



ROTA-G

**Jaw quick-change chuck with
straight serrated base jaw
interface**

Versatile useable manual lathe chuck with jaw quick-change system for jaw change in 60 seconds.

The ROTA-G manual lathe chuck is designed for storage solutions and conventional lathes without hydraulic or pneumatic cylinders. Due to the base jaws with straight serration, this chuck is compatible with the ROTA THW3 and ROTA THW plus power lathe chucks, as well as the "R" system (Reishauer). Thanks to the quick-change system, the lathe chucks are suitable for flexible production from batch size 1 and there is no need to rebores the jaws on the chuck.

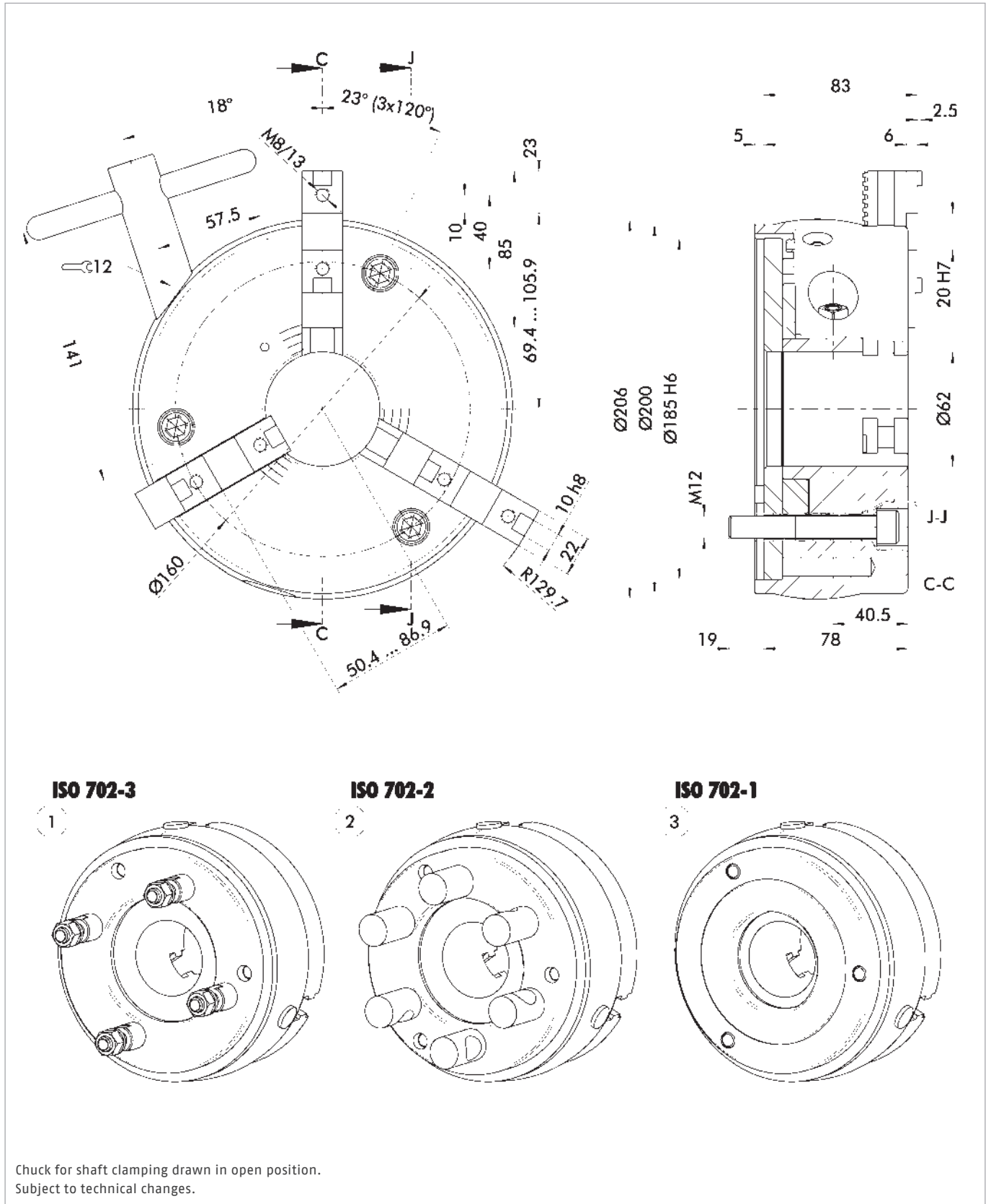


Advantages – Your benefits

- + Convenient jaw quick-change system**
Minimizing set-up times and costs
- + Hardened and extremely rigid base body**
Therefore a longer service life at highest precision. Even with maximum clamping force
- + Large through-hole**
Machining all standard pipe diameters
- + High efficiency of the wedge bar system**
Process-reliable clamping due to high clamping forces
- + High jaw quick-change repeat accuracy**
No reboring of already machined jaws necessary
- + Visual safety devices**
Maximum operating safety
- + Excellent clamping force/torque ratio**
Perfect use of the machine performance
- + Straight serrated base jaws GBK are compatible to system "R" (Reishauer)**
Flexible clamping of small and large workpieces
- + Ergonomic, light safety spanner wrench**
Ensures easy operation
- + Very easy handling**
Optimal operator convenience
- + All sides of the functional parts are hardened and ground**
High run-out and jaw change repeat accuracy

Technical data

| Description | Max. rotational speed [min ⁻¹] | Max. clamping force [kN] | Max. torque [Nm] | Stroke/jaw [mm] | Through-hole [mm] |
|----------------|---|-----------------------------|---------------------|--------------------|----------------------|
| ROTA-G 200-62 | 4600 | 95 | 90 | 6.8 | 62 |
| ROTA-G 250-82 | 4000 | 160 | 200 | 7.1 | 82 |
| ROTA-G 315-102 | 3200 | 200 | 210 | 8.5 | 102 |



- ① For short taper bayonet mount ISO 702-3 (similar DIN 55027)
- ② For short taper camlock mount ISO 702-2 (similar DIN 55029)

- ③ With intermediate flange for short taper ISO 702-1 (similar DIN 55026)

