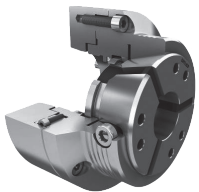


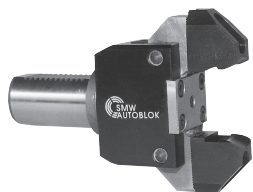
Collet chucks

KSZ-MB,-DZN,-AZN,-NZN,-AZL



- Collet chucks
- Collet quick change
- High gripping force and repeatability
- Pull down effect or axial fixed position clamping
- For high speed
- Air sensing

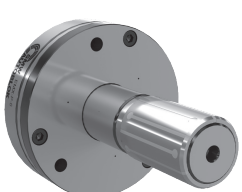
GF 80



- Bar pulling chuck
- Spring actuation
- For stationary outside clamping
- Suitable for workpiece handling

Mandrels

EMX-P, F/FP | EM-A,-B



- Power or hand operated expanding mandrels
- Clamping range 14.7 - 132.9 mm
- Large expansibility 0.5 - 2 mm depending on size
- Very rigid design

EMX-C | EM-S



- Power operated expanding mandrels
- Clamping range 18 - 121 mm
- Large expansibility 0.8 - 1.2 mm depending on size
- Hardened and vulcanised sleeves, quick change
- Very rigid design

Rotating cylinders

SIN-S,-HL,-L | CSN



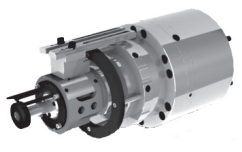
- Rotating hydraulic/pneumatic cylinders
- Central bore for air, coolant or oil
- Linear stroke control/proximity switches
- SIN-HL:** High-low gripping force clamping
- SIN-L:** Long stroke
- CSN:** Pneumatic

VNK-T2 | VSG



- Rotating hydraulic cylinders
- Linear stroke control/proximity switches
- CP-3 unit for rotary union
- VNK-T2:** Through hole up to 127 mm
- VSG:** Extra large through hole up to 204 mm

DCN | DCU | DCR | DCE | ZHVD-SZ



- Double piston, rotating hydraulic cylinders
- Linear stroke control/proximity switches
- Central bore for air, coolant or oil
- DCN, DCU, DCR:** Modular system for different piston strokes
- DCE:** 2 x same piston area
- ZHVD-SZ:** for shaft chucks type W

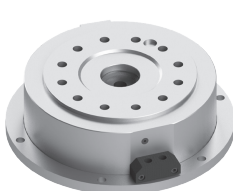
LPS 4.0 14 | 48 | 120



- Linear positioning system for clamping cylinders (inductive)
- Analog or digital output signal
- Measuring range until 120 mm

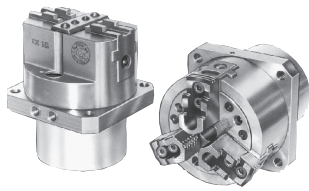
Stationary cylinder | chuck unit

USC



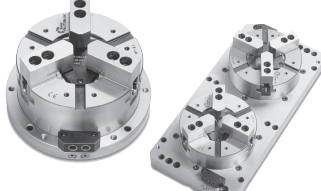
- Pneumatic static cylinder
- Unit with static cylinder
- With stroke control
- Can be equipped with different types of chucks
- Sizes:** 140 - 260 mm

US-CL | US-A | US



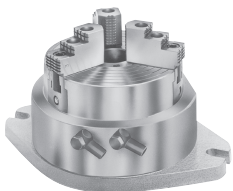
- Hydraulic or pneumatic stationary chucks with integrated cylinder
- With and without through-hole
- 2, 3 or 4 jaws
- US:** large Ø, normal or long stroke
- Sizes:** 80 - 800 mm

HB-D,-C | PB(I)-D,-C | M2-PB



- Hydraulic or pneumatic stationary chucks with integrated cylinder
- 2 or 3 jaws
- PB(I)-D,-C:** With manifold for air supply
- M2-PB:** Multiple chucks on fixtures
- Sizes:** 130 - 315 mm

STP



- Stationary chuck with built in pneumatic cylinder
- 3 jaws
- With through-hole
- Sizes:** 125 - 280 mm

