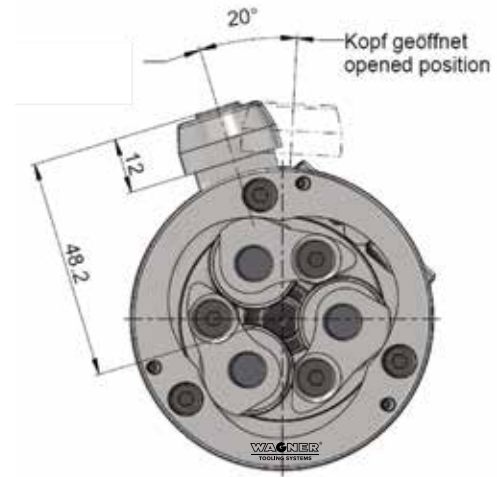
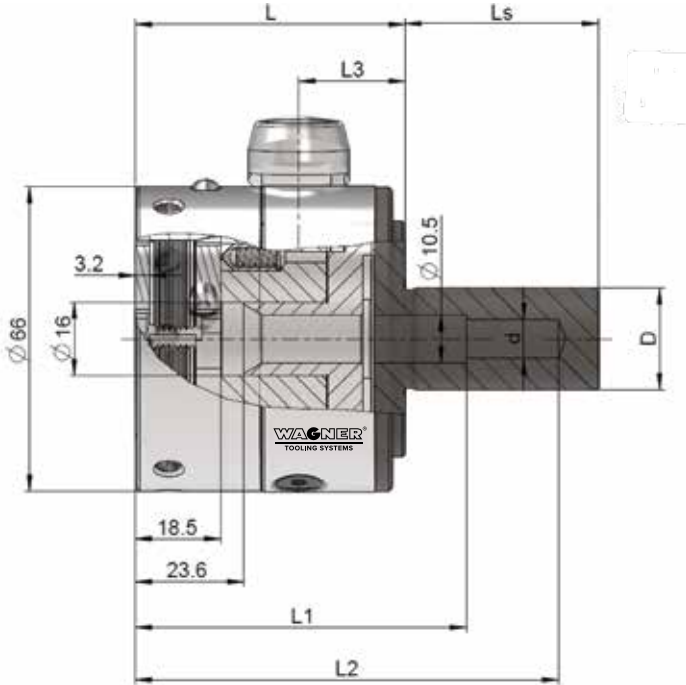


## Axial rolling system RS10

Type stationary



### Axial rolling system RS10

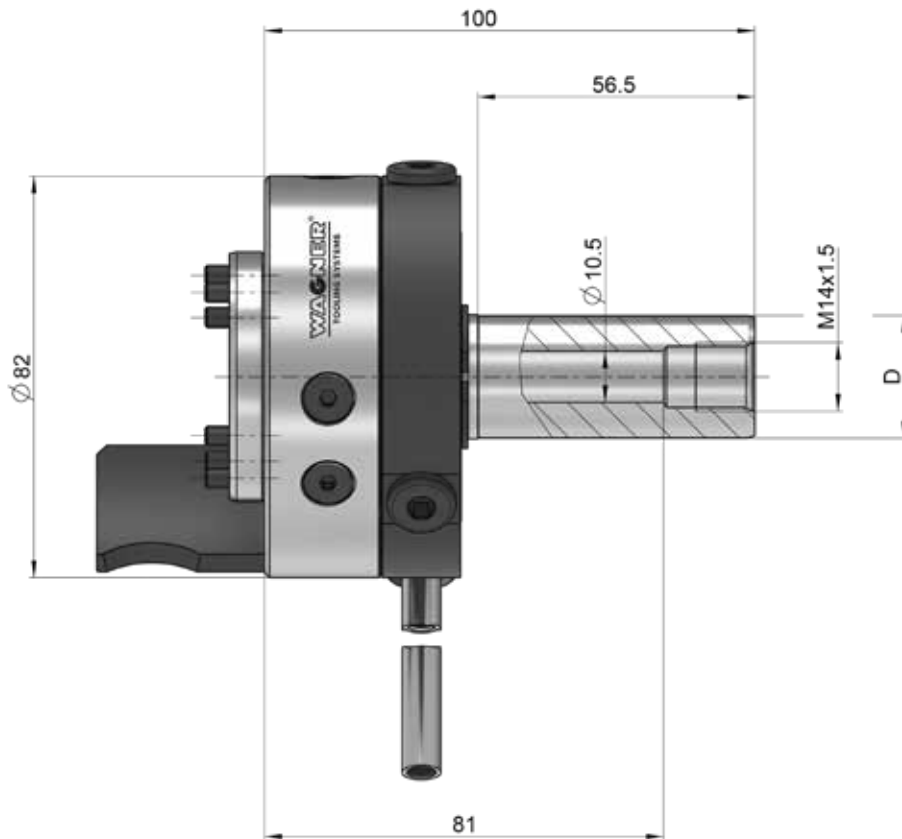
Weight 1.2 kg

|                             | mm     | inch      |
|-----------------------------|--------|-----------|
| Working range $\varnothing$ | 2.5–10 | 0.1–0.394 |
| Pitch max.                  | 1.5    | 16 t.p.i. |

| Shank- $\varnothing$ D mm (inch) | d mm | L mm | L <sub>s</sub> mm | L <sub>1</sub> mm | L <sub>2</sub> mm | L <sub>3</sub> mm |
|----------------------------------|------|------|-------------------|-------------------|-------------------|-------------------|
| 10                               | 5    | 58.5 | 42                | 51                | $\infty$          | 23                |
| 12                               | 5    | 58.5 | 42                | 51                | $\infty$          | 23                |
| 16                               | –    | 58.5 | 42                | $\infty$          | –                 | 23                |
| 19.05 (3/4")                     | –    | 58.5 | 42                | $\infty$          | –                 | 23                |
| 20                               | –    | 58.5 | 42                | $\infty$          | –                 | 23                |
| 22                               | –    | 58.5 | 42                | $\infty$          | –                 | 23                |
| 22                               | –    | 58.5 | 100               | $\infty$          | –                 | 23                |
| 25                               | –    | 58.5 | 48                | $\infty$          | –                 | 23                |
| 25.4 (1")                        | –    | 58.5 | 48                | $\infty$          | –                 | 23                |
| 28.5                             | –    | 58.5 | 51                | $\infty$          | –                 | 23                |
| 40                               | –    | 56.3 | 60                | 98                | –                 | 20                |
| VDI16                            | 8.5  | 63.3 | 32                | 87                | –                 | 27                |
| VDI20                            | 8.5  | 68.3 | 40                | 72                | 101               | 33                |
| VDI25                            | –    | 74.3 | 48                | 114               | –                 | 38                |
| VDI30                            | –    | 74.3 | 55                | 120               | –                 | 38                |

## Closing device RS10

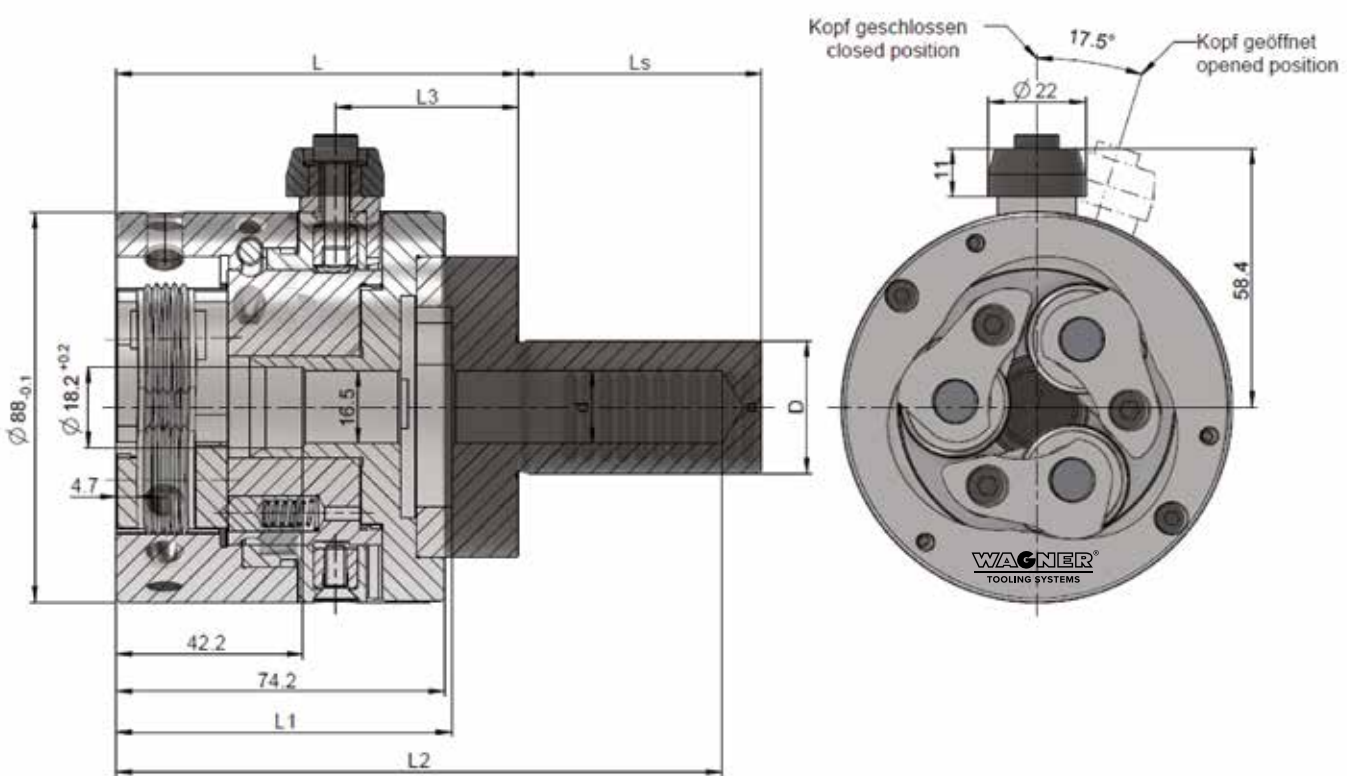
Type stationary



| Shank- $\varnothing$ D mm (inch) | Coolant Pressure (bar) | Weight (kg) |
|----------------------------------|------------------------|-------------|
| 19.05 (3/4")                     | 6–15                   | 1.9         |
| 20                               | 6–15                   | 1.9         |
| 22                               | 6–15                   | 1.9         |
| 25                               | 6–15                   | 2.0         |
| 25.4                             | 6–15                   | 2.0         |

