EXPERTS IN WORKHOLDING®

The right workholding solution for every application.

DISTRIBUTED BY

Sowa METALWORKING SOLUTIONS

500 Manitou Drive, Kitchener, ON N2C 1L3
Toll Free: 1-800-265-8221
Phone: 519-748-5750 Fax: 519-748-9304
sales@sowatool.com www.sowatool.com

RÖHM driven by technology

Röhm provides rotating and stationary workholding solutions to help North American manufacturers reach the optimal machine performance, reduce set-up times, increase productivity and profitability.

Whether you are looking for a drill chuck or an indexing power chuck, a simple clamping product or a complex workholding solution for your turning or milling application, we can help. Being manufacturers ourselves, we know that productivity and performance is the most important component we can add to your manufacturing process.

WE ARE YOUR ONE STOP SHOP FOR ALL YOUR WORKHOLDING NEEDS

Drill Chucks | Centers | Face Drivers | Manual Chucks | Power Chucks | Jaws
Vises | Grippers | Collet Chucks | Collets | Mandrels | Cylinders
Steady Rests | Tool Clamping Systems | Custom Stationary Fixtures

TABLE OF CONTENTS

RÖHM DRILL CHUCKS 1

Keyless Drill Chucks
- SPIRO-I 2
- SPIRO-SK 3
- SUPRA-I 4
- Extra-RV 5

Key Type Drill Chucks
- PRIMA 6
- Ball Bearing Drill Chuck 7

Tapor Arbours
- Taper Arbors 8

RÖHM CENTERS

Live Centers 9
- Pro Standard live centers 10
- Control live centers 11
- Flex live centers 12
- Flex Interchangeable Inserts 13

VISES

5-Axis Vise
- RZM 15

Machine Vise
- MSR 16

Palletizing System
- Easylock 17

MASTER WORKHOLDING 18

AUTOMATED LUBRICATION DEVICE

- Lubritool 19

CHUCKS

Manual Chucks
- DURO-T 20

Power Chucks
- DURO-A/DURO-A+ 21

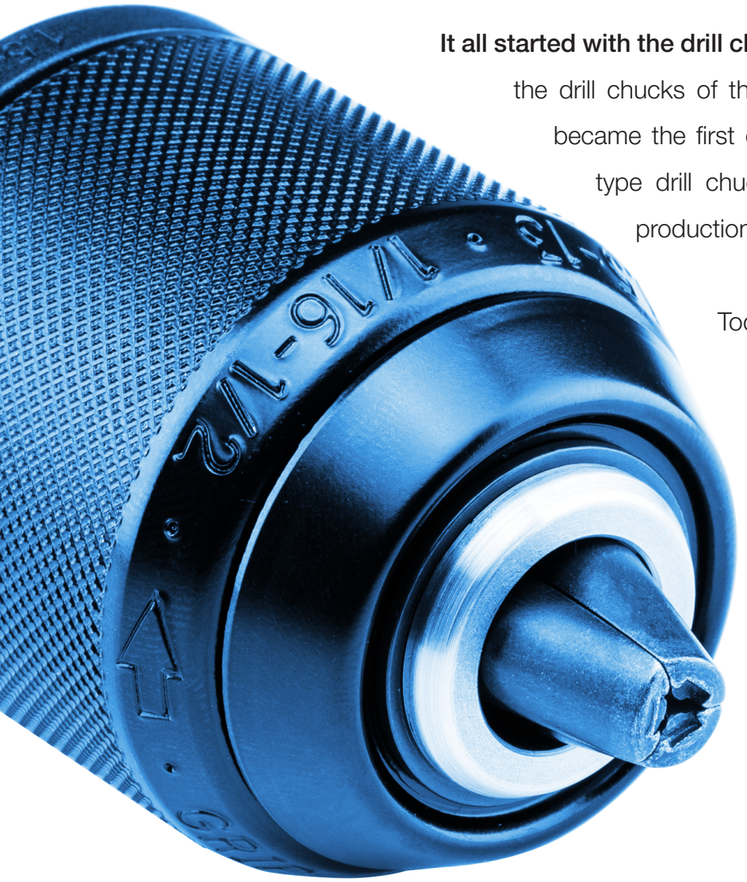
Quick Change Jaw Chucks
- DURO-A RC 22

COLLETS AND MANDRELS

- Captis 23
- Collets 24
- Mandrels 24

RÖHM DRILL CHUCKS

Over 100 years of drill chuck manufacturing experience.



It all started with the drill chuck. In 1910 Heinrich Röhm improved the drill chucks of that time and filed for a patent. RÖHM became the first company in Germany to produce key-type drill chucks. In 1939 RÖHM starts the mass production of drill chucks on a 40 m conveyor belt.

