


| type<br>Typ<br>тип | model<br>Modell<br>модель | d<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | A1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|---------------------------|-------------------|-------------------|--------------------|-------------------|
| VX50               | 1                         | 50                | 115               | 57,5               | 115               |
| VX60               | 2                         | 60                | 85                | 42,5               | 110               |
| VX70               | 1                         | 70                | 115               | 57,5               | 115               |
| VX80               | 1                         | 80                | 115               | 57,5               | 115               |

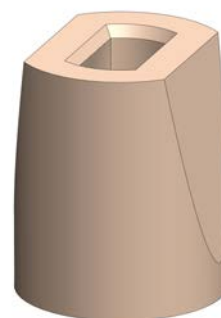
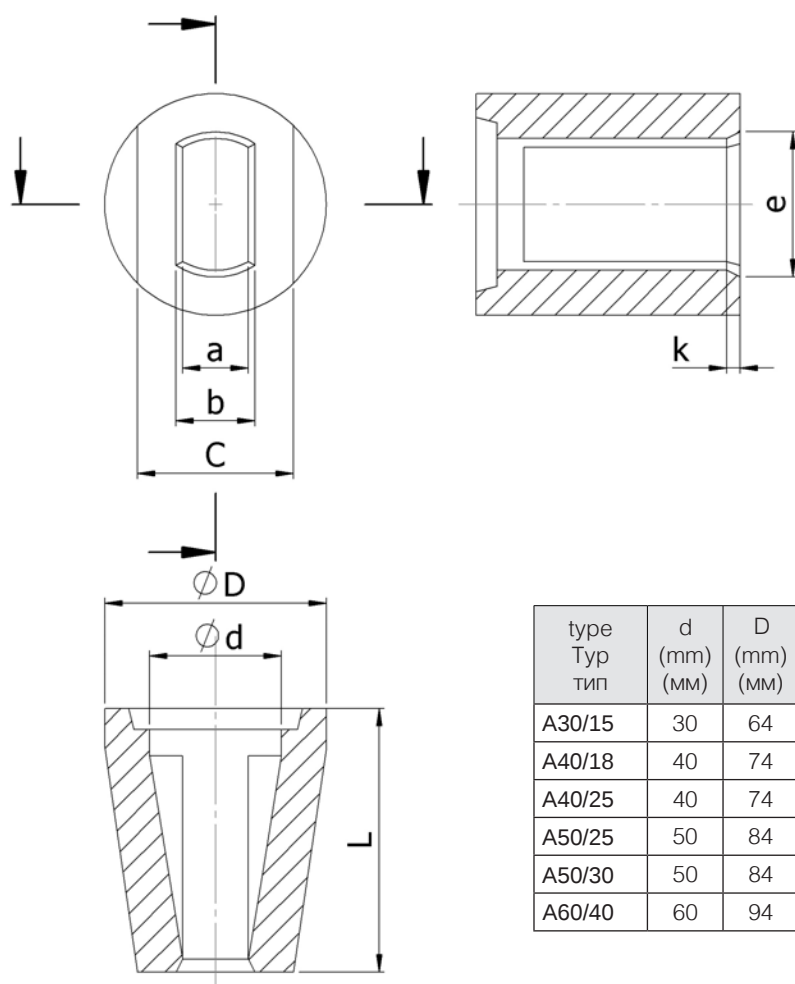
KING BRICK H  
KÖNIGSTEIN H | ЗВЕЗДОЧКА H | HVĚZDICE H