## Axial rolling system RS16

Type stationary



### Axial rolling system RS16

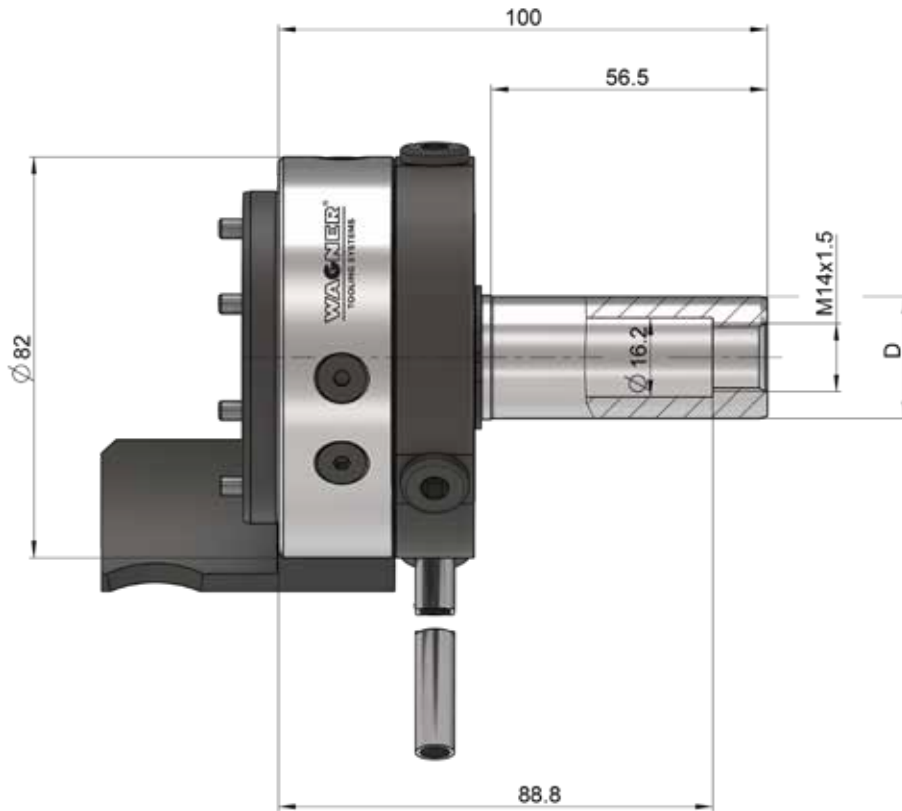
Weight 2.7 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 3–24 | 0.118–0.945 |
| Pitch max.                  | 2    | 11t.p.i.    |

| Shank- $\varnothing$ D mm (inch) | d mm | L mm | L <sub>s</sub> mm | L <sub>1</sub> mm | L <sub>2</sub> mm | L <sub>3</sub> mm |
|----------------------------------|------|------|-------------------|-------------------|-------------------|-------------------|
| 19.05 (3/4")                     | 12.5 | 75   | 42                | 68.8              | 105               | 25.5              |
| 20                               | 12.5 | 75   | 42                | 68.8              | 105               | 25.5              |
| 22                               | 12.5 | 75   | 42                | 68.8              | 105               | 25.5              |
| 25                               | 16.5 | 75   | 48                | 68.8              | ∞                 | 25.5              |
| 30                               | 16.5 | 75   | 55                | 68.8              | ∞                 | 25.5              |
| 32                               | 16.5 | 75   | 80                | 68.8              | ∞                 | 25.5              |
| 25.4 (1")                        | 16.5 | 75   | 48                | 68.8              | ∞                 | 25.5              |
| VDI20                            | 16.5 | 87.5 | 40                | 68.8              | 119.8             | 38                |
| VDI25                            | 14.2 | 83.8 | 48                | 75.8              | 122.8             | 34.3              |
| VDI30                            | 16.5 | 90.8 | 55                | –                 | 136.8             | 41.3              |
| VDI40                            | 16.5 | 90.8 | 63                | –                 | 138.8             | 41.3              |

## Closing device RS16

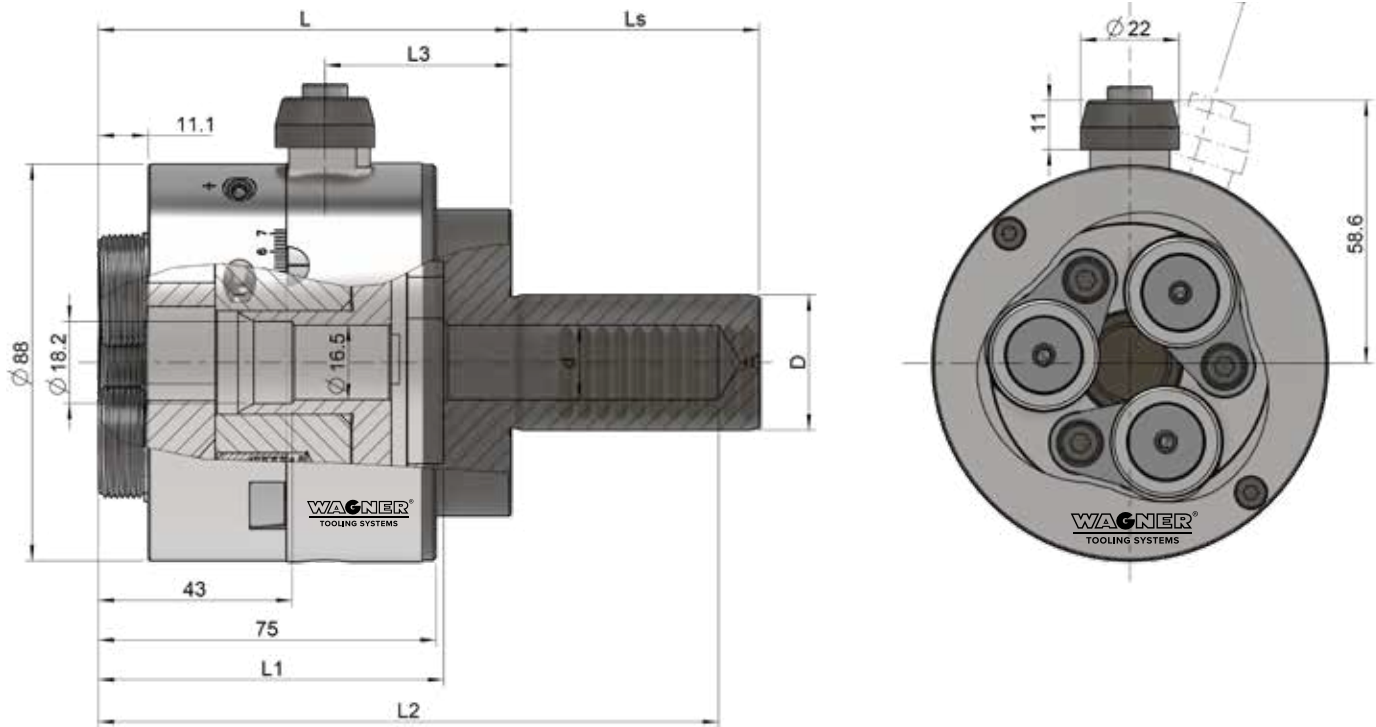
Type stationary



| Shank-Ø D mm (inch) | Coolant Pressure (bar) | Weight kg |
|---------------------|------------------------|-----------|
| 19.05 (3/4")        | 6-15                   | 1.9       |
| 20                  | 6-15                   | 1.9       |
| 22                  | 6-15                   | 1.9       |
| 25                  | 6-15                   | 2.0       |
| 25.4 (1")           | 6-15                   | 2.0       |