Today we are capable of manufacturing over 20,000 drill chucks per day in our state of the art, dedicated production line for drill chucks.

RÖHM DRILL CHUCKS

KEYLESS DRILL CHUCKS

SPIRO-I

PRODUCT BENEFITS:

- For stationary drills and machining centers
- Cone mount with tight tolerances for the highest driving force and precision
- Hardened and ground metal body for external use in industry and trade
- Automatic retightening function to increase the clamping force when drilling in a clockwise direction
- Hardened flat jaws for the highest concentricity of up to 0.05 mm and superior holding force
- Only suitable for clockwise rotation
- Made in Germany

Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g	Price (CAD)
871009	10	I	0-10	B 16	0.05	43	82.5	90.1	650	**250.52**
871016	16	I	3-16	B 16	0.05	55	96.5	106.8	1260	**289.06**

stationary drills machining centers

KEYLESS DRILL CHUCKS

SPIRO-SK

PRODUCT BENEFITS:

- For stationary drills and machining centers
- Cone mount with tight tolerances for the highest driving force and precision
- Self tightening flat jaw drill chuck with metal sleeve and clamping force safety device
- Hardened flat jaws for the highest concentricity of up to 0.07 mm and superior holding force
- The locking of the pawl prevents the unintentional release in counterclockwise rotation up to a turning moment of 15 Nm
- Made in Germany

Item no.	Size	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g	Price (CAD)
871071[1)]	13	1-13	B 16	0.07	43	85	93.1	1050	**250.52**

[1)] Shortened: B16 by 2.5 mm

stationary drills machining centers

RÖHM DRILL CHUCKS

KEYLESS DRILL CHUCKS

SUPRA-I

PRODUCT BENEFITS:

- For corded drills, stationary drills and machining centers
- Self-tightening flat jaw drill chuck
- Precise concentricity of up to 0.12 mm
- Increase in the clamping force proportional to the cutting force by the automatic retightening function
- All components made of steel
- Only suitable for clockwise rotation
- Made in Germany

Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g	Price (CAD)
871020	4	I	0-4	J0	0.12	26	46.5	51.5	130	**148.87**
871024	6	I	0-6.5	J1	0.12	32	59.5	65.6	275	**148.87**
871052	13	I	1-13	J2	0.12	46	91	99.5	900	**170.22**
871054	13	I	1-13	J6	0.12	46	94	102.5	870	**170.22**
871053	13	I	1-13	J33	0.12	46	94	102.5	948	**170.22**
871066	16	I	3-16	J6	0.12	51	96.5	106.8	1120	**181.46**

stationary drills machining centers corded drills

KEYLESS DRILL CHUCKS

EXTRA-RV

PRODUCT BENEFITS:

- For corded and cordless drills
- Compact and weight-reduced construction for optimal use on hand-operated drills
- Radial locking to prevent unwanted release of the tool when running in a clockwise and counter-clockwise direction
- Freely turning protective disc to prevent damage
- Low wear due to clamping jaws with hard metal inserts
- Made in Germany

EXTRA80-RV

Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Max. mach. capacity watt	Through-hole	Price (CAD)
1328321	10	1-10	3/8“-24		**metal**	0.4	42.7	55	60.9	550	•	**59.42**

EXTRA50-RV

Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Max. torque Nm	Through-hole	Price (CAD)
1322450	13	1.5-13	9/16- 18“		**metal**	0,4	42.4	51	60.9	80	•	**54.60**

Note: locking screw is not included in scope of delivery

corded drills

cordless drills

RÖHM DRILL CHUCKS

KEY TYPE DRILL CHUCKS

PRIMA

PRODUCT BENEFITS:

- For corded drills, stationary drills and machining centers
- Threaded or cone mount available
- Solid construction for a long service life
- Clamping force increase from proven transmission principle of the gear ring and chuck key
- Can be used universally for stationary use and on hand-operated drills
- Made in Germany

Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Key size	Through-hole	Price (CAD)
072811	6	M	0.5-6.5	3/8“-24	0.2	29.5	42.5	53	S1		**48.34**
072656	8	I	0.5-8	J1	0,15	34.5	48	58.5	S2A		**65.20**
245550	8	M	0.5-8	B12	0.23	29.5	47.5	57.5	S1		**48.34**
072693	10	I	1-10	J2	0.2	42.8	61.5	75.5	S2A		**72.10**
072653	10	S	0.8-10	B12	0.23	34.5	50	60.5	S2A		**53.96**
317255	10	S	0.8-10	3/8“-24	0.28	34.5	49.5	61	S2A	•	**42.07**
072818	13	I	1-13	J6	0.2	50	67.5	86	S3		**90.25**
072819	13	I	1-13	J33	0.2	50	67.5	86	S3		**90.25**
064527	13	S	1.5-13	3/8“-24	0.28	42.8	59	74	S2A		**48.98**
072800	13	S	1.5-13	B16	0.25	42.8	63	77	S2A		**63.11**

