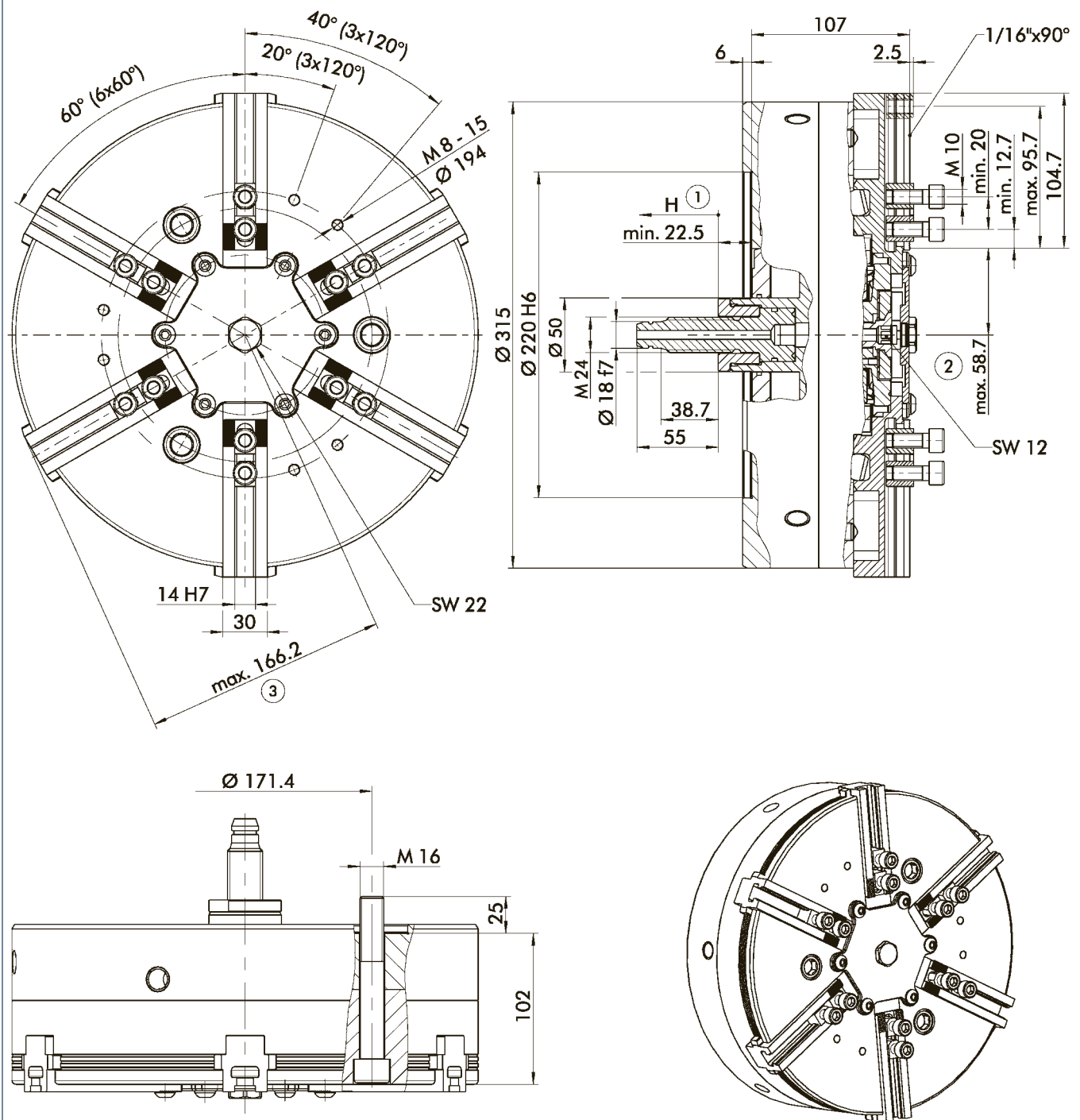


DIN 6353 Z 220



Futter für Wellenspannung in geöffneter Stellung dargestellt
 Pendelausgleich in Mittelstellung dargestellt
 Technische Änderungen vorbehalten

Chuck in open position
 Pendulum compensation shown in center position
 Subject to technical changes

- ① Richtung des Kolbenhubes
- ② Abstand auf 1. Zahngrund
- ③ Schwingkreisradius

- ① Piston stroke direction
- ② Distance to 1st. tooth depth
- ③ Swing diameter radius