## Axial rolling system RS16-VB

Type stationary



### Axial rolling system RS16-VB

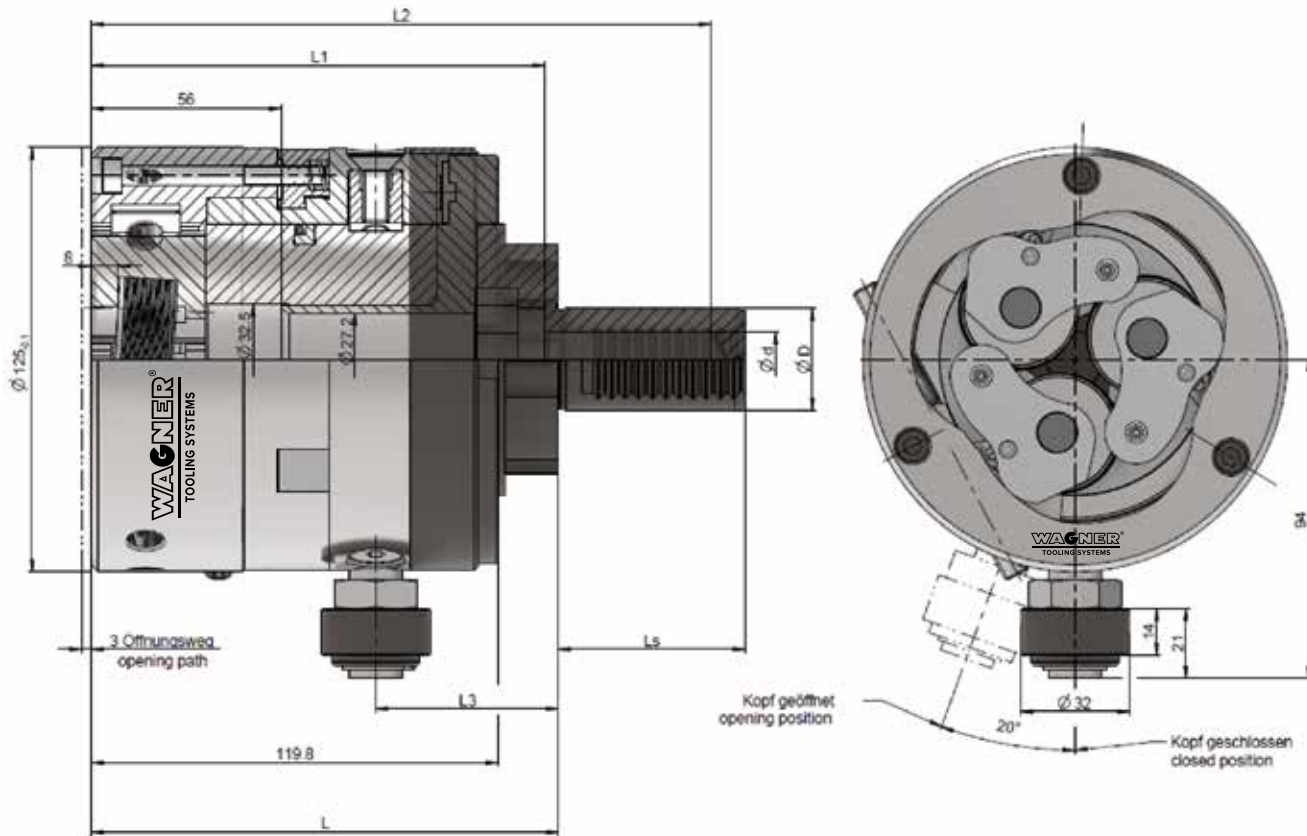
Weight 2.5 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 6–23 | 0.236–0.945 |
| Pitch max.                  | 1.5  | 16 t.p.i.   |

| Shank- $\varnothing$ D mm (inch) | d mm | L mm | $L_3$ mm | $L_1$ mm | $L_2$ mm | $L_3$ mm |
|----------------------------------|------|------|----------|----------|----------|----------|
| 19.05 (3/4")                     | 12.5 | 75.8 | 42       | 69.6     | 105.8    | 25.5     |
| 20                               | 12.5 | 75.8 | 42       | 69.6     | 105.8    | 25.5     |
| 22                               | 12.5 | 75.8 | 42       | 69.6     | 105.8    | 25.5     |
| 25                               | 16.5 | 75.8 | 48       | 69.6     | $\infty$ | 25.5     |
| 30                               | 16.5 | 75.8 | 55       | 69.6     | $\infty$ | 25.5     |
| 32                               | 16.5 | 75.8 | 80       | 69.6     | $\infty$ | 25.5     |
| 25.4 (1")                        | 16.5 | 75.8 | 48       | 69.6     | $\infty$ | 25.5     |
| VDI20                            | 16.5 | 88.3 | 40       | 84.6     | 120.6    | 38       |
| VDI25                            | 14.2 | 84.6 | 48       | 76.6     | 123.6    | 34.3     |
| VDI30                            | 16.5 | 91.6 | 55       | –        | 137.6    | 41.3     |
| VDI40                            | 25   | 91.6 | 63       | –        | 139.6    | 41.3     |

## Axial rolling system RS22-2

Type stationary



### Axial rolling system RS22-2

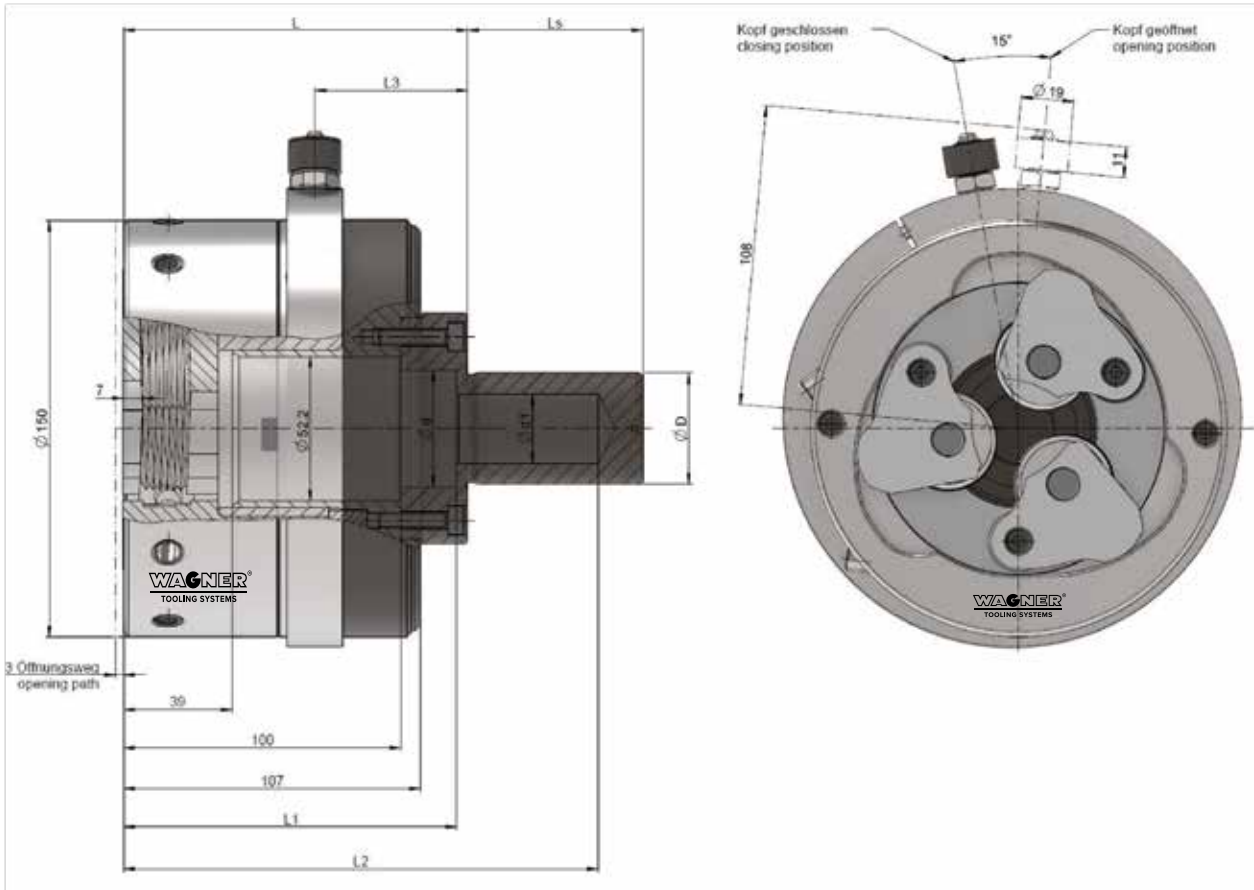
Weight 10.5 kg

|                           | mm   | inch        |
|---------------------------|------|-------------|
| Working range $\emptyset$ | 5–36 | 0.197–1.417 |
| Pitch max.                | 3    | 8t.p.i.     |

| Shank- $\emptyset$ D mm (inch) | d mm | L mm  | L <sub>5</sub> mm | L <sub>1</sub> mm | L <sub>2</sub> mm | L <sub>3</sub> mm |
|--------------------------------|------|-------|-------------------|-------------------|-------------------|-------------------|
| 25                             | 18.2 | 121.8 | 65                | $\infty$          | –                 | 37.8              |
| 25.4 (1")                      | 18.2 | 121.8 | 65                | $\infty$          | –                 | 37.8              |
| 30                             | 23.5 | 121.8 | 80                | $\infty$          | –                 | 37.8              |
| 31.75 (1 1/4")                 | 23.5 | 121.8 | 80                | $\infty$          | –                 | 37.8              |
| 32                             | 23.5 | 121.8 | 80                | $\infty$          | –                 | 37.8              |
| 36                             | 23.5 | 121.8 | 100               | 203.8             | –                 | 37.8              |
| 38.1 (1 1/2")                  | 23.5 | 121.8 | 88                | $\infty$          | –                 | 37.8              |
| 40                             | 27.2 | 121.8 | 80                | 183.8             | –                 | 37.8              |
| 50                             | 38.5 | 121.8 | 120               | $\infty$          | –                 | 37.8              |
| 50.8 (2")                      | 38.5 | 121.8 | 65                | $\infty$          | –                 | 37.8              |
| 60                             | 42   | 121.8 | 120               | $\infty$          | –                 | 37.8              |
| VDI30                          | 16.2 | 137.8 | 55                | 133.8             | 182.8             | 53.6              |
| VDI40                          | 25   | 137.8 | 63                | 133.8             | 184.8             | 53.6              |
| VDI50                          | 32   | 137.8 | 78                | 133.8             | 199.8             | 53.6              |