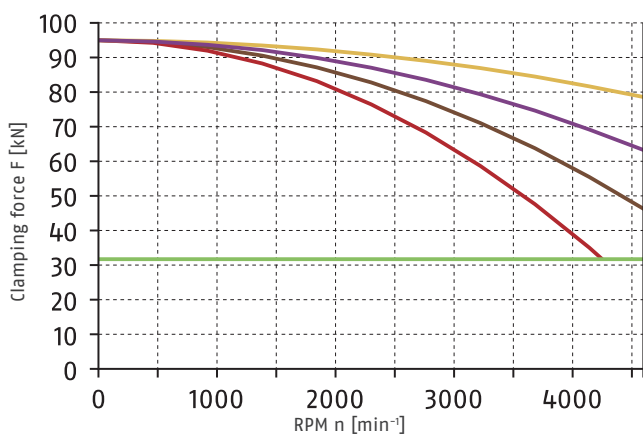
Technical data

| Spindle type | Spindle size | ID | Max. rotational speed [min ⁻¹] | Max. clamping force [kN] | Max. torque [Nm] | Stroke/jaw [mm] | Tooth pitch [mm] | Weight [kg] |
|--------------|--------------|---------|---|-----------------------------|---------------------|--------------------|---------------------|----------------|
| - | Z185 | 0815010 | 4600 | 95 | 90 | 6.8 | 4.7 | 16.3 |
| ISO 702-3 | Nr. 4 | 0815011 | 4600 | 95 | 90 | 6.8 | 4.7 | 20 |
| ISO 702-3 | Nr. 5 | 0815012 | 4600 | 95 | 90 | 6.8 | 4.7 | 20.2 |
| ISO 702-3 | Nr. 6 | 0815013 | 4600 | 95 | 90 | 6.8 | 4.7 | 20.1 |
| ISO 702-3 | Nr. 8 | 0815014 | 4600 | 95 | 90 | 6.8 | 4.7 | 22.7 |
| ISO 702-2 | Nr. 4 | 0815015 | 4600 | 95 | 90 | 6.8 | 4.7 | 21 |
| ISO 702-2 | Nr. 5 | 0815016 | 4600 | 95 | 90 | 6.8 | 4.7 | 21 |
| ISO 702-2 | Nr. 6 | 0815017 | 4600 | 95 | 90 | 6.8 | 4.7 | 21.3 |
| ISO 702-1 | Nr. 4 | 0815018 | 4600 | 95 | 90 | 6.8 | 4.7 | 19.4 |
| ISO 702-1 | Nr. 5 | 0815019 | 4600 | 95 | 90 | 6.8 | 4.7 | 19.1 |
| ISO 702-1 | Nr. 6 | 0815047 | 4600 | 95 | 90 | 6.8 | 4.7 | 18.8 |

Scope of delivery

Chuck, 1 set of base jaws with screws, chuck mounting screws, actuation key, eye bolt and operating manual

Clamping force-RPM-diagram



Required minimum clamping force F_{spmin} 33%

SHF 200
0.82 kg

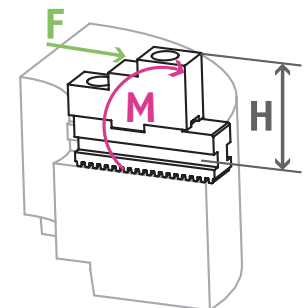
SFA 200
2 kg

GST 201
1.6 kg

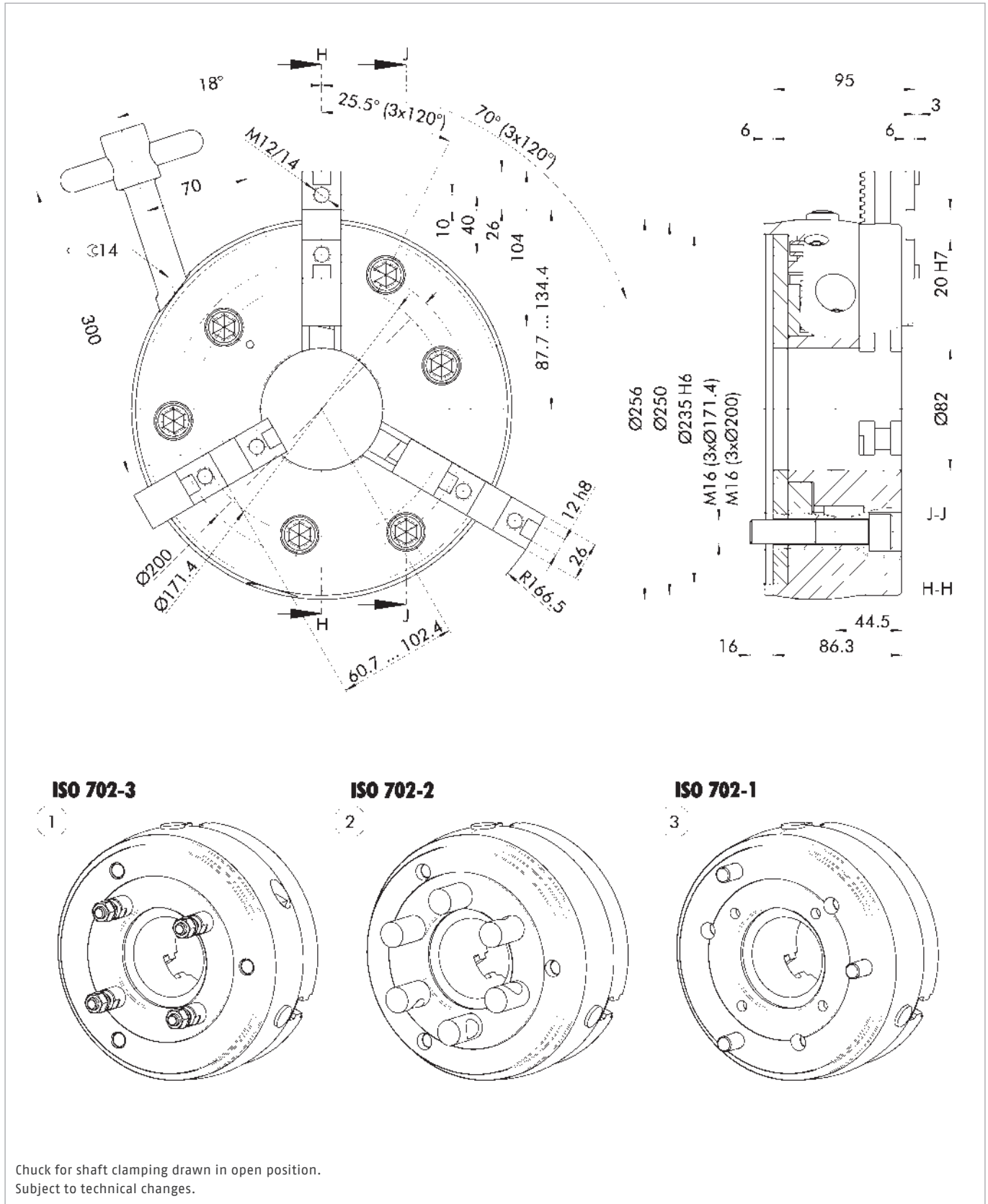
UVB 200
2.7 kg



Load of base jaw guidance



$M_{max} = 1583 \text{ Nm}$



① For short taper bayonet mount ISO 702-3 (similar DIN 55027)

② For short taper camlock mount ISO 702-2 (similar DIN 55029)

③ With intermediate flange for short taper ISO 702-1 (similar DIN 55026)