Technische Daten

| Spindel Spindle | Max. Betätigungskraft Max. actuating force | Max. Spannkraft Max. clamping force | Max. Drehzahl Max. RPM | Hub/Backe Stroke/Jaw | Kolbenhub (H) Piston stroke (H) | Pendelausgleich Pivoting compensation | Trägheitsmoment Moment of inertia | Gewicht Weight |
|-----------------------|---|--|---------------------------|-------------------------|------------------------------------|--|--------------------------------------|-------------------|
| ID | [kN] | [kN] | [min ⁻¹] | [mm] | [mm] | [mm] | [kgm ²] | [kg] |
| DIN 6353 Z220 0860041 | 40.0 | 80.0 | 2500 | 8.0 | 20.0 | 2+2 | 0.71 | 54.0 |
| DIN 6353 Z220 0860046 | 40.0 | 80.0 | 2500 | 8.0 | 20.0 | 2+2 | 0.71 | 54.0 |

Technical data

ID 0860046 mit Fliehkraftausgleich (Futterbauhöhe auf Anfrage)

ID 0860046 with centrifugal force compensation (chuck height on request)

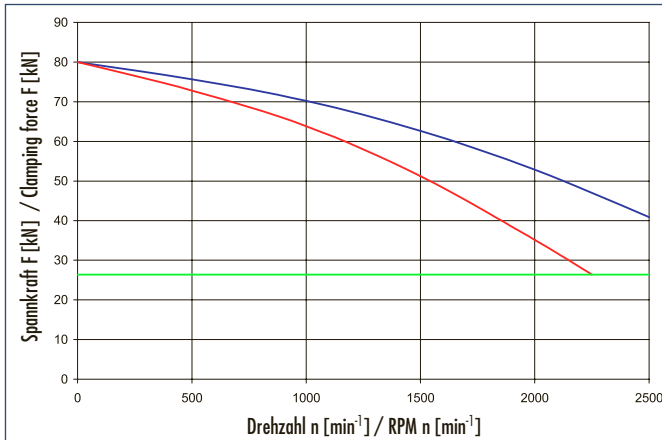
Lieferumfang

Futter, Nutensteine bzw. Befestigungsschrauben für Aufsatzbacken, Futter-Befestigungsschrauben, Ringschraube und Betriebsanleitung

Scope of delivery



Chuck, T-nuts and/or mounting screws for top jaws, chuck mounting bolts, eye bolt and operating manual

Spannkraft-Drehzahl-Diagramm



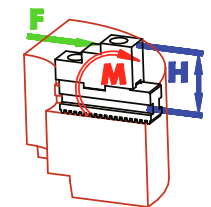
① siehe Seite 545

Clamping force-RPM-diagram

- Restspannkraft/Residual clamp. force 33 %
- SHB 165  2.6 kg
- SWB 165  5.0 kg

① see page 545

Führungsbahnbelastung
Load of base jaw guidance



M_{max} = 800 Nm

① siehe Seite 546

① see page 546



Spezialfett
siehe Kapitel Zubehör

Special grease
see chapter accessories



Standardbacken
siehe Seite 328

Standard chuck jaws
see page 328



Flansche
siehe Seite 486

Adapter plates
see page 486



Spannkraftmessgerät
siehe Kapitel Zubehör

Gripping force tester
see chapter accessories

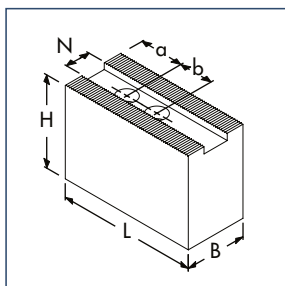
Aufsatzbacken Spitzverzahnung · Top Jaws Fine Serration