## Axial rolling system RS27/56

Type stationary



### Axial rolling system RS27/56

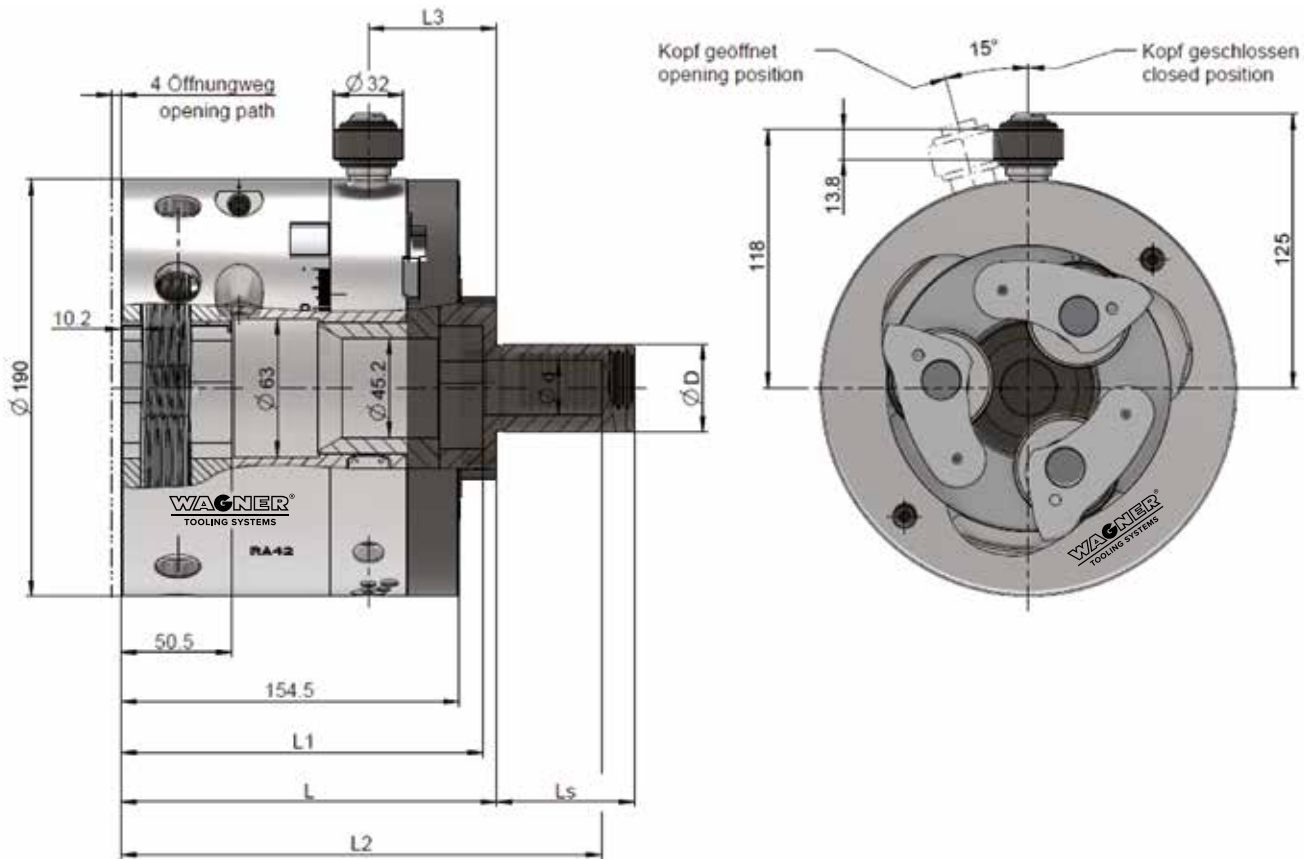
Weight 11 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 5–56 | 0.197–2.087 |
| Pitch max.                  | 3    | 8t.p.i.     |

| Shank- $\varnothing$ D mm (inch) | d mm | d1        | L mm  | L <sub>s</sub> mm | L <sub>1</sub> mm | L <sub>2</sub> mm | L <sub>3</sub> mm |
|----------------------------------|------|-----------|-------|-------------------|-------------------|-------------------|-------------------|
| 25                               | 18.2 | –         | 175.3 | 65                | $\infty$          | –                 | 42.5              |
| 25.4 (1")                        | 18.2 | –         | 175.3 | 65                | $\infty$          | –                 | 42.5              |
| 30                               | 23.5 | M25 × 1.5 | 175.3 | 80                | $\infty$          | –                 | 42.5              |
| 31.75 (1 1/4")                   | 23.5 | M25 × 1.5 | 175.3 | 80                | $\infty$          | –                 | 42.5              |
| 32                               | 23.5 | M25 × 1.5 | 175.3 | 80                | $\infty$          | –                 | 42.5              |
| 36                               | 23.5 | G1/4"     | 175.3 | 100               | 190               | –                 | 42.5              |
| 38.1 (1 1/2")                    | 23.5 | –         | 175.3 | 88                | $\infty$          | –                 | 42.5              |
| 40                               | 27.2 | M28 × 1.5 | 175.3 | 80                | 170               | –                 | 42.5              |
| 50                               | 38.5 | –         | 175.3 | 120               | $\infty$          | –                 | 42.5              |
| 50.8 (2")                        | 38.5 | –         | 175.3 | 65                | $\infty$          | –                 | 42.5              |
| 60                               | 42   | –         | 175.3 | 120               | $\infty$          | –                 | 42.5              |
| VDI30                            | 30   | 16.2      | 124   | 55                | 120               | 169               | 58.5              |
| VDI40                            | 42   | 25        | 124   | 63                | 120               | 171               | 58.5              |
| VDI50                            | 42   | 27.2      | 124   | 78                | 120               | 186               | 58.5              |

## Axial rolling system RS42 and RS42/75

Type stationary



### Axial rolling system RS42 and RS42/75

Weight 28 kg

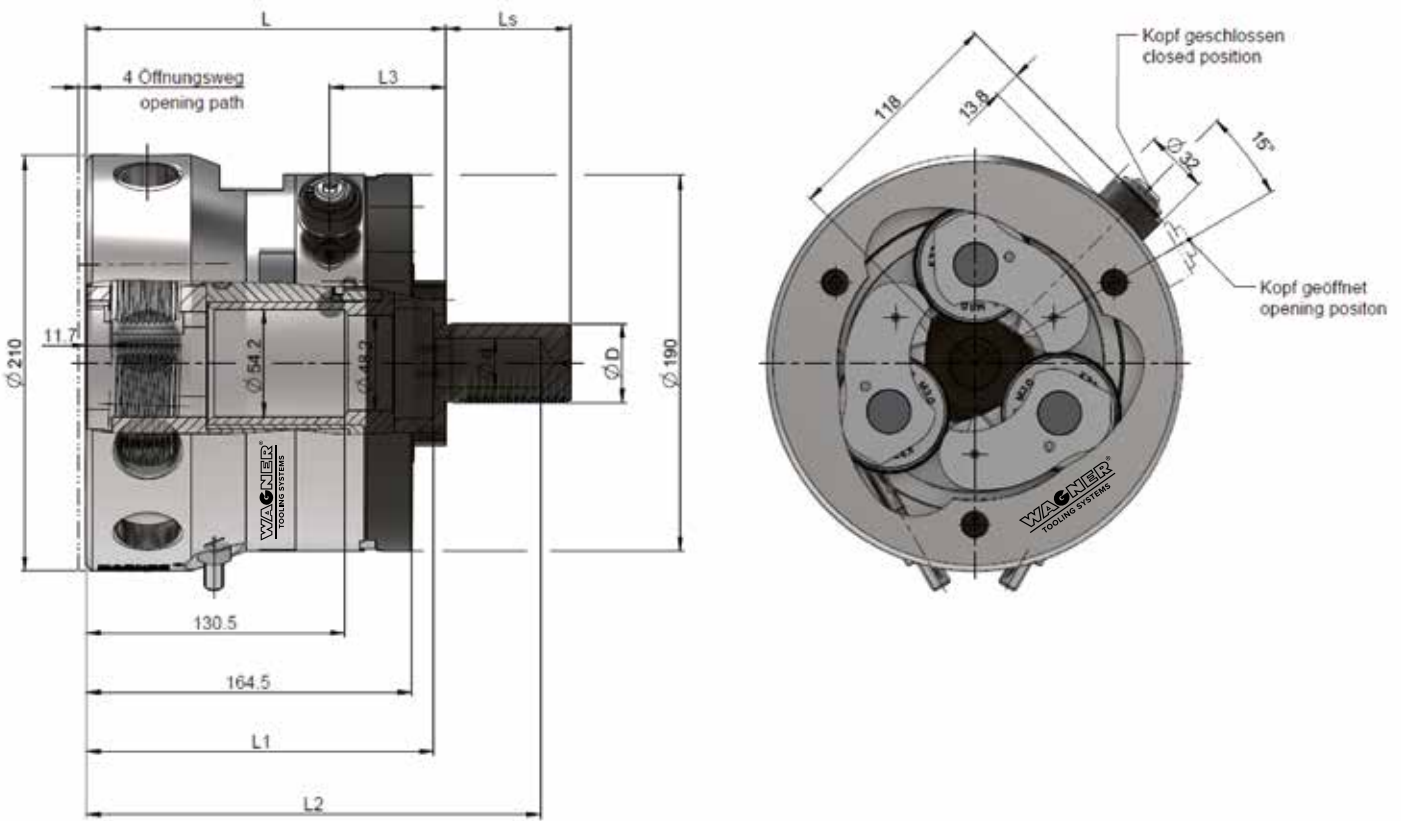
|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 8–75 | 0.315–1.654 |
| Pitch max.                  | 4.5  | 6 t.p.i.    |