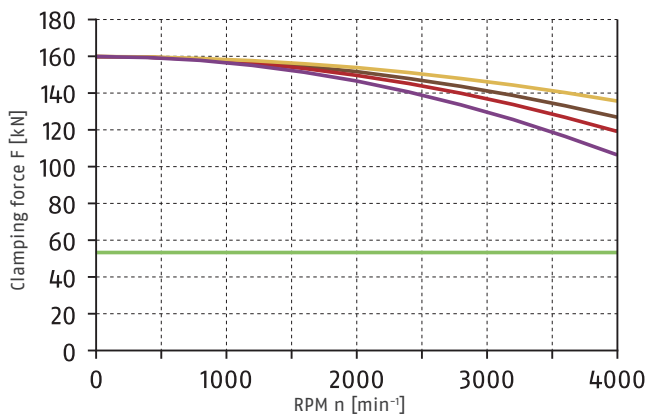
Technical data

| Spindle type | Spindle size | ID | Max. rotational speed [min ⁻¹] | Max. clamping force [kN] | Max. torque [Nm] | Stroke/jaw [mm] | Tooth pitch [mm] | Weight [kg] |
|--------------|--------------|---------|---|---|---------------------|--------------------|---------------------|----------------|
| - | Z235 | 0815020 | 4000 | 160 | 200 | 7.1 | 5.5 | 26.6 |
| ISO 702-3 | Nr. 5 | 0815021 | 4000 | 160 | 200 | 7.1 | 5.5 | 33.1 |
| ISO 702-3 | Nr. 6 | 0815022 | 4000 | 160 | 200 | 7.1 | 5.5 | 33.3 |
| ISO 702-3 | Nr. 8 | 0815023 | 4000 | 160 | 200 | 7.1 | 5.5 | 33.2 |
| ISO 702-2 | Nr. 5 | 0815024 | 4000 | 160 | 200 | 7.1 | 5.5 | 34.8 |
| ISO 702-2 | Nr. 6 | 0815025 | 4000 | 160 | 200 | 7.1 | 5.5 | 35.7 |
| ISO 702-2 | Nr. 8 | 0815026 | 4000 | 160 | 200 | 7.1 | 5.5 | 35.9 |
| ISO 702-1 | Nr. 5 | 0815027 | 4000 | 160 | 200 | 7.1 | 5.5 | 31.5 |
| ISO 702-1 | Nr. 6 | 0815028 | 4000 | 160 </td <td>200</td> <td>7.1</td> <td>5.5</td> <td>31.5</td> | 200 | 7.1 | 5.5 | 31.5 |
| ISO 702-1 | Nr. 8 | 0815029 | 4000 | 160 | 200 | 7.1 | 5.5 | 33.1 |

Scope of delivery

Chuck, 1 set of base jaws with screws, chuck mounting screws, actuation key, eye bolt and operating manual