SWB, SWBL, SWB-AL und SHB

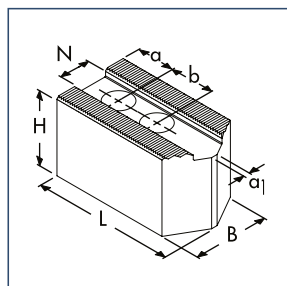
für ROTA NCR 250 bis 1000

SWB, SWBL, SWB-AL and SHB

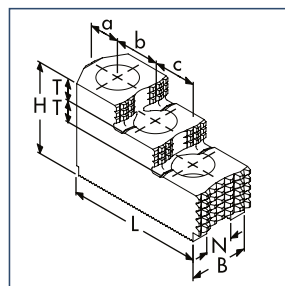
for ROTA NCR 250 up to 1000



Aufsatzbacken weich, SWB und SWB-AL
Soft top jaws, SWB and SWB-AL



Aufsatzbacken weich, SWBL
Soft top jaws, SWBL



Aufsatzbacken hart, SHB
Hard top jaws, SHB

Technische Daten – Aufsatzbacken

Technical data – Top jaws

| Futtertype Chuck type | Bezeichnung Description | ID | Material | N [mm] | B [mm] | H [mm] | L [mm] | a [mm] | b [mm] | c [mm] | a ₁ [mm] | Schrauben Screws | Satz Set [kg] |
|--------------------------|----------------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------|---------------------|---------------------|
| ROTA NCR 250 | SWB 165 | 0120101 | 16MnCr5 | 14.0 | 35.0 | 60.0 | 68.0 | 15.0 | 20.0 | | | M10 | 2.5 |
| | SWBL 165 | 0120152 | 16MnCr5 | 14.0 | 35.0 | 40.0 | 80.0 | 15.0 | 20.0 | | 4.0 | M10 | 2.1 |
| | SWB-AL 165 | 0168105 | ALU | 14.0 | 35.0 | 60.0 | 80.0 | 15.0 | 20.0 | | | M10 | 1.2 |
| | SHB 165 | 0121101 | hart/hard | 14.0 | 30.0 | 46.0 | 78.0 | 16.0 | 22.0 | 22.0 | | M10 | 1.3 |
| ROTA NCR 315 | SWB 165 | 0120101 | 16MnCr5 | 14.0 | 35.0 | 60.0 | 68.0 | 15.0 | 20.0 | | | M10 | 2.5 |
| | SWBL 165 | 0120152 | 16MnCr5 | 14.0 | 35.0 | 40.0 | 80.0 | 15.0 | 20.0 | | 4.0 | M10 | 2.1 |
| | SWB-AL 165 | 0168105 | ALU | 14.0 | 35.0 | 60.0 | 80.0 | 15.0 | 20.0 | | | M10 | 1.2 |
| | SHB 165 | 0121101 | hart/hard | 14.0 | 30.0 | 46.0 | 78.0 | 16.0 | 22.0 | 22.0 | | M10 | 1.3 |
| ROTA NCR 400 | SWB 250 | 0120105 | 16MnCr5 | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 9.4 |
| | CWB 251 | 0100012 | 16MnCr5 | 21.0 | 50.0 | 60.0 | 95.0 | 15.0 | 28.0 | | | M16 | 5.2 |
| | SWB-AL 250 | 0168102 | ALU | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 3.0 |
| | SWBL 250/21 | 0120155 | 16MnCr5 | 21.0 | 50.0 | 50.0 | 120.0 | 20.0 | 28.0 | | 4.0 | M16 | 5.6 |
| | SHB 315 | 0121111 | hart/hard | 21.0 | 50.0 | 58.0 | 128.0 | 46.0 | 30.0 | 30.0 | | M16 | 4.6 |
| ROTA NCR 500 | SWB 250 | 0120105 | 16MnCr5 | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 9.4 |
| | CWB 251 | 0100012 | 16MnCr5 | 21.0 | 50.0 | 60.0 | 95.0 | 15.0 | 28.0 | | | M16 | 5.2 |
| | SWB-AL 250 | 0168102 | ALU | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 3.0 |
| | SWBL 250/21 | 0120155 | 16MnCr5 | 21.0 | 50.0 | 50.0 | 120.0 | 20.0 | 28.0 | | 4.0 | M16 | 5.6 |
| | SHB 315 | 0121111 | hart/hard | 21.0 | 50.0 | 58.0 | 128.0 | 46.0 | 30.0 | 30.0 | | M16 | 4.6 |
| ROTA NCR 630 | SWB 250 | 0120105 | 16MnCr5 | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 9.4 |
| | CWB 251 | 0100012 | 16MnCr5 | 21.0 | 50.0 | 60.0 | 95.0 | 15.0 | 28.0 | | | M16 | 5.2 |
| | SWB-AL 250 | 0168102 | ALU | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 3.0 |
| | SWBL 250/21 | 0120155 | 16MnCr5 | 21.0 | 50.0 | 50.0 | 120.0 | 20.0 | 28.0 | | 4.0 | M16 | 5.6 |
| | SHB 315 | 0121111 | hart/hard | 21.0 | 50.0 | 58.0 | 128.0 | 46.0 | 30.0 | 30.0 | | M16 | 4.6 |
| ROTA NCR 800 | SWB 250 | 0120105 | 16MnCr5 | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 9.4 |
| | CWB 251 | 0100012 | 16MnCr5 | 21.0 | 50.0 | 60.0 | 95.0 | 15.0 | 28.0 | | | M16 | 5.2 |
| | SWB-AL 250 | 0168102 | ALU | 21.0 | 50.0 | 80.0 | 120.0 | 30.0 | 28.0 | | | M16 | 3.0 |
| | SWBL 250/21 | 0120155 | 16MnCr5 | 21.0 | 50.0 | 50.0 | 120.0 | 20.0 | 28.0 | | 4.0 | M16 | 5.6 |
| | SHB 315 | 0121111 | hart/hard | 21.0 | 50.0 | 58.0 | 128.0 | 46.0 | 30.0 | 30.0 | | M16 | 4.6 |
| ROTA NCR 1000 | SWB 400 | 0120107 | 16MnCr5 | 25.5 | 60.0 | 90.0 | 155.0 | 30.0 | 35.0 | | | M20 | 18.3 |
| | CWB 400 | 0100008 | 16MnCr5 | 25.5 | 60.0 | 80.0 | 140.0 | 30.0 | 35.0 | | | M20 | 12.6 |
| | SWB-AL 400 | 0168103 | ALU | 25.5 | 60.0 | 100.0 | 155.0 | 30.0 | 35.0 | | | M20 | 6.4 |
| | SHB 400 | 0121107 | hart/hard | 25.5 | 60.0 | 75.0 | 140.0 | 53.0 | 31.0 | 31.0 | | M20 | 8.0 |