1) With driver
Note: locking screw is not included in scope of delivery

corded drills

stationary drills

machining centers

KEY TYPE DRILL CHUCKS

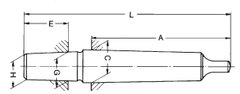
BALL BEARING

PRODUCT BENEFITS:

- Body and jaws are hardened and ground
- One piece gear/scroll ring eliminates loss of clamping torque
- Accurate and dependable performance
- Easy operation
- Made in Germany

Item no.	Chuck	Mount	Length opened in	Length closed in	Key size	Price (CAD)
215000	13 mm	J3	3.11	3.86	S10	**298.93**
215001	16 mm	J3	3.15	3.94	S10	**322.87**
215002	20 mm	J4	3.82	4.65	S13	**532.10**

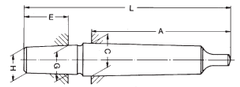
TAPER ARBORS



A04
Taper shank arbors with drill chuck taper DIN 238 completely hardened and ground

Item no.	Morse taper DIN 228 B	Drill chuck taper	L mm	A mm	C mm	E mm	G mm	H mm	Weight approx. g	Price (CAD)
014906	2	B16	110.5	75	17.78	24	15.733	14.5	160	**16.86**
014912	3	B16	134	94	23.825	24	15.733	14.5	310	**22.16**
014913	3	B18	141	94	23.825	32	17.78	16.2	320	**22.16**

[1] For SUPRA and SPIRO with shortened mounting taper
Taper shank arbors with tapped shank (type 238) or cylindrical shank type (type 237) on request



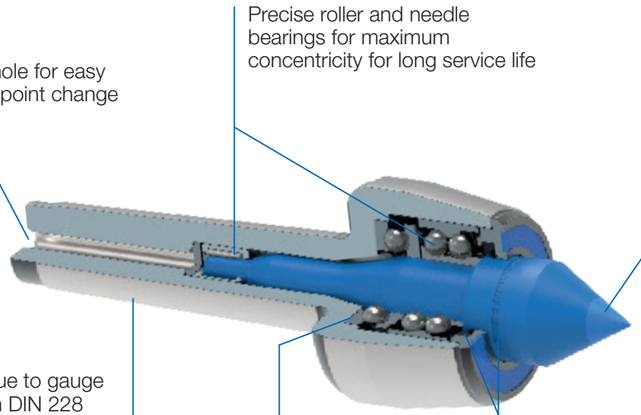
A04
Taper shank arbors with Jacobs drill chuck taper completely hardened and ground

Item no.	Morse taper DIN 228 B	Drill chuck taper	L mm	A mm	C mm	E mm	G mm	H mm	Weight approx. g	Price (CAD)
014978	2	J3	115.5	75	17.78	31	20.599	19	200	**16.86**
014980	2	J33	109.5	75	17.78	25.4	15.85	14.2	160	**16.86**
014981	2	J6	109.5	75	17.78	25.4	17.17	15.9	165	**16.86**
014984	3	J3	135	94	23.825	31	20.599	19	350	**22.16**
014987	3	J33	129	94	23.825	25.4	15.85	14.2	310	**22.16**
014988	3	J6	129	94	23.825	25.4	17.17	15.9	310	**22.16**
014991	4	J3	161	117.5	31.267	31	20.599	19	475	**30.99**
014995	4	J6	155	117.5	31.267	25.4	17.17	15,9	620	**30.99**

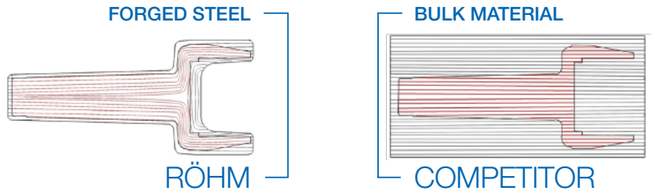
R8 taper arbors also available from stock. Other sizes available upon request.

RÖHM LIVE CENTERS

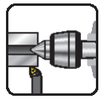
BUILT BETTER

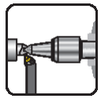


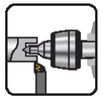
RÖHM live center bodies are made of forging blanks Continuous fiber flow yields 30-40% stronger structure versus live centers made of bulk material.