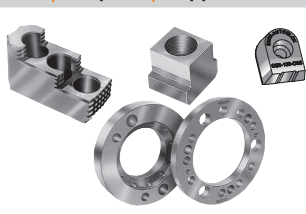
Chuck switching system | Jaws | Gripping force meter | Accessory

CCS



- Chuck switching system for all common chucks
- Automatic coupling of chuck in a single actuation
- Standardized adapters
- Large through hole
- Manual, central actuation

Jaws | Adapters | Grippers



- Standard- and special jaws and T-nuts for all commercial chucks, soft and hard version
- Mounting adapters on short taper spindle noses, direct or indirect mounting
- Exchangeable grippers

GFT-X 4.0

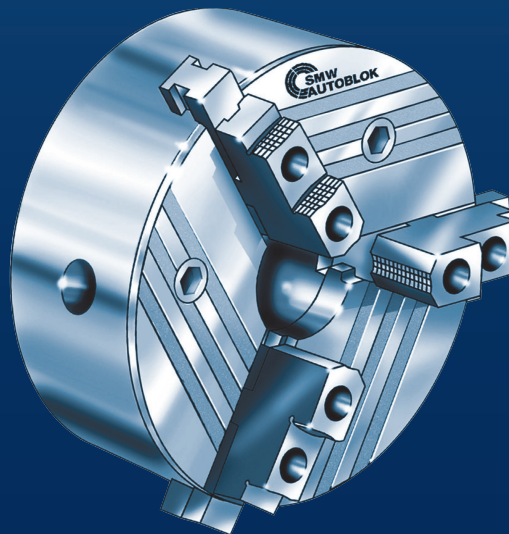


- Gripping force tester multifunctional
- Dynamic or static gripping force measuring
- Speed measuring
- Wireless data transfer via bluetooth
- Assistance systems: Manuals, Jaw Finder, Chuck Finder, Technical calculations