① Bitte bestellen Sie jeweils 2 Sätze à 3 Stück = 1 Satz für 6-Backen-Futter

① Please order 2 sets per 3 pieces = 1 set for a 6-jaw chuck

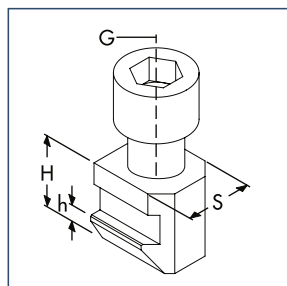
SCHUNK Sonder- und Spezialbacken

siehe Seite 514–539

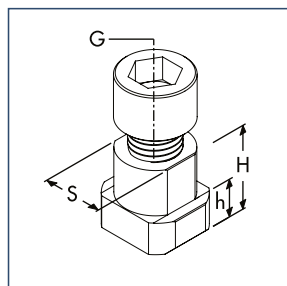
SCHUNK special and specialized jaws

see page 514–539

NS und NKS für ROTA NCR 250 bis 1000

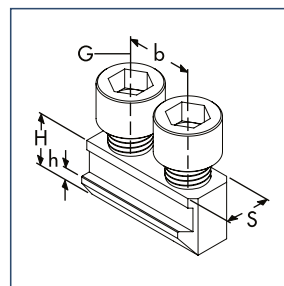


Nutensteine, NKS
T-nuts, NKS

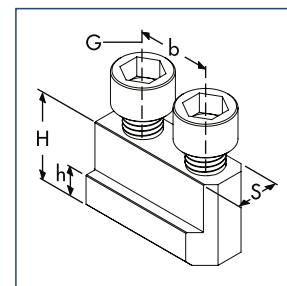


Nutensteine, NS
T-nuts, NS

NS and NKS for ROTA NCR 250 up to 1000



Nutensteine, NKA
T-nuts, NKA



Nutensteine, NK
T-nuts, NK

Technische Daten

| Futtertype Chuck type | Bezeichnung Description | ID | S [mm] | H [mm] | h [mm] | b [mm] | Gewinde Thread | Schrauben Screws [Nm] | Max. zul. Anziehdrehmoment Max. adm. tightening torque |
|--------------------------|----------------------------|---------|-----------|-----------|-----------|-----------|-------------------|-----------------------------|---|
| ROTA NCR 250 | NKS 1 | 0143104 | 14.0 | 18.5 | 6.5 | | M10 | M10x25 | 50.0 |
| | NKA 1 | 0145103 | 14.0 | 18.5 | 6.5 | 20.0 | M10 | M10x25 | 50.0 |
| ROTA NCR 315 | NKS 1 | 0143104 | 14.0 | 18.5 | 6.5 | | M10 | M10x25 | 50.0 |
| | NKA 1 | 0145103 | 14.0 | 18.5 | 6.5 | 20.0 | M10 | M10x25 | 50.0 |
| ROTA NCR 400 | NKS 3 | 0143107 | 21.0 | 26.5 | 10.0 | | M16 | M16x35 | 150.0 |
| | NKA 3 | 0145105 | 21.0 | 26.5 | 10.0 | 28.0 | M16 | M16x35 | 150.0 |
| ROTA NCR 500 | NKS 3 | 0143107 | 21.0 | 26.5 | 10.0 | | M16 | M16x35 | 150.0 |
| | NKA 3 | 0145105 | 21.0 | 26.5 | 10.0 | 28v | M16 | M16x35 | 150.0 |
| ROTA NCR 630 | NS 160 | 0140102 | 21.0 | 27.0 | 11.0 | | M16 | M16x35 | 150.0 |
| | NK 160 | 0145101 | 21.0 | 27.0 | 11.0 | 28.0 | M16 | M16x35 | 150.0 |
| ROTA NCR 800 | NS 160 | 0140102 | 21.0 | 27.0 | 11.0 | | M16 | M16x35 | 150.0 |
| | NK 160 | 0145101 | 21.0 | 27.0 | 11.0 | 28.0 | M16 | M16x35 | 150.0 |