Clamping force-RPM-diagram



Required minimum clamping force F_{spmin} 33%

SHF 250
1.9 kg



SFA 250
3.7 kg



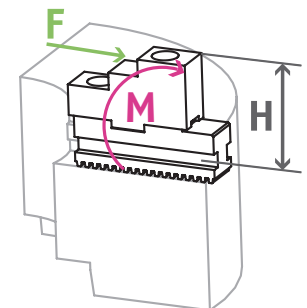
GST 251
2.8 kg



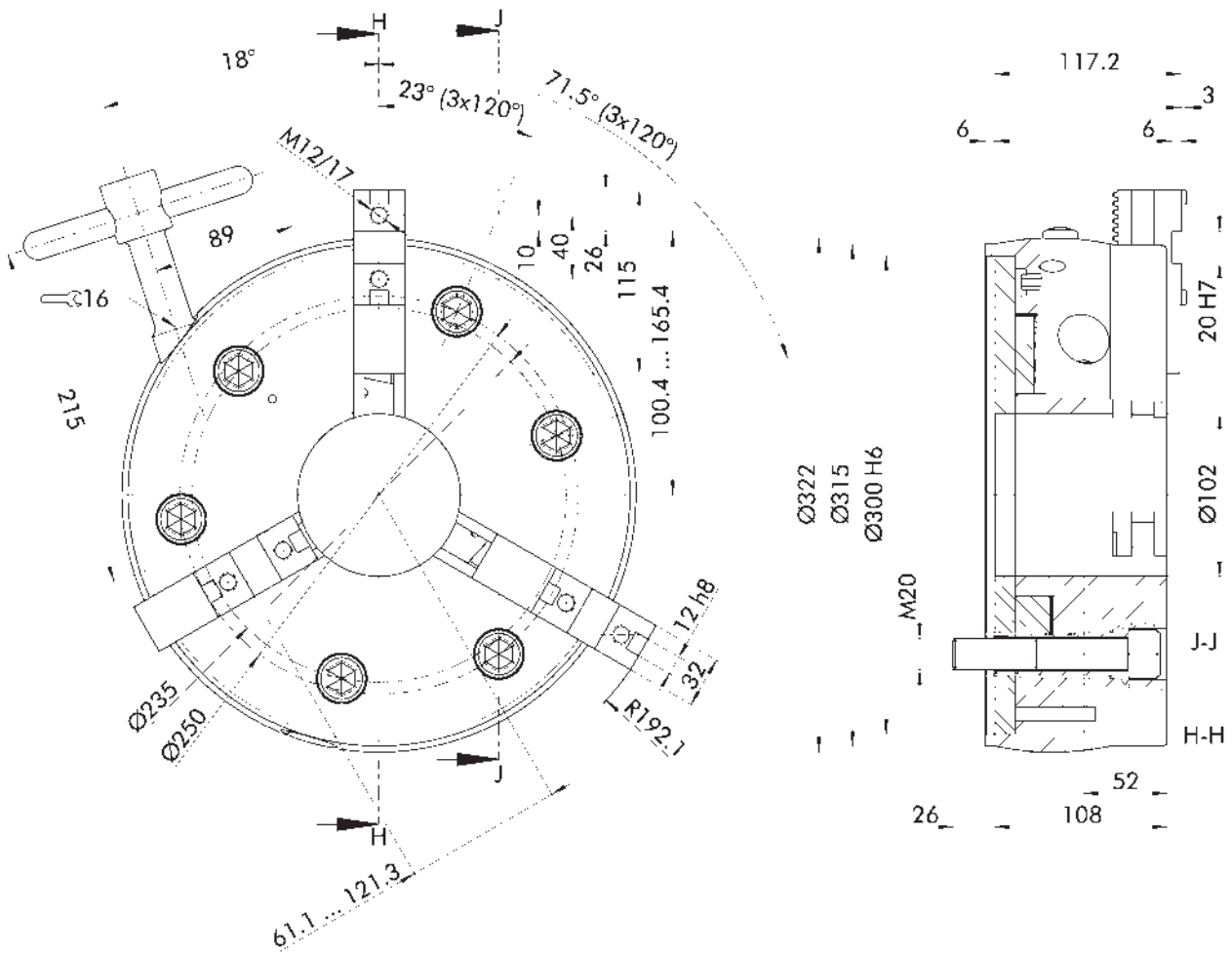
UVB 250
4.8 kg



Load of base jaw guidance



$M_{max} = 3547 \text{ Nm}$



ISO 702-3

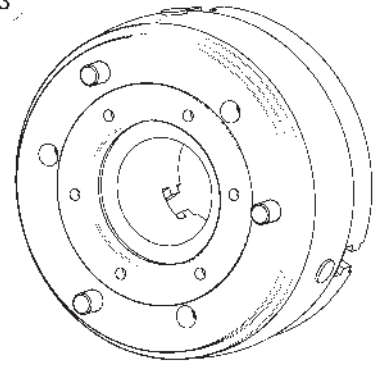
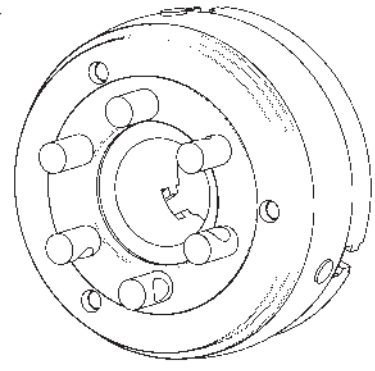
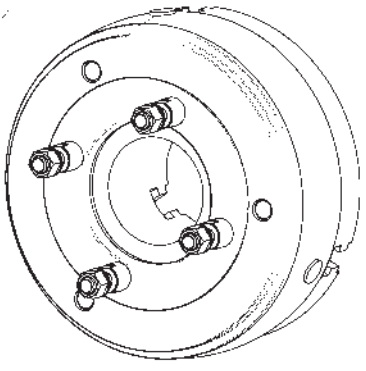
ISO 702-2

ISO 702-1

①

②

③



Chuck for shaft clamping drawn in open position.
Subject to technical changes.

- ① For short taper bayonet mount ISO 702-3 (similar DIN 55027)
- ② For short taper camlock mount ISO 702-2 (similar DIN 55029)

- ③ With intermediate flange for short taper ISO 702-1 (similar DIN 55026)

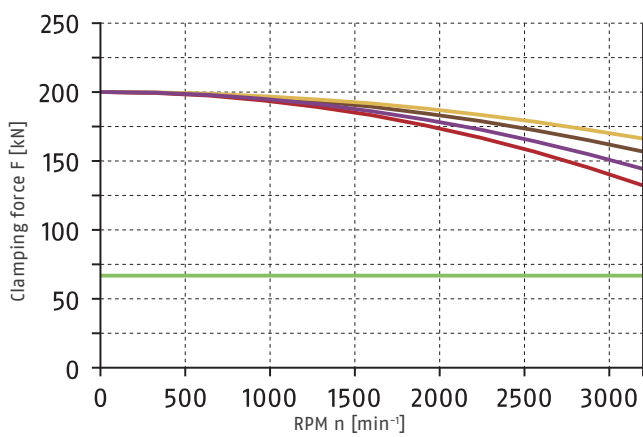
Technical data

| Spindle type | Spindle size | ID | Max. rotational speed [min ⁻¹] | Max. clamping force [kN] | Max. torque [Nm] | Stroke/jaw [mm] | Tooth pitch [mm] | Weight [kg] |
|--------------|--------------|---------|---|-----------------------------|---------------------|--------------------|---------------------|----------------|
| - | Z300 | 0815030 | 3200 | 200 | 210 | 8.5 | 5.5 | 52 |
| ISO 702-3 | Nr. 6 | 0815031 | 3200 | 200 | 210 | 8.5 | 5.5 | 65.7 |
| ISO 702-3 | Nr. 8 | 0815032 | 3200 | 200 | 210 | 8.5 | 5.5 | 65.7 |
| ISO 702-3 | Nr. 11 | 0815033 | 3200 | 200 | 210 | 8.5 | 5.5 | 64.5 |
| ISO 702-2 | Nr. 6 | 0815034 | 3200 | 200 | 210 | 8.5 | 5.5 | 65 |
| ISO 702-2 | Nr. 8 | 0815035 | 3200 | 200 | 210 | 8.5 | 5.5 | 69 |
| ISO 702-2 | Nr. 11 | 0815036 | 3200 | 200 | 210 | 8.5 | 5.5 | 68.7 |
| ISO 702-1 | Nr. 6 | 0815037 | 3200 | 200 | 210 | 8.5 | 5.5 | 63.3 |
| ISO 702-1 | Nr. 8 | 0815038 | 3200 | 200 | 210 | 8.5 | 5.5 | 61.9 |
| ISO 702-1 | Nr. 11 | 0815039 | 3200 | 200 | 210 | 8.5 | 5.5 | 62 |

Scope of delivery

Chuck, 1 set of base jaws with screws, chuck mounting screws, actuation key, eye bolt and operating manual

Clamping force-RPM-diagram



Required minimum clamping force F_{spmin} 33%

SHF 250
1.9 kg

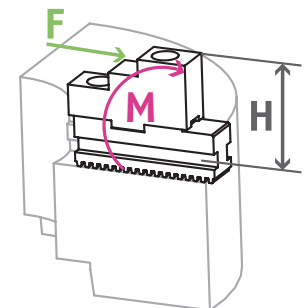
SFA 250
3.7 kg

GST 315
3.5 kg

UVB 315
7.6 kg

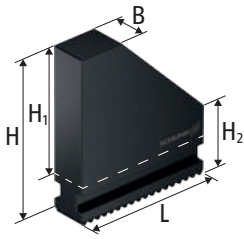


Load of base jaw guidance

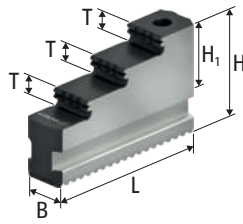


$M_{max} = 4600 \text{ Nm}$

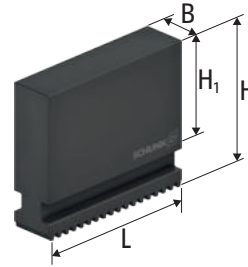
Base jaws, Hard stepped block jaws, Soft monoblock jaws with straight serration