| Shank- $\varnothing$ D mm | d mm | L mm  | L <sub>s</sub> mm | L <sub>1</sub> mm | L <sub>2</sub> mm | L <sub>3</sub> mm |
|---------------------------|------|-------|-------------------|-------------------|-------------------|-------------------|
| 32                        | 15   | 155.5 | 75                | 146.5             | ∞                 | 42.5              |
| 40                        | 30   | 155.5 | 120               | 146.5             | ∞                 | 42.5              |
| 50                        | 39.5 | 155.5 | 120               | 146.5             | 259.5             | 42.5              |
| 50                        | 33   | 175.5 | 120               | 146.5             | ∞                 | 62.5              |
| 50                        | 39.5 | 155.5 | 120               | 146.5             | ∞                 | 42.5              |
| 60                        | 48.4 | 155.5 | 120               | ∞                 | –                 | 42.5              |
| VDI30                     | 16.2 | 171.5 | 55                | 165.5             | 219.5             | 58.5              |
| VDI40                     | 25   | 171.5 | 63                | 165.5             | 219.5             | 58.5              |
| VDI50                     | 32   | 171.5 | 78                | 165.5             | 232.5             | 58.5              |



## Axial rolling system RS45

Type stationary



### Axial rolling system RS45

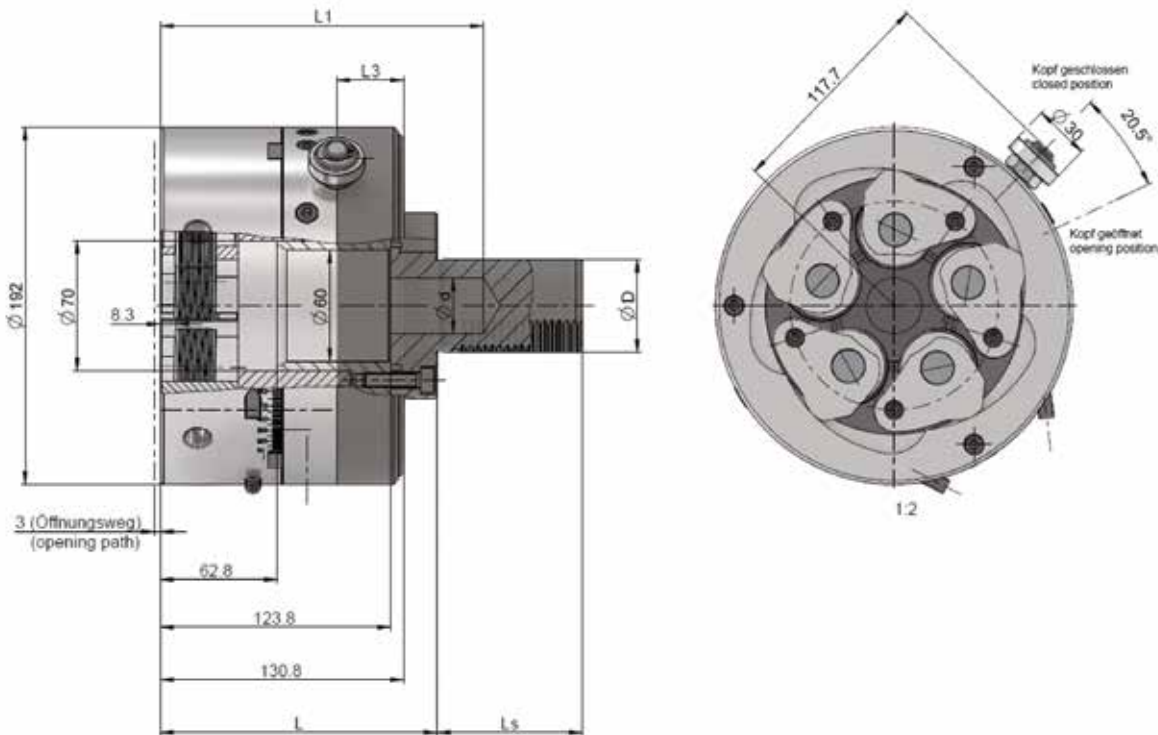
Weight 29.4 kg

|                             | mm    | inch        |
|-----------------------------|-------|-------------|
| Working range $\varnothing$ | 12–54 | 0.472–2.008 |
| Pitch max.                  | 4.5   | 6 t.p.i.    |

| Shank $\varnothing$ D mm | d mm | L mm  | L <sub>s</sub> mm | L <sub>1</sub> mm | L <sub>2</sub> mm | L <sub>3</sub> mm |
|--------------------------|------|-------|-------------------|-------------------|-------------------|-------------------|
| 50                       | 39.5 | 165.5 | 120               | 156.5             | 269.5             | 42.5              |
| 50                       | 39.5 | 165.5 | 120               | 156.5             | ∞                 | 42.5              |
| 60                       | 48.4 | 165.5 | 120               | ∞                 | –                 | 42.5              |
| VDI30                    | 16.2 | 181.5 | 55                | 175.5             | 229.6             | 58.5              |
| VDI40                    | 25   | 181.5 | 63                | 175.5             | 229.6             | 58.5              |
| VDI50                    | 32   | 181.5 | 78                | 175.5             | 242.5             | 58.5              |

## Axial rolling system RS60-5

Type stationary



### Axial rolling system RS60-5

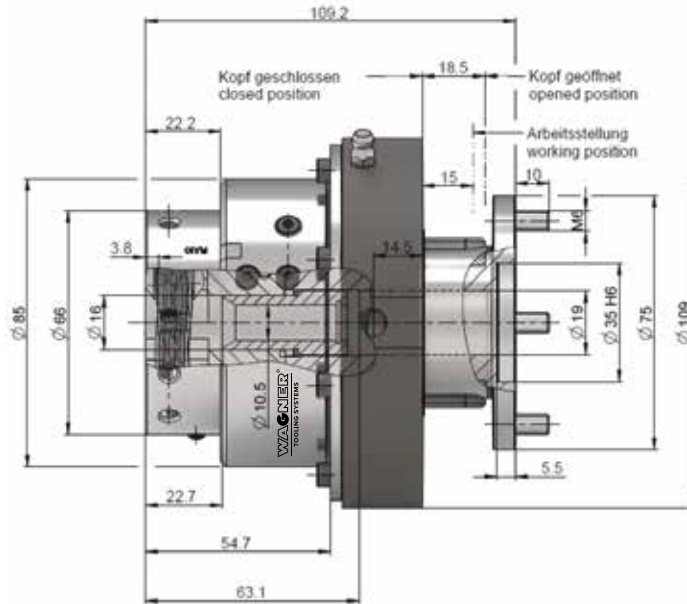
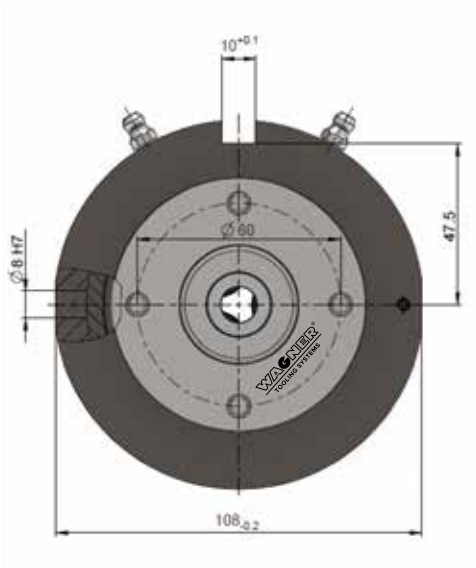
Weight 28.0 kg

|                             | mm    | inch       |
|-----------------------------|-------|------------|
| Working range $\varnothing$ | 32–60 | 1.26–2.244 |
| Pitch max.                  | 3.0   | 8 t.p.i.   |

| Shank- $\varnothing$ D mm | d mm | L mm  | L <sub>s</sub> mm | L <sub>1</sub> mm | L <sub>3</sub> mm |
|---------------------------|------|-------|-------------------|-------------------|-------------------|
| 40                        | –    | 133.8 | 80                | 100               | 39                |
| VDI40                     | –    | 148.8 | 63                | 123               | 54                |
| VDI50                     | –    | 148.8 | 78                | 123               | 54                |