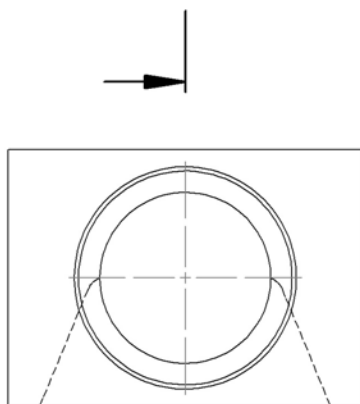
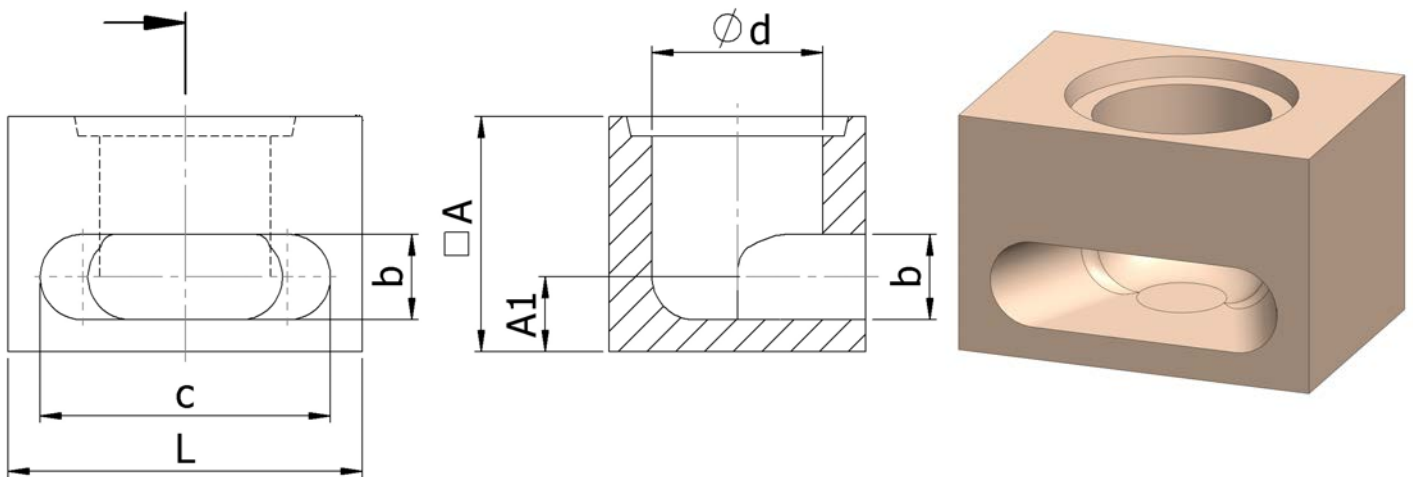
| type<br>Typ<br>тип | d1<br>(mm)<br>(мм) | d<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | L1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|--------------------|-------------------|-------------------|--------------------|-------------------|
| H60/4X40           | 60                 | 40                | 90                | 35                 | 80                |
| H70/4X40           | 70                 | 40                | 100               | 37                 | 85                |
| H70/4X50           | 70                 | 50                | 100               | 37                 | 85                |
| H80/4X60           | 80                 | 60                | 115               | 45                 | 102,5             |
| H100/4X70          | 100                | 70                | 140               | 50                 | 123               |
| H100/4X80          | 100                | 80                | 140               | 57,5               | 125               |
| H120/4X100         | 120                | 100               | 160               | 70                 | 145               |