Grease

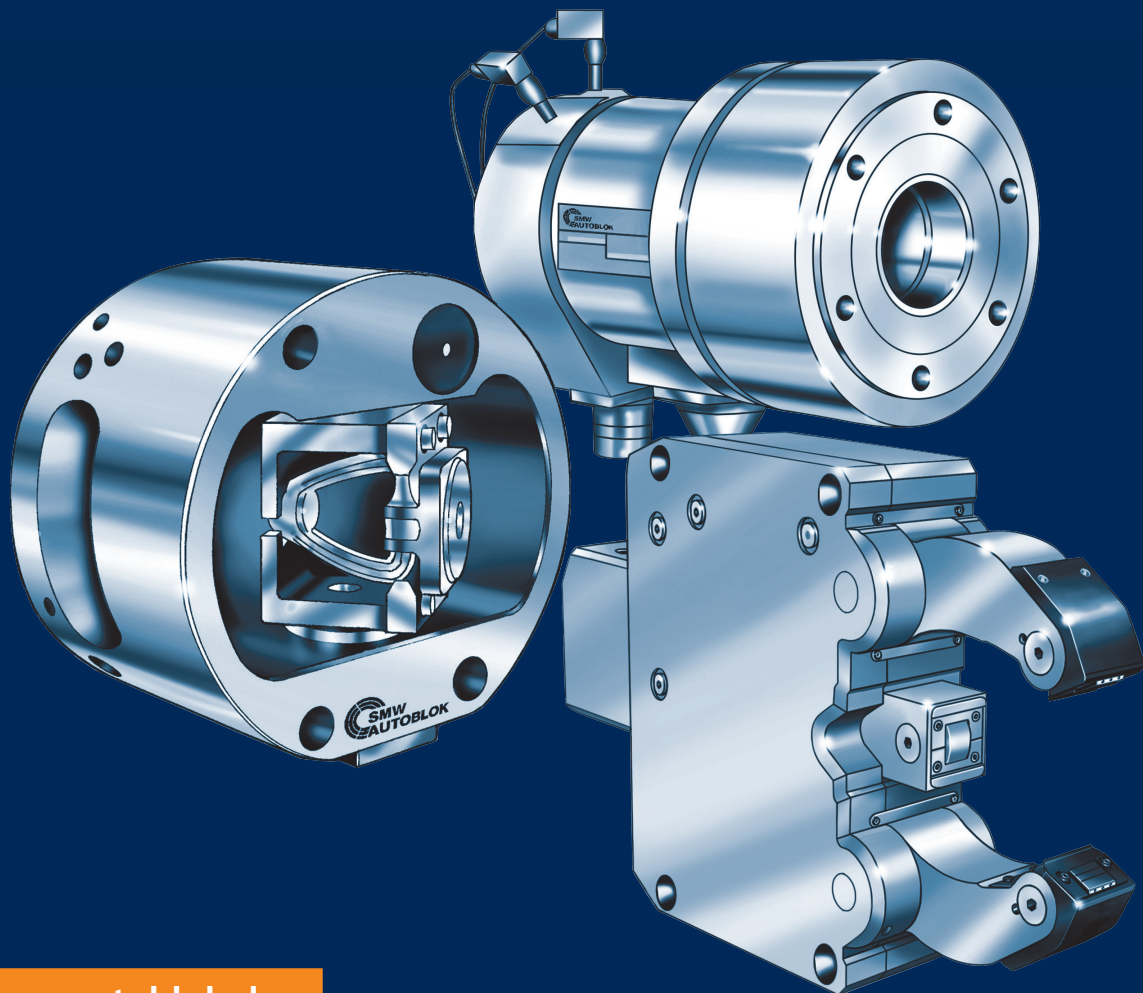


- Grease for manual and power chucks
- Special grease for sealed chucks included in proofline® series
- Important for safe operation and maintenance



PRODUCT OVERVIEW

Chucks | Steady Rests | Cylinders | Accessories



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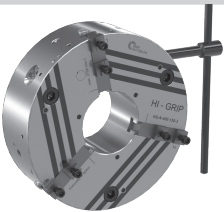
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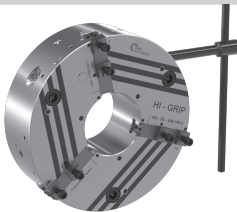
Manual chucks

HG-N | HG-NB



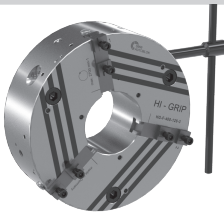
- Wedge bar manual chuck
- Quick jaw change
- 3 jaws
- Jaw system SMW, Straight serration
- HG-NB:** Wide master jaws
- Sizes:** 160 - 1000 mm

HG-2G | HG-B-2G



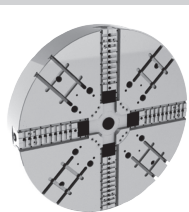
- Wedge bar manual chuck
- Quick jaw change
- 3 jaws
- Jaw system SMW, Straight serration
- Mechanic sealed, low maintenance
- HG-B-2G:** Wide master jaws
- Sizes:** 400 - 1000 mm

HG-F



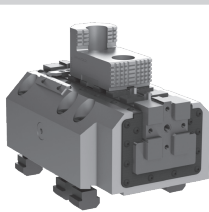
- Wedge bar manual chuck
- Quick jaw change
- 3 jaws
- Jaw system Forkardt, Inclined serration
- Sizes:** 160 - 400 mm

PTF



- 4 jaws manual face plate
- Closed center
- Manual clamping
- Radial setting of jaws
- Sizes:** 1000 - 2000 mm

JBX



- Manual jaw box
- Standard mounting dimensions or with semi-finished body
- Accessory for face plates or chucks
- Internal or external clamping

Closed center power chucks

AN-D,-M | AL-D,-M | AN-C



- Wedge hook chucks closed center
- 2 or 3 jaws (4 jaws only Ø 400)
- AL-D,-M:** Extra long stroke
- Sizes:** 125 - 400 mm

AP-D,-M,-C | APL-D,-M,-C



- Wedge hook chucks closed center
- Proofline: fully sealed | low maintenance
- 3 jaws
- APL-D,-M,-C:** Extra long stroke
- Sizes:** 170 - 1000 mm