## Axial rolling system RAR10-2

Type rotating



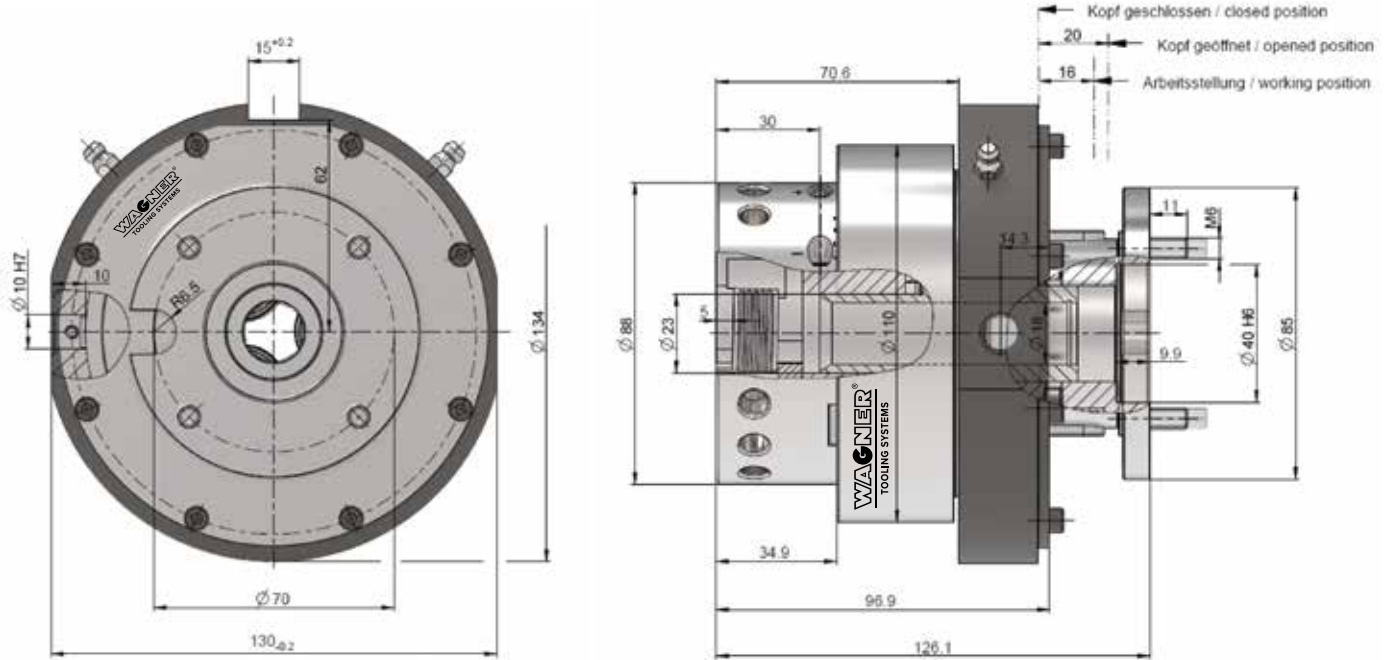
### Axial rolling system RAR10-2

Weight 3.4 kg

|                             | mm     | inch      |
|-----------------------------|--------|-----------|
| Working range $\varnothing$ | 2.5–10 | 0.1–0.394 |
| Pitch max.                  | 1.5    | 16 t.p.i. |

## Axial rolling system RAR16-2

Type rotating



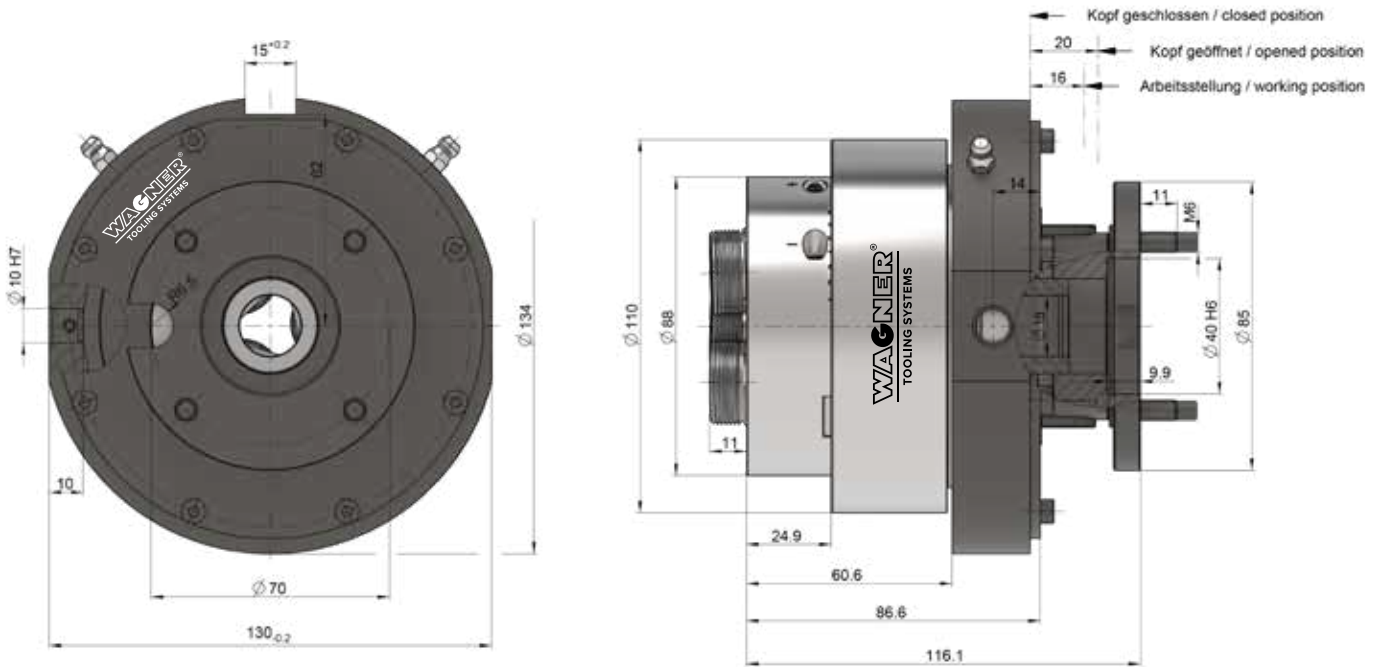
### Axial rolling system RAR16-2

Weight 5.7 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 3–24 | 0.118–0.945 |
| Pitch max.                  | 2    | 11 t.p.i.   |

## Axial rolling system RAR16-VB

Type rotating



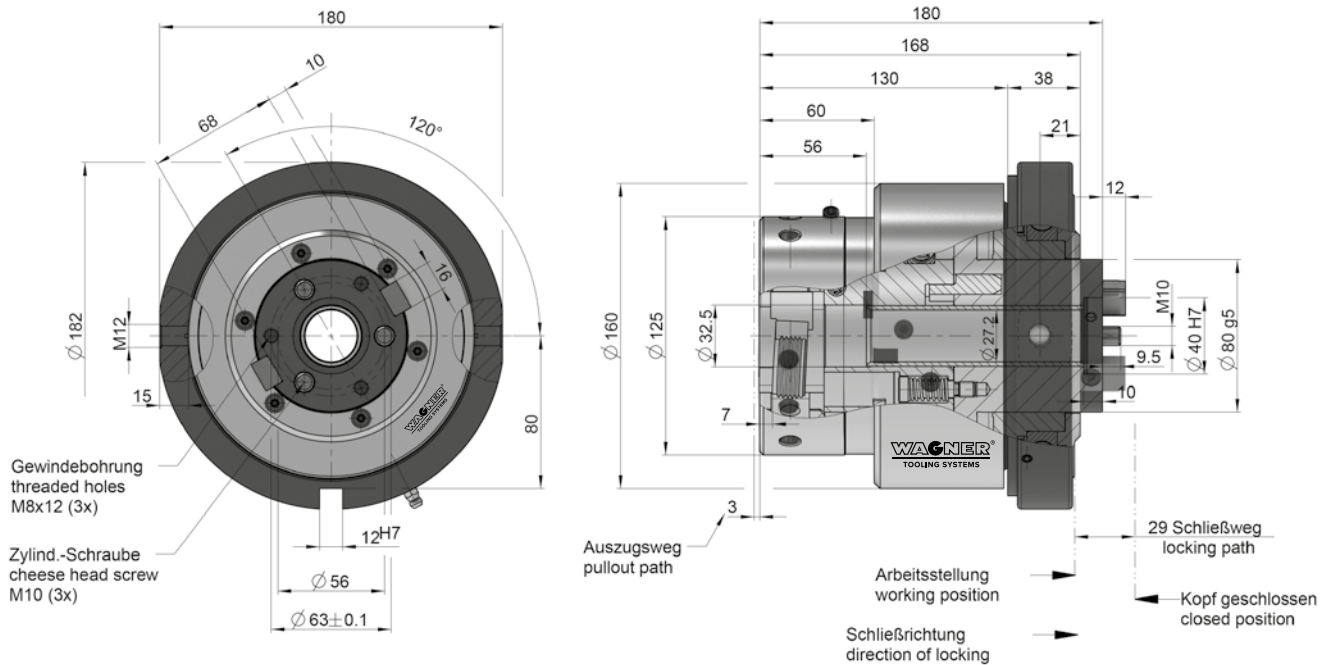
### Axial rolling system RAR16-VB

Weight 6 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 6–23 | 0.236–0.945 |
| Pitch max.                  | 1.75 | 14 t.p.i.   |