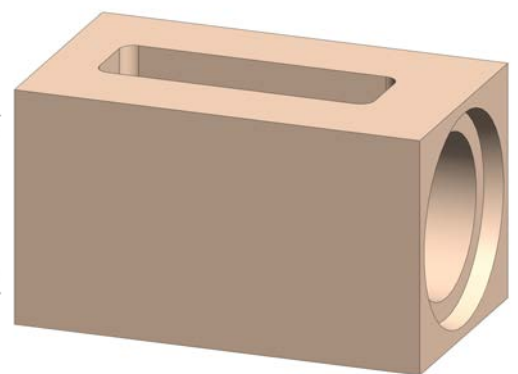
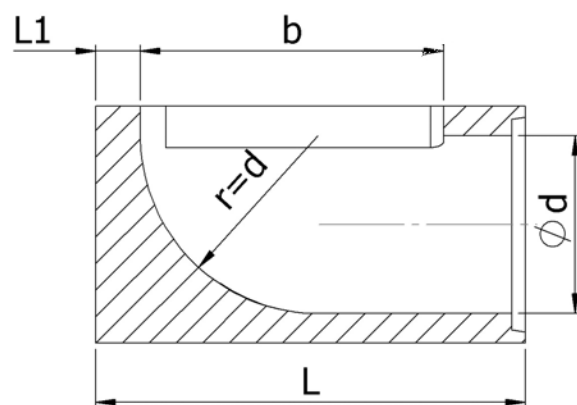
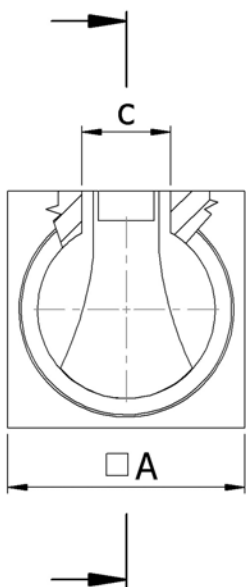
| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | a<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | b<br>(mm)<br>(мм) | B<br>(mm)<br>(мм) | C<br>(mm)<br>(мм) | L1<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| ST30               | 30                | 54                | 104               | 120               | 10                | 30                | 54                | -                  | 120               |
| ST40               | 40                | 70                | 68                | 90                | 20                | 50                | 70                | 12                 | 100               |
| ST50               | 50                | 75                | 85                | 110               | 25                | 45                | 75                | 20                 | 100               |
| ST60               | 60                | 85                | 102               | 132               | 30                | 53                | 85                | 20                 | 100               |
| ST70               | 70                | 100               | 120               | 150               | 35                | 65                | 100               | 12                 | 100               |
| ST80               | 80                | 117               | 136               | 175               | 40                | 70                | 117               | 20                 | 100               |
| ST100              | 100               | 140               | 200               | 240               | 50                | 90                | 140               | 50                 | 120               |
| ST120              | 120               | 160               | 205               | 245               | 60                | 100               | 160               | 20                 | 100               |
| ST140              | 140               | 180               | 240               | 280               | 70                | 110               | 180               | 20                 | 100               |



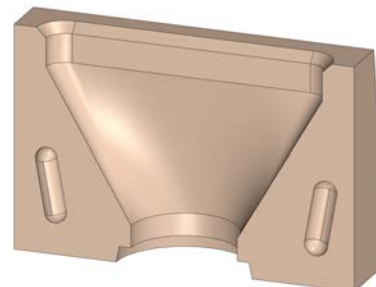
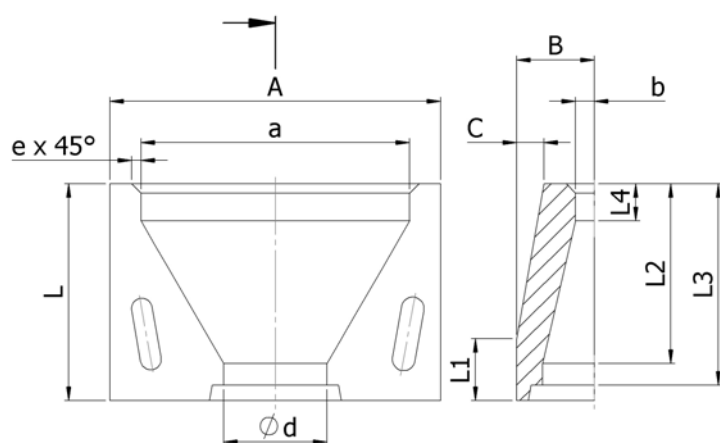
| type<br>Typ<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | a<br>(mm)<br>(мм) | b<br>(mm)<br>(мм) | C<br>(mm)<br>(мм) | e<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) | k<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| A30/15             | 30                | 64                | 15                | 30                | 49                | 45                | 100               | 5                 |
| A40/18             | 40                | 74                | 18                | 23                | 52                | 45                | 100               | 5                 |
| A40/25             | 40                | 74                | 25                | 30                | 59                | 45                | 100               | 5                 |
| A50/25             | 50                | 84                | 25                | 30                | 59                | 55                | 100               | 5                 |
| A50/30             | 50                | 84                | 30                | 35                | 64                | 55                | 100               | 5                 |
| A60/40             | 60                | 94                | 40                | 45                | 74                | 65                | 100               | 5                 |