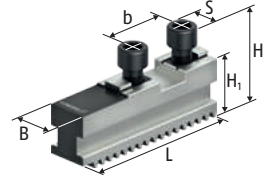
UVB-HS
Soft monoblock jaws



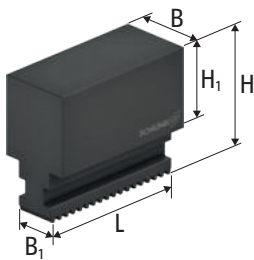
GST
Hard stepped block jaws



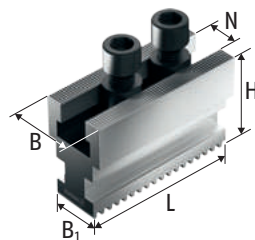
UVB
Soft monoblock jaws



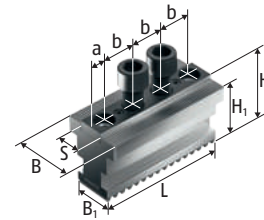
GBK
Base jaws



UVB-B
Soft monoblock jaws



STB-G
Base jaws



STNJ
Base jaws

Technical data

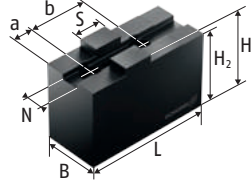
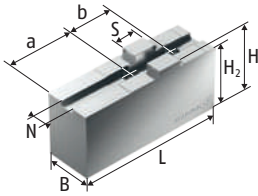
| Chuck type | Description | ID | N [mm] | S [mm] | B [mm] | B1 [mm] | H [mm] | H1 [mm] | H2 [mm] | L [mm] | T [mm] | a [mm] | b [mm] | Screws | m/SET [kg] |
|----------------|-------------|---------|-----------|-----------|-----------|------------|-----------|------------|------------|-----------|-----------|-----------|-----------|--------|---------------|
| ROTA-G 200-62 | UVB 200 | 0164100 | | | 22 | | 65 | 40 | | 84 | | | | | 2.7 |
| ROTA-G 200-62 | UVB-B 200 | 0164113 | | | 40 | 22 | 65 | 38 | | 84 | | | | | 3.9 |
| ROTA-G 200-62 | UVB-H 200 | 0164116 | | | 22 | | 85 | 60 | | 84 | | | | | 3.5 |
| ROTA-G 200-62 | UVB-HS 200 | 0164119 | | | 22 | | 85 | 60 | 29 | 84 | | | | | 2.7 |
| ROTA-G 200-62 | GBK 200 | 0159100 | 20 | 10 | 22 | | 32 | 29.5 | | 85 | | | 40 | M8 | 1.0 |
| ROTA-G 200-62 | GBKL 200 | 0159120 | 20 | 10 | 22 | | 32 | 29.5 | | 105 | | | 40 | M8 | 1.2 |
| ROTA-G 200-62 | GBK-V 200 | 0159150 | 20 | 10 | 22 | | 32 | 29.5 | | 85 | | | 40 | M8 | 1.0 |
| ROTA-G 200-62 | STB-G 200-1 | 0160655 | 17 | | 45 | 22 | 59 | | | 85 | | | | M12 | 3.0 |
| ROTA-G 200-62 | STNJ 200-5 | 0160650 | | 14 | 40 | 22 | 49.5 | 47 | | 95 | | 10 | 25 | M12 | 2.6 |
| ROTA-G 200-62 | GST 201 | 0162106 | | | 22 | | 54 | 29 | | 84.9 | 8 | | | | 1.6 |
| ROTA-G 250-82 | UVB 250 | 0164101 | | | 26 | | 84 | 55 | | 99 | | | | | 4.8 |
| ROTA-G 250-82 | UVB-B 250 | 0164114 | | | 46 | 26 | 84 | 52 | | 99 | | | | | 7.2 |
| ROTA-G 250-82 | UVB-H 250 | 0164117 | | | 26 | | 115 | 86 | | 99 | | | | | 6.6 |
| ROTA-G 250-82 | UVB-HS 250 | 0164120 | | | 26 | | 115 | 86 | 48 | 99 | | | | | 5.2 |
| ROTA-G 250-82 | GBK 250 | 0159101 | 20 | 12 | 26 | | 40 | 37 | | 104 | | | 40 | M12 | 1.8 |
| ROTA-G 250-82 | GBKL 250 | 0159121 | 20 | 12 | 26 | | 40 | 37 | | 125 | | | 40 | M12 | 2.2 |
| ROTA-G 250-82 | GBK-V 250 | 0159151 | 20 | 12 | 26 | | 40 | 37 | | 104 | | | 40 | M12 | 1.8 |
| ROTA-G 250-82 | STB-G 250-2 | 0160657 | 21 | | 50 | 26 | 71 | | | 104 | | | | M16 | 5.2 |
| ROTA-G 250-82 | STN 250-5 | 0160600 | | 17 | 40 | 26 | 50.5 | 48 | | 86 | | 10 | 22 | M12 | 2.6 |
| ROTA-G 250-82 | STN 250-6 | 0160601 | | 21 | 45 | 26 | 54.5 | 52 | | 110 | | 13 | 28 | M16 | 4.0 |
| ROTA-G 250-82 | STNJ 250-5 | 0160651 | | 16 | 40 | 26 | 52.5 | 49 | | 110 | | 10 | 30 | M12 | 2.9 |
| ROTA-G 250-82 | GST 251 | 0162105 | | | 26 | | 65 | 36 | | 107.5 | 10 | | | | 2.8 |
| ROTA-G 315-102 | UVB 315 | 0164102 | | | 32 | | 90 | 56 | | 121 | | | | | 7.6 |
| ROTA-G 315-102 | UVB-B 315 | 0164115 | | | 46 | 32 | 90 | 52 | | 121 | | | | | 9.6 |
| ROTA-G 315-102 | UVB-H 315 | 0164118 | | | 32 | | 135 | 101 | | 121 | | | | | 11.6 |
| ROTA-G 315-102 | UVB-HS 315 | 0164121 | | | 32 | | 135 | 101 | 52 | 121 | | | | | 9.0 |
| ROTA-G 315-102 | GBK 315 | 0159102 | 20 | 12 | 32 | | 46 | 43 | | 115 | | | 40 | M12 | 3.0 |
| ROTA-G 315-102 | GBKL 315 | 0159122 | 20 | 12 | 32 | | 46 | 43 | | 137 | | | 40 | M12 | 3.5 |

| Chuck type | Description | ID | N [mm] | S [mm] | B [mm] | B1 [mm] | H [mm] | H1 [mm] | H2 [mm] | L [mm] | T [mm] | a [mm] | b [mm] | Screws | m/SET [kg] |
|----------------|-------------|---------|-----------|-----------|-----------|------------|-----------|------------|------------|-----------|-----------|-----------|-----------|--------|---------------|
| ROTA-G 315-102 | GBK-V 315 | 0159152 | 20 | 12 | 32 | | 46 | 43 | | 115 | | | 40 | M12 | 3.0 |
| ROTA-G 315-102 | STB-G 315-2 | 0160659 | 21 | | 54 | 32 | 76 | | | 115 | | | | M16 | 7.5 |
| ROTA-G 315-102 | STN 315-6 | 0160603 | | 21 | 45 | 32 | 58.5 | 56 | | 110 | | 13 | 28 | M16 | 4.5 |
| ROTA-G 315-102 | STNJ 315-5 | 0160652 | | 18 | 50 | 32 | 56 | 54 | | 120 | | 15 | 30 | M14 | 4.9 |
| ROTA-G 315-102 | STNJ 315-6 | 0160665 | | 21 | 50 | 32 | 60 | 58 | | 125 | | 17.5 | 30 | M16 | 5.5 |
| ROTA-G 315-102 | GST 315 | 0162102 | | | 32 | | 66 | 32 | | 116.3 | 10 | | | | 3.5 |

Our complete range of chuck jaws can be found online in our Chuck Jaw Quickfinder and on schunk.com