## Axial rolling system RR22-2

Type rotating



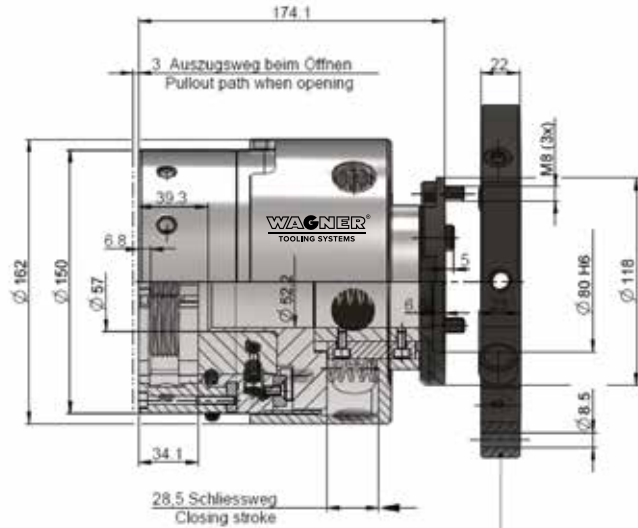
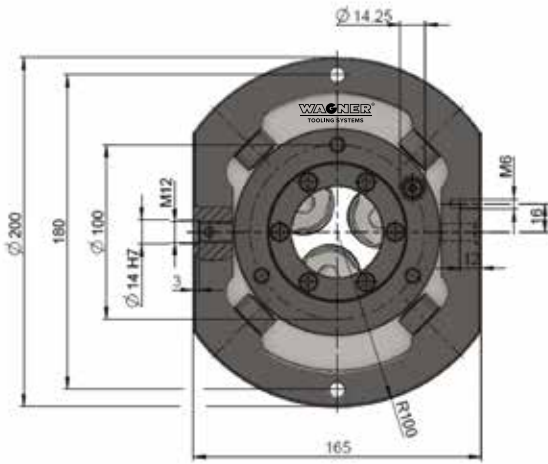
### Axial rolling system RR22-2

Weight 18.9 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 5–36 | 0.197–1.299 |
| Pitch max.                  | 3    | 8 t.p.i.    |

## Axial rolling system RR27/56

Type rotating



Druckring muss maschinenseitig befestigt und gesteuert werden.  
Pressure ring must be attached and controlled on the machine side.

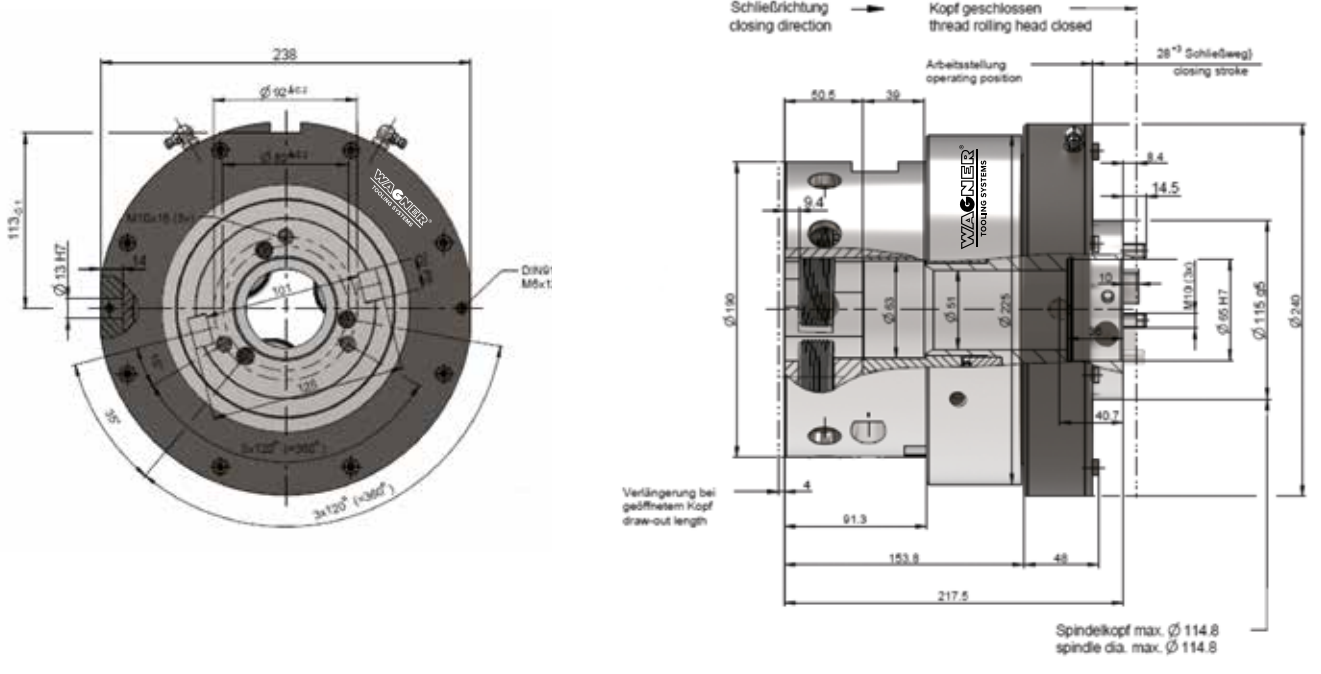
### Axial rolling system RR27/56

Weight 14.5 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 5–56 | 0.197–2.087 |
| Pitch max.                  | 3    | 8 t.p.i.    |

## Axial rolling system RR42

Type rotating



### Axial rolling system RR42

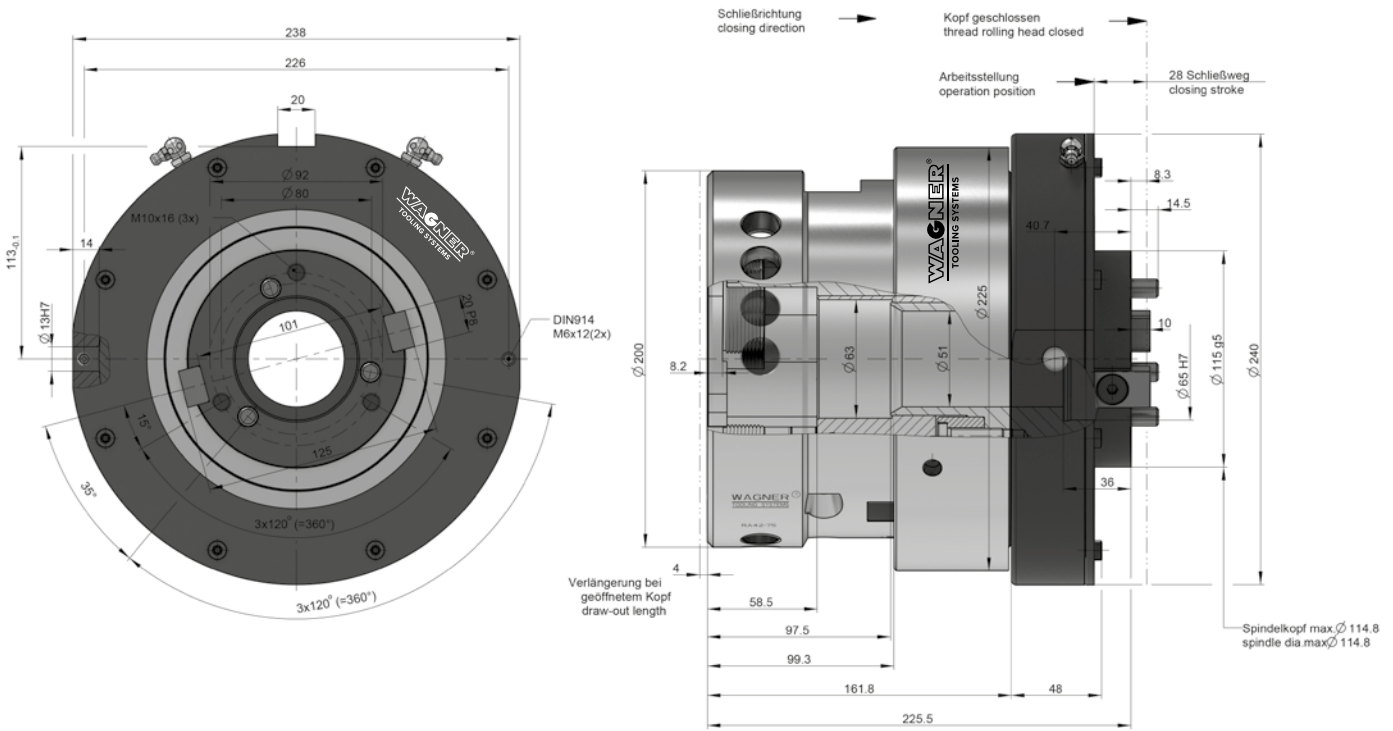
Weight 45 kg

|                             | mm   | inch        |
|-----------------------------|------|-------------|
| Working range $\varnothing$ | 8–42 | 0.315–1.654 |
| Pitch max.                  | 4.5  | 6 t.p.i.    |