NT-D,-M,-C | NTL-D,-M,-C



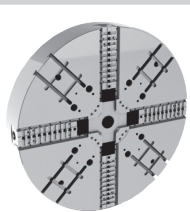
- Wedge hook chucks closed center
- Centrifugal force compensation
- Proofline: fully sealed | low maintenance
- 3 jaws
- NTL-D,-M,-C:** Extra long stroke
- Sizes:** 170 - 1000 mm

IN-D | IND-CP | IN-C | IL-D | IL-C



- Wedge hook chucks closed center
- Sealed against swarf and chips
- 3, 4 or 6 jaws
- IL-D,-C:** Extra long stroke
- Sizes:** 500 - 1600 mm

IR-C



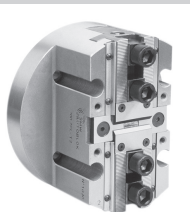
- Wedge hook chucks closed center
- Sealed against swarf and chips
- 3, 4 or 6 jaws
- With individual jaw regulation
- Sizes:** 600 - 2500 mm

RAN



- Wedge hook chucks closed center
- 3 jaws
- Pull-down effect of inclined master jaw movement
- Sizes:** 160 - 400 mm

CL-C | CL-D



- Wedge hook chucks closed center
- 2 jaws
- Extra long stroke
- Sizes:** 80 - 315 mm

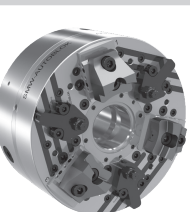
Open center power chucks

BH-D,-M | BB-D,-M | BHD(M)-FC



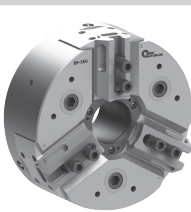
- With large through hole
- Chuck body and internal parts case hardened
- 2, 3 or 4 jaws
- BB:** With extra large through hole
- FC:** Centrifugal force compensation
- Sizes:** 130 - 800 mm

AG-2G,-C,-M



- With large through hole
- Proofline: fully sealed | low maintenance
- Centrifugal force compensation
- 3 jaws
- Sizes:** 225 mm

BP-D,-M,-C



- With large through hole
- Proofline: fully sealed | low maintenance
- 3 jaws
- Sizes:** 220 - 320 mm

HFKN-D,-M,-C | HFKS 2G



- With large through hole
- Chuck body and internal parts case hardened
- 3 jaws
- HFKS-2G:** Centrifugal force compensation, reduced weight
- Sizes:** 110 - 500 mm

Centco4



- 2+2 self centering and compensating 4-jaw chuck
- Independent self centering clamping in 2 axis via 1 central acutating mechanism
- Centrifugal force compensation
- Large through hole
- Sizes:** 210 - 400 mm

Quick jaw change power chucks

KNCS-N | KNCS-NB,-NBX



- Large through hole
- Jaw safety interlock
- 2 and 3 jaws
- KNCS-NB:** Wide master jaws
- KNCS-NBX:** Extra large through hole
- Sizes:** 140 - 1000 mm

KNCS-2G



- Large through hole
- Protection against chips and swarf
- Jaw safety interlock
- 3 jaws
- Sizes:** 170 - 630 mm

KNCS-NB-CL



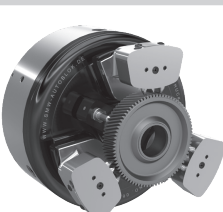
- Large through hole
- Integrated fine adjustment
- Chuck body and internal parts case hardened
- Jaw safety interlock
- 3 jaws
- Sizes:** 630 mm

AP-RC,-RD | NT-RC,-RD



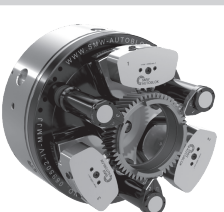
- Quick change | closed center
- Chuck body and internal parts case hardened
- Proofline: fully sealed | low maintenance
- 3 jaws
- NT:** Centrifugal force compensation
- Sizes:** 170 - 400 mm

D | D-Plus



- Quick change
- O.D. or pitch line clamping
- Centrifugal force compensation
- Proofline: fully sealed | low maintenance
- D-Plus:** with through hole
- Sizes:** 160 - 400 mm