Soft top jaws

with tongue and groove



SFA-AL
Soft top jaws

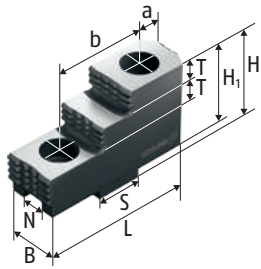
SFA
Soft top jaws

Technical data

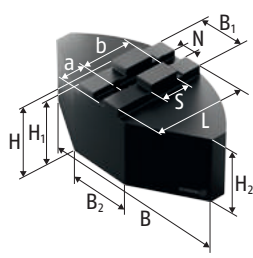
| Chuck type | Description | ID | N [mm] | S [mm] | B [mm] | H [mm] | H2 [mm] | L [mm] | a [mm] | b [mm] | Screws | m/SET [kg] |
|----------------|-------------|---------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|--------|---------------|
| ROTA-G 200-62 | SFA 200 | 0153101 | 10 | 20 | 22 | 47 | 43 | 105 | 25 | 40 | M8 | 2.0 |
| ROTA-G 200-62 | SFA-AL 200 | 0172102 | 10 | 20 | 25 | 50 | 46 | 105 | 40 | 40 | M8 | 0.9 |
| ROTA-G 200-62 | SFA 200-C1 | 0154100 | 10 | 20 | 30 | 55.5 | 51.5 | 100 | 13 | 40 | M8 | 3.2 |
| ROTA-G 200-62 | SFA 200-C2 | 0154124 | 10 | 20 | 22 | 55.5 | 51.5 | 100 | 13 | 40 | M8 | 2.2 |
| ROTA-G 200-62 | SFA 200-C3 | 0154128 | 10 | 20 | 40 | 40 | 36 | 70 | 13 | 40 | M8 | 2.1 |
| ROTA-G 200-62 | SFA 200-C4 | 0154130 | 10 | 20 | 40 | 60 | 56 | 85 | 13 | 40 | M8 | 4.0 |
| ROTA-G 200-62 | SFA 200-C5 | 0154132 | 10 | 20 | 40 | 80 | 76 | 95 | 13 | 40 | M8 | 6.1 |
| ROTA-G 250-82 | SFA 250 | 0153102 | 12 | 20 | 30 | 55.5 | 50.5 | 125 | 25 | 40 | M12 | 3.7 |
| ROTA-G 250-82 | SFA-AL 250 | 0172103 | 12 | 20 | 40 | 60 | 55 | 125 | 60 | 40 | M12 | 2.1 |
| ROTA-G 250-82 | SFA 250-C1 | 0154101 | 12 | 20 | 40 | 60 | 55 | 90 | 16 | 40 | M12 | 3.9 |
| ROTA-G 250-82 | SFA 250-C2 | 0154102 | 12 | 20 | 40 | 60 | 55 | 125 | 16 | 40 | M12 | 5.6 |
| ROTA-G 250-82 | SFA 250-C3 | 0154103 | 12 | 20 | 40 | 80 | 75 | 125 | 16 | 40 | M12 | 7.7 |
| ROTA-G 250-82 | SFA 250-C4 | 0154104 | 12 | 20 | 40 | 100 | 95 | 125 | 69 | 40 | M12 | 9.8 |
| ROTA-G 250-82 | SFA 250-C5 | 0154105 | 12 | 20 | 40 | 120 | 115 | 125 | 16 | 40 | M12 | 11.8 |
| ROTA-G 250-82 | SFA 250-C6 | 0154106 | 12 | 20 | 60 | 60 | 55 | 90 | 16 | 40 | M12 | 6.0 |
| ROTA-G 250-82 | SFA 250-C7 | 0154107 | 12 | 20 | 80 | 60 | 55 | 90 | 16 | 40 | M12 | 8.5 |
| ROTA-G 250-82 | SFA 250-C8 | 0154134 | 12 | 20 | 80 | 100 | 95 | 125 | 16 | 40 | M12 | 20.6 |
| ROTA-G 315-102 | SFA 250 | 0153102 | 12 | 20 | 30 | 55.5 | 50.5 | 125 | 25 | 40 | M12 | 3.7 |
| ROTA-G 315-102 | SFA-AL 250 | 0172103 | 12 | 20 | 40 | 60 | 55 | 125 | 60 | 40 | M12 | 2.1 |
| ROTA-G 315-102 | SFA 250-C1 | 0154101 | 12 | 20 | 40 | 60 | 55 | 90 | 16 | 40 | M12 | 3.9 |
| ROTA-G 315-102 | SFA 250-C2 | 0154102 | 12 | 20 | 40 | 60 | 55 | 125 | 16 | 40 | M12 | 5.6 |
| ROTA-G 315-102 | SFA 250-C3 | 0154103 | 12 | 20 | 40 | 80 | 75 | 125 | 16 | 40 | M12 | 7.7 |
| ROTA-G 315-102 | SFA 250-C4 | 0154104 | 12 | 20 | 40 | 100 | 95 | 125 | 69 | 40 | M12 | 9.8 |
| ROTA-G 315-102 | SFA 250-C5 | 0154105 | 12 | 20 | 40 | 120 | 115 | 125 | 16 | 40 | M12 | 11.8 |
| ROTA-G 315-102 | SFA 250-C6 | 0154106 | 12 | 20 | 60 | 60 | 55 | 90 | 16 | 40 | M12 | 6.0 |
| ROTA-G 315-102 | SFA 250-C7 | 0154107 | 12 | 20 | 80 | 60 | 55 | 90 | 16 | 40 | M12 | 8.5 |
| ROTA-G 315-102 | SFA 250-C8 | 0154134 | 12 | 20 | 80 | 100 | 95 | 125 | 16 | 40 | M12 | 20.6 |

Our complete range of chuck jaws can be found online in our Chuck Jaw Quickfinder and on schunk.com

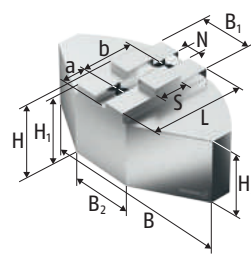
Hard stepped top jaws, Full grip jaws with tongue and groove



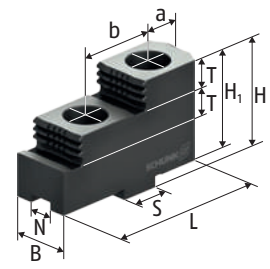
SHF
Hard stepped top jaws



SFA-SM
Full grip jaws



SFA-SA
Full grip jaws



SHF
Hard stepped top jaws

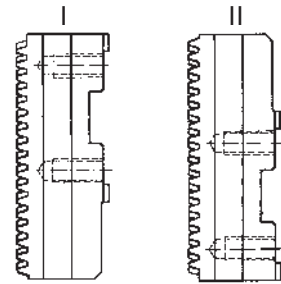
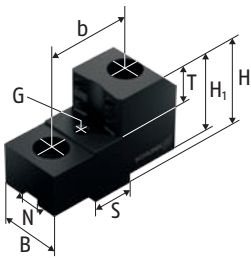
Technical data