## Axial rolling system RR42/75

Type rotating



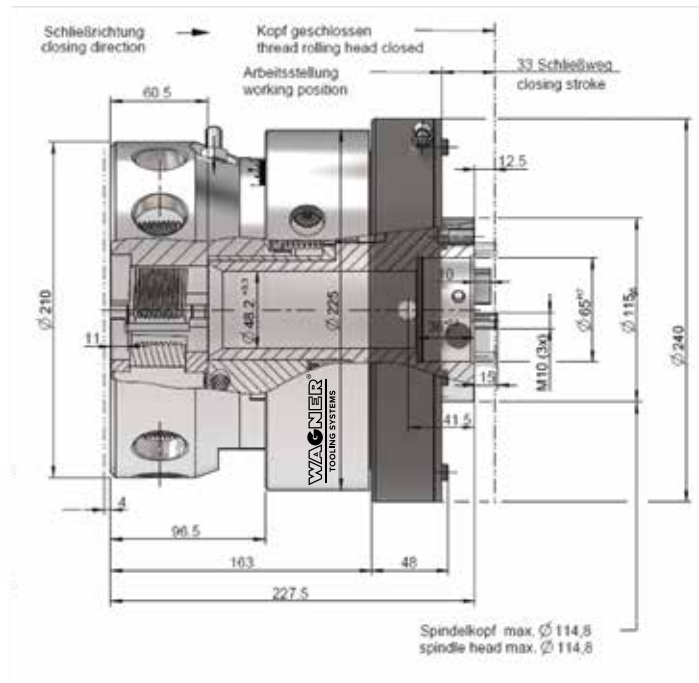
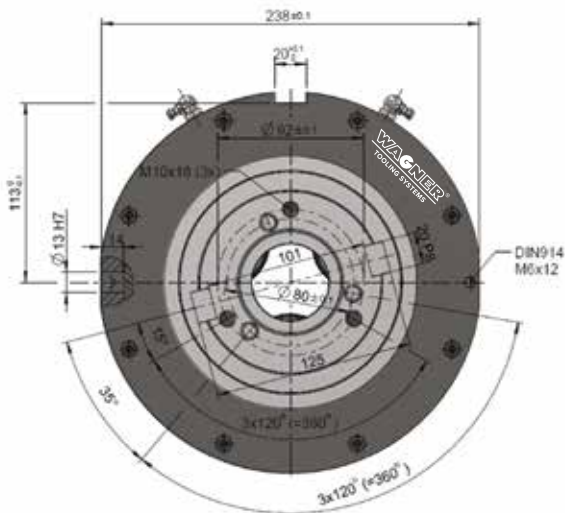
### Axial rolling system RR42/75

Weight 46.5 kg

|                             | mm    | inch        |
|-----------------------------|-------|-------------|
| Working range $\varnothing$ | 45–75 | 1.654–2.953 |
| Pitch max.                  | 4.5   | 6 t.p.i.    |

## Axial rolling system RR45

Type rotating



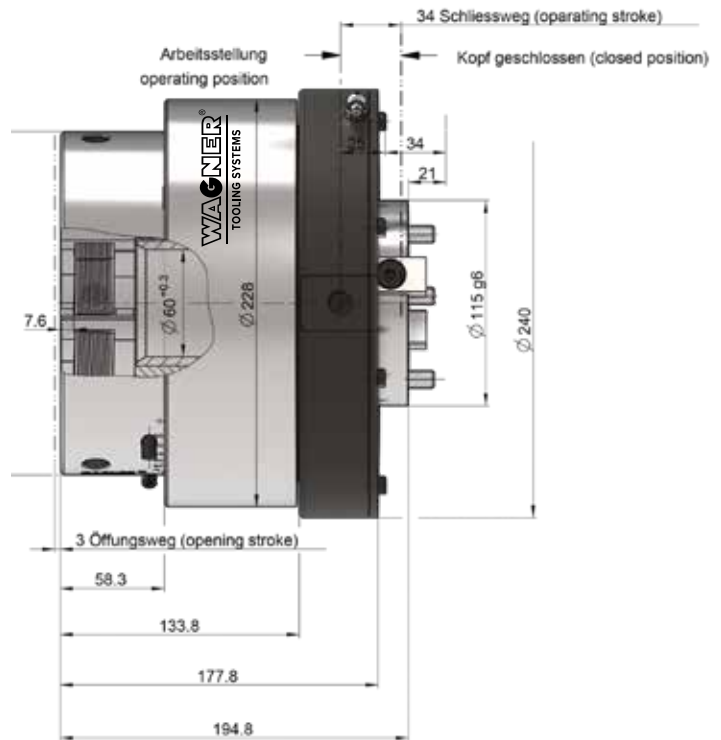
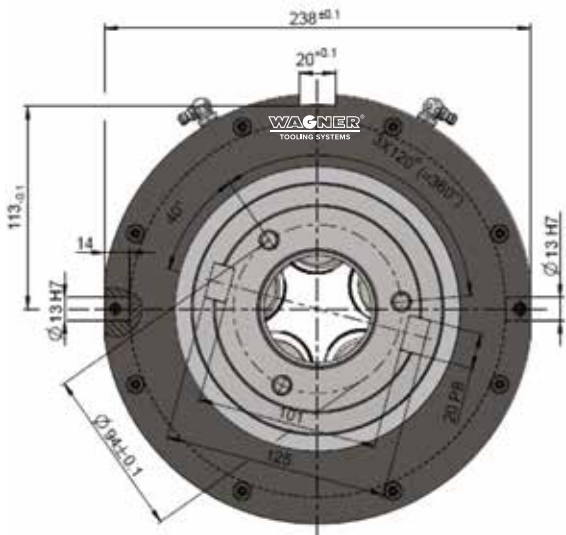
### Axial rolling system RR45

Weight 47 kg

|                             | mm    | inch        |
|-----------------------------|-------|-------------|
| Working range $\varnothing$ | 12–54 | 0.472–2.008 |
| Pitch max.                  | 4.5   | 6 t.p.i.    |

## Axial rolling system RR60-5

Type rotating



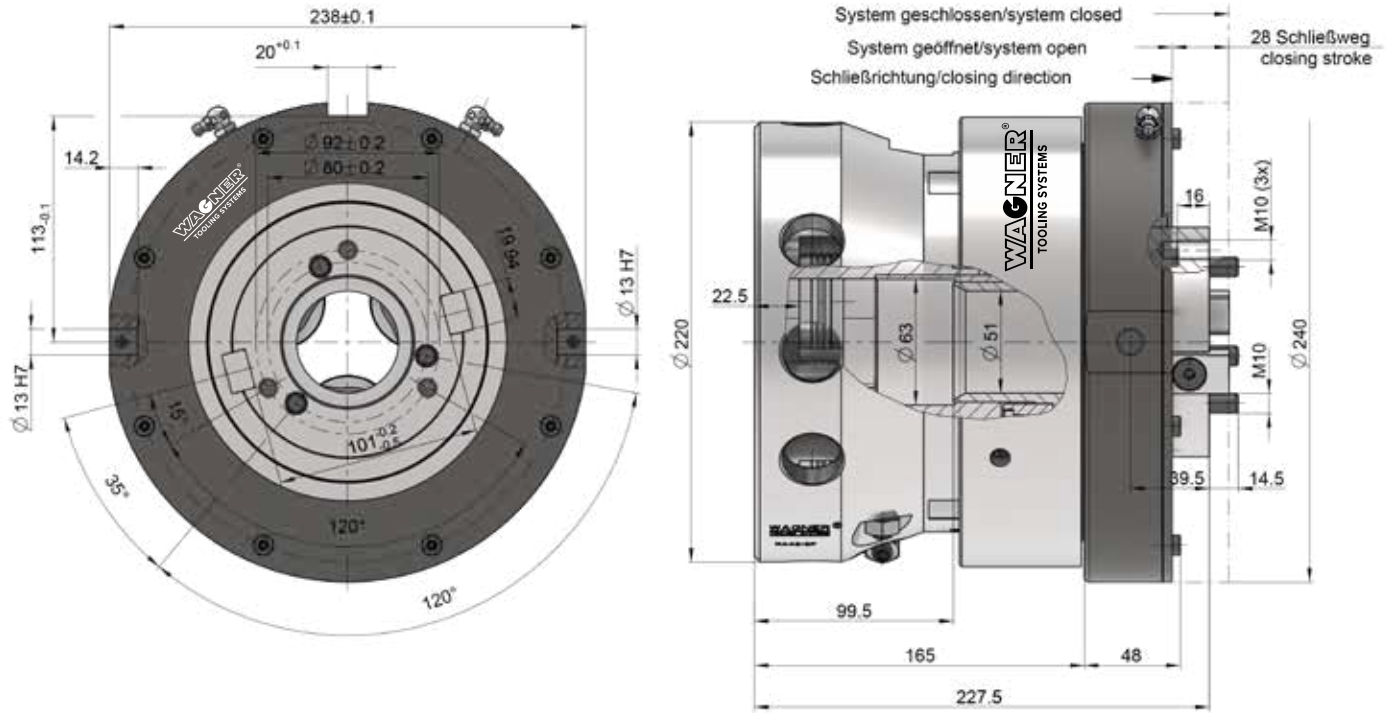
### Axial rolling system RR60-5

Weight 40 kg

|                             | mm    | inch      |
|-----------------------------|-------|-----------|
| Working range $\varnothing$ | 32–60 | 1.2–2.244 |
| Pitch max.                  | 3.0   | 8 t.p.i.  |

## Axial rolling system RR42-SF

Type rotating



### Axial rolling system RR42-SF

Weight 46.5 kg

|                             | mm   | inch       |
|-----------------------------|------|------------|
| Working range $\varnothing$ | 8–45 | 0.315–1.77 |