D-Kombi



- Quick change
- O.D. or pitch line clamping
- Centrifugal force compensation
- Proofline: fully sealed | low maintenance
- Sizes:** 210 - 400 mm

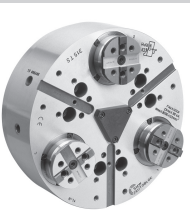
D-Vario



- Modular system
- Fine adjustment of the center line
- Quick positioning of jaws for gears with different number of teeth
- Proofline: fully sealed | low maintenance
- Sizes:** 215 mm

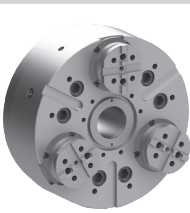
Pull-down chucks | 6 jaw 2+2+2 chucks | Shaft chucks | Indexing chucks | Compensating chucks

TSF-C,-RM,-CP | TSR-C,-RM,-CP



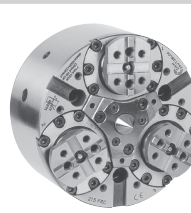
- Pull-down chuck with active pull-down
- Self centering | compensating clamping
- Floating or rigid jaws
- Proofline: fully sealed | low maintenance
- 2 or 3 jaws
- Quick jaw change = pallet system (RM)
- Sizes:** 135 - 650 mm

TSB



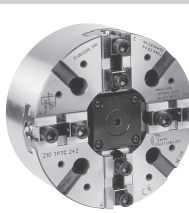
- Pull-down chuck with active pull-down
- With through hole
- Self centering | compensating clamping
- Floating or rigid jaws
- Proofline: fully sealed | low maintenance
- 3 jaws
- Sizes:** 220 - 330 mm

FRC-N | FRS



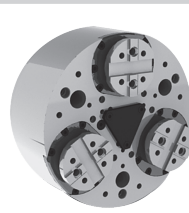
- Pull-down chuck with passiv pull-down
- Self centering | compensating clamping
- Rigid jaws
- Proofline: fully sealed | low maintenance
- Highest torsion rigidity
- 3 jaws
- Sizes:** 215 - 365 mm

TPT-C,-RC



- 2+2 jaw chucks closed center
- Self centering independent
- 2+2 jaw movement
- TPT-RC:** Individual jaw regulation
- Sizes:** 210 - 2000 mm

TX-C | TX-RV



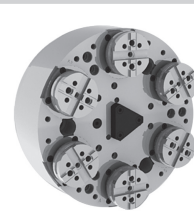
- Pull-down chuck with active pull-down
- Self centering, rigid jaws
- Centrifugal force compensation
- 3 jaws
- Proofline: fully sealed | low maintenance
- TX-RV:** Quick change
- Sizes:** 170 - 530 mm

TSX-C



- 2+2 Pull-down chuck with active pull-down
- 2 independent self-centering jaw drives, thanks to the 2 internal wedges
- Centrifugal force compensation
- Proofline: fully sealed | low maintenance
- Sizes:** 265 - 315 mm

TEF-C



- 2+2+2 Pull-down chuck with active pull-down
- Self centering with floating jaws
- Centrifugal force compensation
- 6 jaws (2+2+2)
- Proofline: fully sealed | low maintenance
- Sizes:** 260 - 850 mm

SJL | SJL-S



- 2+2+2 equalising chucks
- Jaws equalising as a pair, mechanism lockable, self centering
- Centrifugal force compensation
- SJL-S:** Without centrifugal force compensation
- 6 jaws (2+2+2)
- Proofline: fully sealed | low maintenance
- Sizes:** 225 - 800 mm

IEP-D,-C



- 2+2+2 equalising chucks
- Self centering
- Centrifugal force compensation
- 6 jaws (2+2+2)
- Proofline: fully sealed | low maintenance
- Sizes:** 400 - 1600 mm

W | CSC | GSA



- Shaft chucks with face driver
- Retractable jaws
- Proofline: fully sealed | low maintenance
- W:** Self centering or compensating clamping – quick change
- CSC:** Crankshaft chuck with locking
- GSA:** Compensating clamping
- Sizes:** 200 - 480 mm