| ROTA NCR 1000 | NS 200 | 0140103 | 25.5 | 29.0 | 11.0 | | M20 | M20x40 | 220.0 |
| | NK 200 | 0145102 | 25.5 | 29.0 | 11.0 | 35.0 | M20 | M20x40 | 220.0 |

Technical data

① Bitte bestellen Sie 12 Stück = 1 Satz für 6-Backen-Futter
NKA und NK: Bitte bestellen Sie 6 Stück = 1 Satz für 6-Backen-Futter

① Please order 12 pieces = 1 set for a 6-jaw chuck
NKA and NK: Please order 6 pieces = 1 set for a 6-jaw chuck

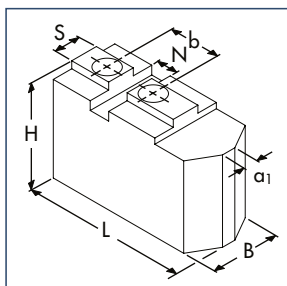
Aufsatzbacken Kreuzversatz · Top Jaws Slot & Tenon

SRK, SFA, SFA-C und SFA-AL

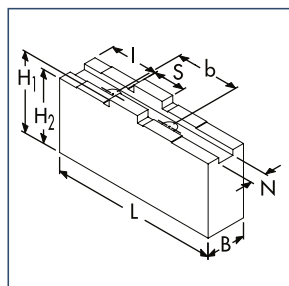
für ROTA NCR 165 und 200

SRK, SFA, SFA-C and SFA-AL

for ROTA NCR 165 and 200



Aufsatzbacken weich, SRK
Soft top jaws, SRK



Aufsatzbacken weich, SFA, SFA-C und SFA-AL
Soft top jaws, SFA, SFA-C and SFA-AL

Technische Daten

Technical data

| Futtertype Chuck type | Bezeichnung Description | ID | Material | B [mm] | H [mm] | H ₂ [mm] | L [mm] | S [mm] | N [mm] | b [mm] | α ₁ [mm] | Schrauben Screws | Satz Set [kg] |
|--------------------------|----------------------------|---------|----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|------------------------|---------------------|---------------------|
| ROTA NCR 165 | SRK 132 | 0136112 | 16MnCr5 | 25.0 | 30.0 | | 60.0 | 10.0 | 8.0 | 22.0 | 3.0 | M8 | 0.76 |
| ROTA NCR 200 | SFA 160 | 0153100 | 16MnCr5 | 20.0 | | 36.0 | 85.0 | 18.0 | 8.0 | 32.0 | | M8 | 1.2 |
| | SFA 160-C1 | 0154121 | 16MnCr5 | 30.0 | | 51.5 | 85.0 | 18.0 | 8.0 | 32.0 | | M8 | 2.7 |
| | SFA 160-C2 | 0154127 | 16MnCr5 | 35.0 | | 36.0 | 63.0 | 18.0 | 8.0 | 32.0 | | M8 | 1.6 |
| | SFA 160-C3 | 0154131 | 16MnCr5 | 40.0 | | 56.0 | 70.0 | 18.0 | 8.0 | 32.0 | | M8 | 3.3 |
| | SFA-AL 160 | 0172100 | ALU | 25.0 | | 46.0 | 85.0 | 18.0 | 8.0 | 32.0 | | M8 | 0.7 |

① Bitte bestellen Sie jeweils 2 Sätze à 3 Stück = 1 Satz für 6-Backen-Futter

① Please order 2 sets per 3 pieces = 1 set for a 6-jaw chuck