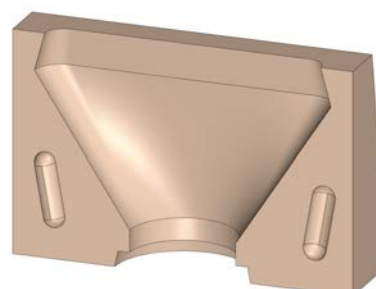
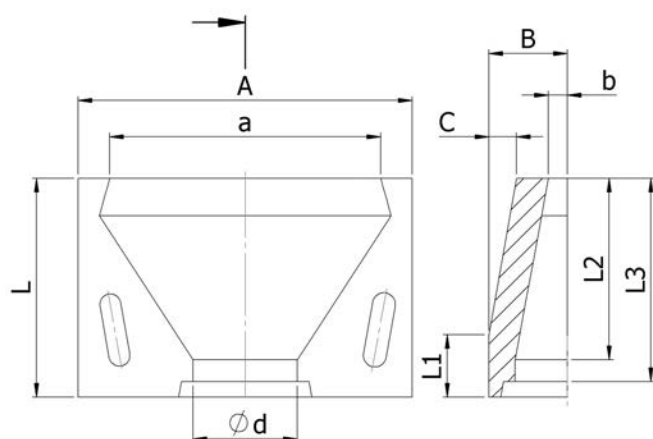
| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | A1<br>(mm)<br>(мм) | b<br>(mm)<br>(мм) | c<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| MAVQ40             | 40                | 70                | 25                 | 20                | 68                | 98                |
| MAVQ50             | 50                | 75                | 25                 | 25                | 85                | 110               |
| MAVQ60             | 60                | 90                | 30                 | 30                | 102               | 132               |
| MAVQ70             | 70                | 100               | 32,5               | 35                | 120               | 150               |
| MAVQ80             | 80                | 115               | 35                 | 40                | 136               | 166               |
| MAVQ100            | 100               | 140               | 40                 | 50                | 170               | 200               |
| MAVQ120            | 120               | 160               | 45                 | 60                | 205               | 235               |



| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | b<br>(mm)<br>(мм) | c<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) | L1<br>(mm)<br>(мм) | r<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| MAV80              | 80                | 115               | 136               | 40                | 200               | 25                 | 80                |
| MAV100             | 100               | 140               | 170               | 50                | 250               | 25                 | 100               |
| MAV120             | 120               | 160               | 205               | 60                | 290               | 30                 | 120               |

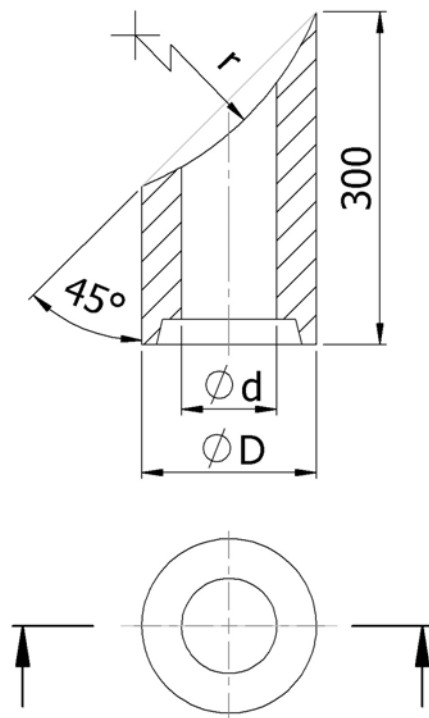
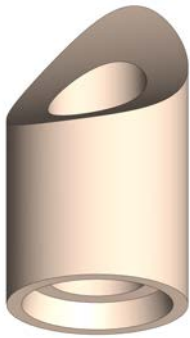