AXN



- Automatic indexing chuck
- Hydraulic clamping and indexing
- Divisions:
 - 4 x 90°/ 8 x 45°/ 3 x 120°/ 6 x 60°
- Proofline: fully sealed | low maintenance
- 2 jaws
- Sizes:** 210 - 1250 mm

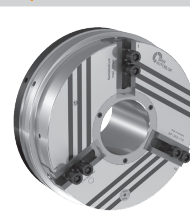
ACS



- Column chucks
- Self centering
- For external or internal clamping
- 3, 5 and 6 jaws
- Sizes:** 110 - 520 mm

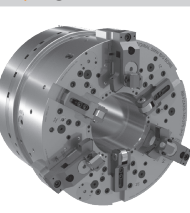
Front-end chucks

SP | SP-ES | SP-L



- Pneumatic front-end chucks
- Extra large through hole
- 3 jaws
- SP-ES:** With rapid and clamping stroke
- SP-L:** Long jaw stroke
- Sizes:** 125 - 350 mm

Big Bore | Big Bore 2G



- Extra large through hole - **BIG BORE**
- ES | EXL:** With rapid | clamping stroke
- BB-AZ2G:** Self centering | compensating
- BB-FZA2G:** 6 jaws (3+3)
- BB-SC:** Spring clamp
- Proofline: fully sealed | low maintenance
- Sizes:** 400 - 1020 mm

SF-RZ | SF-RAZ | SF-RAZ 2G



- Hydraulic ring indexing chuck
- 3 or 6 jaws
- Large evacuation windows for easy chip flow
- Fully automatic and controlled indexing
- SF-RAZ2G:** Very compact design
- Sizes:** 400 - 1050 mm

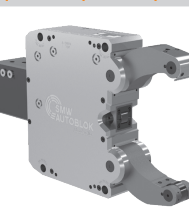
HYND-S | HYDL-S



- Hydraulic front-end chucks
- Hydraulic oil supplied through the machine spindle or tube bundle
- 3 or 4 jaws
- HYDL-S:** Long stroke
- Sizes:** 180 - 800 mm

Self-centering Steady Rests for turning

SLU-X | SLU(B) | SLU-A | SLUB-A



- Basic and Standard Steady rests line
- Stroke control | Safety valve
- Central lubrication
- Port for compressed air
- SLU-X:** Proofline® - steady rest
- SLUB:** With side mounted cylinder
- SLU-A:** Additional pivoting upper arm

SR | SRA | SR-CL



- Premium Steady rests line
- Integrated coolant | air flush chip guard
- Stroke control | Safety valve
- Coated body
- Proofline: fully sealed | low maintenance
- SRA:** Additional pivoting upper arm
- SR-CL:** Integrated fine adjustment

K | KA



- Premium Steady rests line – Compact
- Integrated coolant | air flush chip guard
- Stroke control | Safety valve
- Coated body
- KA:** Double guided center arm to carry heavy loads
- Proofline: fully sealed | low maintenance

KLU | KLU-A



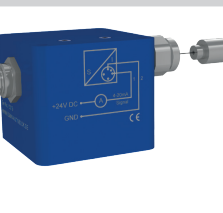
- Premium Steady rests line – Narrow
- Narrow arms for crankshafts
- Integrated coolant | air flush chip guard
- Stroke control | Safety valve
- Coated body
- Proofline: fully sealed | low maintenance

RX



- Premium Steady rests line
- Extra compact design
- Patented double cam system
- Integrated coolant | air flush chip guard
- Stroke control | Safety valve
- Coated body
- Proofline: fully sealed | low maintenance

SCU



- Linear stroke control unit for SMW-AUTOBLOK steady rests
- Avoids collision
- Time saving by only partial opening of the steady rest
- Protection class IP 66
- Output signal 4-20 mA or 0-10 V

Grinding

SRG | SRG-B



- Grinding steady rest
- Horizontal and vertical fine adjustment
- Retractable steady rest arms
- Port for compressed air
- Monitoring via proximity switches
- Also ideal for follow down grinding

SCG



- 2+2 jaw independently operated in pairs
- Hydraulic actuation
- Centerpoint quick change or adjustable centers
- Fully sealed, oil bath lubricated and low maintenance
- Sizes:** 206 mm