| Chuck type | Description | ID | N [mm] | S [mm] | B [mm] | B1 [mm] | H [mm] | H1 [mm] | H2 [mm] | L [mm] | T [mm] | a [mm] | b [mm] | Screws | m/SET [kg] |
|----------------|-------------|---------|-----------|-----------|-----------|------------|-----------|------------|------------|-----------|-----------|-----------|-----------|--------|---------------|
| ROTA-G 200-62 | SFA-SA 200 | 0174101 | 10 | 20 | 140 | 35 | 58 | 54 | 48 | 72.5 | | 21.75 | 40 | M8 | 2.4 |
| ROTA-G 200-62 | SFA-SA 201 | 0174105 | 10 | 20 | 140 | 35 | 80 | 76 | 70 | 72.5 | | 21.75 | 40 | M8 | 3.5 |
| ROTA-G 200-62 | SFA-SM 200 | 0173101 | 10 | 20 | 140 | 35 | 60 | 56 | 50 | 70 | | 18 | 40 | M8 | 9.0 |
| ROTA-G 200-62 | SFA-SM 201 | 0173105 | 10 | 20 | 140 | 35 | 80 | 76 | 70 | 70 | | 18 | 40 | M8 | 12.5 |
| ROTA-G 200-62 | SHF 200 | 0155101 | 10 | 20 | 22 | | 42 | 38 | | 71.7 | 10 | 16 | 40 | M8 | 0.8 |
| ROTA-G 250-82 | SFA-SA 250 | 0174102 | 12 | 20 | 180 | 40 | 58 | 53 | 43 | 87.5 | | 33.75 | 40 | M12 | 3.4 |
| ROTA-G 250-82 | SFA-SA 251 | 0174106 | 12 | 20 | 180 | 40 | 80 | 75 | 65 | 87.5 | | 33.75 | 40 | M12 | 5.0 |
| ROTA-G 250-82 | SFA-SM 250 | 0173102 | 12 | 20 | 180 | 40 | 60 | 55 | 45 | 90 | | 34.5 | 40 | M12 | 12.8 |
| ROTA-G 250-82 | SFA-SM 251 | 0173106 | 12 | 20 | 180 | 40 | 80 | 75 | 65 | 90 | | 35 | 40 | M12 | 18.9 |
| ROTA-G 250-82 | SHF 250 | 0155102 | 12 | 20 | 30 | | 55 | 50 | | 90 | 14 | 21.1 | 40 | M12 | 1.9 |
| ROTA-G 315-102 | SFA-SA 250 | 0174102 | 12 | 20 | 180 | 40 | 58 | 53 | 43 | 87.5 | | 33.75 | 40 | M12 | 3.4 |
| ROTA-G 315-102 | SFA-SA 251 | 0174106 | 12 | 20 | 180 | 40 | 80 | 75 | 65 | 87.5 | | 33.75 | 40 | M12 | 5.0 |
| ROTA-G 315-102 | SFA-SM 250 | 0173102 | 12 | 20 | 180 | 40 | 60 | 55 | 45 | 90 | | 34.5 | 40 | M12 | 12.8 |
| ROTA-G 315-102 | SFA-SM 251 | 0173106 | 12 | 20 | 180 | 40 | 80 | 75 | 65 | 90 | | 35 | 40 | M12 | 18.9 |
| ROTA-G 315-102 | SHF 250 | 0155102 | 12 | 20 | 30 | | 55 | 50 | | 90 | 14 | 21.1 | 40 | M12 | 1.9 |

Our complete range of chuck jaws can be found online in our Chuck Jaw Quickfinder and on schunk.com

Claw jaws

with tongue and groove



Position of base jaws

SZKA
Claw jaws

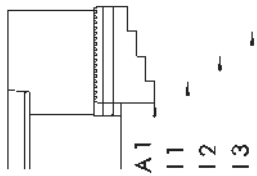
Technical data

| Chuck type | Clamping range ØD | Swing diameter SDmax | Position of base jaws | Description | ID | N | S | B | H | H1 | T | G | b | Screws | m/SET |
|----------------|-------------------|----------------------|-----------------------|-------------|---------|------|------|------|------|------|------|------|------|--------|-------|
| | [mm] | [mm] | | | | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | | [kg] |
| ROTA-G 200-62 | 36 - 90 | 257 | I | SZKA 212 | 0139153 | 10 | 20 | 26 | 49 | 45 | 25 | M6 | 40 | M8 | 1.4 |
| ROTA-G 200-62 | 111 - 165 | 257 | I | SZKA 213 | 0139154 | 10 | 20 | 30 | 49 | 45 | 25 | M6 | 40 | M8 | 1.3 |
| ROTA-G 200-62 | 146 - 200 | 262 | I | SZKA 216 | 0139159 | 10 | 20 | 30 | 49 | 45 | 25 | M6 | 40 | M8 | 1.2 |
| ROTA-G 200-62 | 73 - 127 | 257 | II | SZKA 213 | 0139154 | 10 | 20 | 30 | 49 | 45 | 25 | M6 | 40 | M8 | 1.3 |
| ROTA-G 250-82 | 86 - 170 | 322 | I | SZKA 263 | 0139160 | 12 | 20 | 30 | 55 | 50 | 25 | M6 | 40 | M12 | 1.5 |
| ROTA-G 250-82 | 143 - 228 | 322 | I | SZKA 266 | 0139163 | 12 | 20 | 40 | 55 | 50 | 25 | M6 | 40 | M12 | 1.9 |
| ROTA-G 250-82 | 177 - 262 | 336 | I | SZKA 268 | 0139165 | 12 | 20 | 40 | 55 | 50 | 25 | M6 | 40 | M12 | 2.2 |
| ROTA-G 250-82 | 31 - 107 | 319 | II | SZKA 263 | 0139160 | 12 | 20 | 30 | 55 | 50 | 25 | M6 | 40 | M12 | 1.5 |
| ROTA-G 315-102 | 112 - 233 | 385 | I | SZKA 263 | 0139160 | 12 | 20 | 30 | 55 | 50 | 25 | M6 | 40 | M12 | 1.5 |
| ROTA-G 315-102 | 203 - 320 | 408 | I | SZKA 268 | 0139165 | 12 | 20 | 40 | 55 | 50 | 25 | M6 | 40 | M12 | 2.2 |
| ROTA-G 315-102 | 38 - 145 | 380 | II | SZKA 263 | 0139160 | 12 | 20 | 30 | 55 | 50 | 25 | M6 | 40 | M12 | 1.5 |

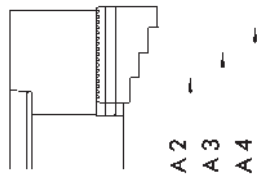
Our complete range of chuck jaws can be found online in our Chuck Jaw Quickfinder and on schunk.com

Hard stepped block jaws

with tongue and groove



Jaw position I



Jaw position II

O.D. clamping

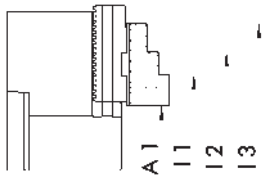
| Chuck type | Description | ID | A1 [mm] | A2 [mm] | A3 [mm] | A4 [mm] |
|----------------|-------------|---------|------------|------------|------------|------------|
| ROTA-G 200-62 | GST 201 | 0162106 | 9 - 89 | 41 - 125 | 90 - 173 | 138 - 221 |
| ROTA-G 250-82 | GST 251 | 0162105 | 9 - 106 | 61 - 157 | 116 - 212 | 171 - 267 |
| ROTA-G 315-102 | GST 315 | 0162102 | 8 - 138 | 77 - 204 | 133 - 260 | 189 - 316 |