MODEL 1



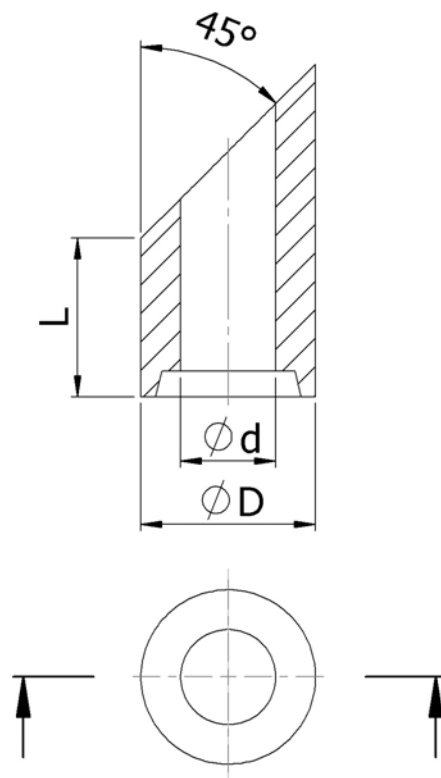
MODEL 2

| type<br>Typ<br>тип | model<br>Modell<br>модель | d<br>(mm)<br>(мм) | a<br>(mm)<br>(мм) | A<br>(mm)<br>(мм) | b<br>(mm)<br>(мм) | B<br>(mm)<br>(мм) | C<br>(mm)<br>(мм) | e<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) | L1<br>(mm)<br>(мм) | L2<br>(mm)<br>(мм) | L3<br>(mm)<br>(мм) | L4<br>(mm)<br>(мм) |
|--------------------|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| MA40HG             | 1                         | 40                | 115               | 140               | 6,5               | 35                | 12,3              | 4                 | 95                | 25                 | 80                 | 87                 | 15                 |
| MA40HGS            | 2                         | 40                | 116               | 140               | 6,5               | 33                | 12,3              | -                 | 95                | 25                 | 80                 | 87                 | -                  |
| MA50HG             | 1                         | 50                | 130               | 160               | 9                 | 40                | 13,2              | 5                 | 105               | 30                 | 85                 | 95                 | 18                 |
| MA50HGS            | 2                         | 50                | 130               | 160               | 9                 | 40                | 13,2              | -                 | 105               | 30                 | 85                 | 95                 | -                  |
| MA60HG             | 1                         | 60                | 160               | 190               | 10,5              | 45,5              | 15                | 6                 | 125               | 30                 | 89                 | 99                 | 18                 |
| MA70HG             | 1                         | 70                | 180               | 220               | 17,5              | 48                | 15,9              | 8                 | 145               | 55                 | 105                | 116                | 20                 |
| MA80HG             | 1                         | 80                | 200               | 240               | 17,5              | 57                | 17,9              | 8                 | 160               | 55                 | 140                | 151                | 20                 |



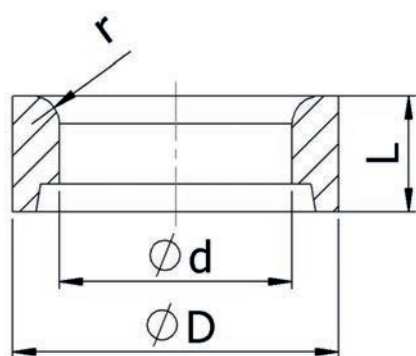
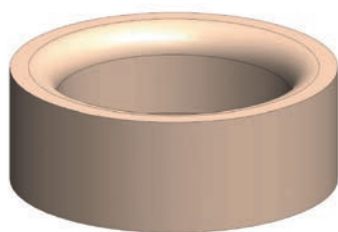
| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|
| RAR30              | 30                | 55                |
| RAR40              | 40                | 65                |
| RAR50              | 50                | 75                |
| RAR60              | 60                | 90                |
| RAR70              | 70                | 100               |
| RAR80              | 80                | 115               |

Radius r can be manufactured by agreement.  
Andere Radien r sind auf Anfrage lieferbar.  
Радиусы r можно изготовить по запросу.  
Rádusy r jsou dostupné na vyžádání.



| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|
| SAR30              | 30                | 55                | 50                |
| SAR40              | 40                | 65                | 50                |
| SAR50              | 50                | 75                | 50                |
| SAR60              | 60                | 90                | 50                |
| SAR70              | 70                | 100               | 50                |
| SAR80              | 80                | 115               | 50                |

Other lengths can be manufactured by agreement.  
Andere Längen sind auf Anfrage lieferbar.  
Другие длины можно изготовить по запросу.  
Jiné délky a úhly jsou dostupné na vyžádání