I.D. clamping

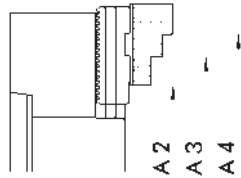
| Chuck type | Description | ID | I1 [mm] | I2 [mm] | I3 [mm] |
|----------------|-------------|---------|------------|------------|------------|
| ROTA-G 200-62 | GST 201 | 0162106 | 56 - 134 | 103 - 182 | 150 - 230 |
| ROTA-G 250-82 | GST 251 | 0162105 | 70 - 165 | 124 - 220 | 179 - 276 |
| ROTA-G 315-102 | GST 315 | 0162102 | 68 - 194 | 122 - 250 | 177 - 306 |

Hard stepped top jaws

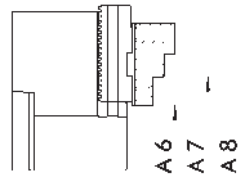
with tongue and groove



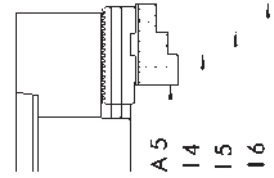
Position of base jaws II



Position of base jaws I



Position of base jaws II



Position of base jaws I

O.D. clamping

| Chuck type | Description | ID | A1 [mm] | A2 [mm] | A3 [mm] | A4 [mm] | A5 [mm] | A6 [mm] | A7 [mm] | A8 [mm] |
|----------------|-------------|---------|------------|------------|------------|------------|------------|------------|------------|------------|
| ROTA-G 200-62 | SHF 200 | 0155101 | 10 - 82 | 49 - 120 | 101 - 173 | 128 - 200 | 48 - 120 | 16 - 83 | 68 - 135 | 95 - 162 |
| ROTA-G 250-82 | SHF 250 | 0155102 | 11 - 103 | | 79 - 171 | 159 - 251 | 75 - 167 | | 41 - 107 | 121 - 187 |
| ROTA-G 315-102 | SHF 250 | 0155102 | 14 - 140 | | 104 - 232 | 184 - 312 | 100 - 228 | | 44 - 145 | 124 - 225 |

I.D. clamping

| Chuck type | Description | ID | I1 [mm] | I2 [mm] | I4 [mm] | I5 [mm] |
|----------------|-------------|---------|------------|------------|------------|------------|
| ROTA-G 200-62 | SHF 200 | 0155101 | 74 - 144 | 100 - 171 | 111 - 182 | 138 - 209 |
| ROTA-G 250-82 | SHF 250 | 0155102 | 92 - 182 | | 154 - 246 | |
| ROTA-G 315-102 | SHF 250 | 0155102 | 97 - 219 | 175 - 300 | 179 - 307 | |

Accessories

Clamping force tester

For measuring the jaw clamping force of 2, 3 and 6-jaw chucks up to 6,000 RPM.



| Suitable for | Description | ID |
|----------------|-------------|---------|
| ROTA-G 200-62 | | |
| ROTA-G 250-82 | | |
| ROTA-G 315-102 | IFT Set | 1404235 |

Maintenance kit

Consisting of a grease gun, LINOMAX plus grease cartridge, chip protection, and sealing plug.



| Suitable for | Description | ID |
|----------------|-------------|---------|
| ROTA-G 200-62 | WTS-G 200 | 0899054 |
| ROTA-G 250-82 | WTS-G 250 | 0899055 |
| ROTA-G 315-102 | WTS-G 315 | 0899056 |

Torque wrench

Torque wrench for actuation of SCHUNK manual lathe chucks.



| Suitable for | Description | ID |
|----------------|-------------------|---------|
| ROTA-G 200-62 | | |
| ROTA-G 250-82 | SSH-D-1/2" 40-200 | 9938065 |
| ROTA-G 315-102 | SSH-D-1/2" 60-300 | 1301281 |

Square actuation wrench

Spanner wrench for manual actuation of the SCHUNK ROTA-S plus and ROTA-G manual lathe chucks.



| Suitable for | Description | ID |
|----------------|-----------------|---------|
| ROTA-G 200-62 | SSH-VK SW12-165 | 8700129 |
| ROTA-G 250-82 | SSH-VK SW14-225 | 8700087 |
| ROTA-G 315-102 | SSH-VK SW16-235 | 8700130 |

Long square actuation wrench

Spanner wrench for manual actuation of the SCHUNK ROTA-S plus and ROTA-G manual lathe chucks.



| Suitable for | Description | ID |
|----------------|-----------------|----------|
| ROTA-G 200-62 | SSH-VL SW12-350 | 88002867 |
| ROTA-G 250-82 | SSH-VL SW14-420 | 88001684 |
| ROTA-G 315-102 | SSH-VL SW16-420 | 88001937 |

Wrench with pin and movable cross handle

Spanner wrench with ejector for manual actuation of SCHUNK ROTA-S plus and ROTA-G manual lathe chucks.



| Suitable for | Description | ID |
|----------------|-----------------|----------|
| ROTA-G 200-62 | SSH-VQ SW12-165 | 88004520 |
| ROTA-G 250-82 | SSH-VQ SW14-225 | 88004521 |
| ROTA-G 315-102 | SSH-VQ SW16-235 | 88018577 |

Square connection for torque wrench

Extension for torque wrench for actuation of SCHUNK ROTA-S plus and ROTA-G manual chucks.



| Suitable for | Description | ID |
|----------------|-----------------|---------|
| ROTA-G 200-62 | SAV-I 1/2"-SW12 | 8702914 |
| ROTA-G 250-82 | SAV-I 1/2"-SW14 | 8702915 |
| ROTA-G 315-102 | SAV-I 1/2"-SW16 | 8702916 |

Sealing plug

For closing the through-hole on manual lathe chucks ROTA-S plus 2.0, ROTA-S plus and ROTA-G.



| Suitable for | Description | ID |
|----------------|-------------|---------|
| ROTA-G 200-62 | VST Ø62 | 8702868 |
| ROTA-G 250-82 | VST Ø82 | 8703040 |
| ROTA-G 315-102 | VST Ø102 | 8702870 |

Chip protection

For better protection against the penetration of chips for the manual lathe chucks ROTA-S plus 2.0, ROTA-S plus and ROTA-G.



| Suitable for | Description | ID |
|----------------|-------------|---------|
| ROTA-G 200-62 | SPS 160/200 | 9966639 |
| ROTA-G 250-82 | SPS 250 | 9966640 |
| ROTA-G 315-102 | SPS 315 | 9966641 |

Grease

LINOMAX plus

High-performance grease as standard for regularly lubricating SCHUNK manual and power lathe chucks and steady rests.



| Bundle | Description | ID |
|-----------|------------------------|---------|
| Cartridge | LINOMAX plus cartridge | 1342585 |
| Can | LINOMAX plus can | 1342586 |
| Bucket | LINOMAX plus bucket | 1342587 |

Grease gun

Auxiliary tools for lubrication of all kinds of SCHUNK products. The grease gun can be used for cartridges of all types of SCHUNK grease.



| Bundle | Description | ID |
|-----------|-------------|---------|
| Cartridge | Grease gun | 9900543 |



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