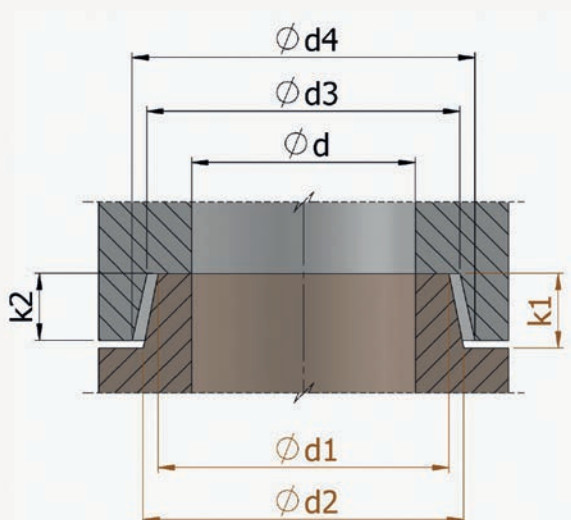


| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | r<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| AS30/50            | 30                | 60                | 12                | 50                |
| AS40/30            | 40                | 65                | 12                | 30                |
| AS40/50            | 40                | 65                | 12                | 50                |
| AS50/30            | 50                | 75                | 9                 | 30                |
| AS50/50            | 50                | 75                | 9                 | 50                |
| AS60/30            | 60                | 90                | 12                | 30                |
| AS60/50            | 60                | 90                | 12                | 50                |
| AS70/30            | 70                | 100               | 12                | 30                |
| AS70/50            | 70                | 100               | 12                | 50                |
| AS80/30            | 80                | 115               | 12                | 30                |
| AS80/50            | 80                | 115               | 12                | 50                |
| AS100/50           | 100               | 140               | 12                | 50                |
| AS100/100          | 100               | 140               | 12                | 100               |
| AS120/100          | 120               | 165               | 17                | 100               |
| AS140/100          | 140               | 180               | 17                | 100               |

| type<br>Тип<br>тип | d<br>(mm)<br>(мм) | D<br>(mm)<br>(мм) | r<br>(mm)<br>(мм) | L<br>(mm)<br>(мм) |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| AR30/50            | 30                | 55                | 12                | 50                |
| AR40/50            | 40                | 65                | 12                | 50                |
| AR50/50            | 50                | 75                | 12                | 50                |
| AR60/50            | 60                | 90                | 12                | 50                |
| AR70/50            | 70                | 100               | 15                | 50                |
| AR70/100           | 70                | 100               | 15                | 100               |
| AR80/50            | 80                | 120               | 30                | 50                |
| AR80/100           | 80                | 120               | 30                | 100               |
| AR100/50           | 100               | 140               | 30                | 50                |
| AR100/100          | 100               | 140               | 30                | 100               |
| AR120/50           | 120               | 165               | 30                | 50                |
| AR150/50           | 150               | 200               | 30                | 50                |

## MALE-FEMALE SYSTEM

SYSTEM NUT-FEDER | ВЫСТУП-ПАЗ СОПРЯЖЕНИЕ | SYSTÉM PERO - DRÁŽKA



| d<br>(mm)<br>(мм) | d1<br>(mm)<br>(мм) | d2<br>(mm)<br>(мм) | d3<br>(mm)<br>(мм) | d4<br>(mm)<br>(мм) | k1<br>(mm)<br>(мм) | k2<br>(mm)<br>(мм) |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 30                | 39                 | 43                 | 42                 | 46                 | 9                  | 8                  |
| 40                | 49                 | 53                 | 52                 | 56                 | 9                  | 8                  |
| 50                | 59                 | 63                 | 62                 | 66                 | 9                  | 8                  |
| 60                | 69                 | 73                 | 73                 | 77                 | 9                  | 8                  |
| 70                | 82                 | 86                 | 86                 | 90                 | 9                  | 8                  |
| 80                | 96                 | 100                | 100                | 104                | 10                 | 9                  |
| 100               | 116                | 120                | 120                | 124                | 10                 | 9                  |
| 120               | 136                | 139                | 142                | 145                | 10                 | 9                  |
| 140               | 156                | 160                | 160                | 164                | 10                 | 9                  |
| 150               | 172                | 175                | 176                | 179                | 10                 | 9                  |
| 180               | 202                | 204                | 206                | 208                | 11                 | 10                 |
| 200               | 212                | 216                | 218                | 222                | 11                 | 10                 |