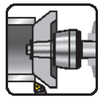


THE RIGHT LIVE CENTER FOR EVERY APPLICATION


For small and large centers


For cramped work area


For lower-lying centers


For large boreholes

RÖHM LIVE CENTERS

LIVE CENTERS

PRO STANDARD

PRODUCT BENEFITS:

- Body made of forging blanks: Continuous fiber flow yields 30-40% stronger structure
- Lifetime lubrication: maintenance free, long service life
- Precise roller & needle bearing: maximum concentricity deviation of up to 0.003 mm
- Slender housing: minimum interference
- Repairable
- Made in Germany

Item no. (Carbide Tip)	032140	090089	093306	221016	221017
Mount MT	2	3	4	5	6
Size	102	104	108	110	114
A mm	65	70,5	102,5	129	152
B mm	43	48,5	68,5	88,5	102,5
C mm	11	11	14	18	18
D mm	20	22	32	40	50
G mm	17,78	23,825	31,267	44,399	63,348
K mm	24	27	40	49,5	57
Workpiece weight max. kg	120	240	500	1000	1800
Concentricity deviation max. mm	0,005	0,005	0,005	0,005	0,01
Speed max. min^{-1}	7000	6300	3800	3000	2600
Spare live centres	1241742	1241743	1241745	1241746	1241747
Price (CAD)	**798.35**	**829.55**	**1,108.52**	**1,605.88**	**3,220.94**

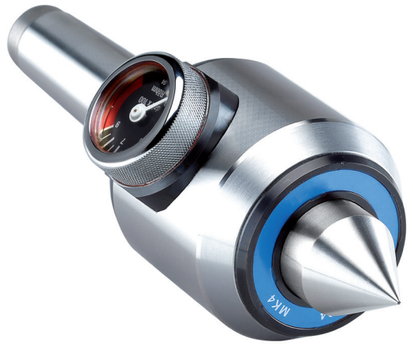
Item no. (Non-Carbide Tip)	043400	043115	042315	042175	042843	043532	093440
Mount MT	1	2	3	4	5	6	Metr. 80
Size	101	102	104	108	110	114	116
A mm	60,5	65	70,5	102,5	129	152	196
B mm	34,5	43	48,5	68,5	88,5	102,5	138,5
D mm	15	20	22	32	40	50	60
G mm	12,065	17,78	23,825	31,267	44,399	63,348	80
K mm	17	24	27	40	49,5	57	66
Workpiece weight max. kg	100	200	400	800	2000	3500	7500
Concentricity deviation max. mm	0,005	0,005	0,005	0,005	0,005	0,008	0,015
Speed max. min^{-1}	7000	7000	6300	3800	3000	2600	1500
Spare live centres	1241726	1241725	1241724	1241722	1241721	1241728	1241730
Price (CAD)	**398.26**	**398.26**	**414.78**	**554.26**	**803.86**	**1,605.88**	**4,046.82**

For small and large centers

Download brochure

LIVE CENTERS

CONTROL



PRODUCT BENEFITS:

- Body made of forging blanks: Continuous fiber flow yields 30-40% stronger structure
- With pressure display and length compensation
- Lifetime lubrication: maintenance free, long service life
- Precise roller & needle bearing: Maximum concentricity deviation of 0.01 mm for maximum precision
- Slender housing: minimum interference
- Repairable
- Made in Germany

Item no.	060798
Mount MT	3
Size	503
A mm	105
B mm	64
D mm	25
G mm	23.825
K mm	31
Weight approx. g	2100
Spring way max. mm[1)]	1,6
Axial load max. N	5500
Workpiece weight max. kg	400
Concentricity deviation max. mm	0,01
Speed max. min^{-1}	4000
Price (CAD)	**1,350.78**

[1)] At max. axial load

For small and large centers

LIVE CENTERS

FLEX

PRODUCT BENEFITS:

- Quick change interchangeable inserts made of wear-resistant tool steel for maximum application flexibility
- Body made of forging blanks: Continuous fiber flow yields 30-40% stronger structure
- Lifetime lubrication: maintenance free, long service life
- Slender housing: minimum interference
- Repairable
- Made in Germany

Item no.	061031
Mount MT	3
Size	104
A mm	48
B mm	48,5
D mm	22
E mm	4
G mm	23,825
Concentricity deviation max. mm	0,01
Speed max. min^{-1}	6300
Workpiece weight max. kg	130
Weight without inserts	750
Weight g	1700
Price (CAD)	**414.78**

Version with draw-off nut on request
Concentricity deviation measured at internal cone

A06
Complete with all inserts in a sturdy wooden case

Item no.	061702	061703	061704	061705	061706
Mount MT	2	3	3	4	5
Size	102	104	106	108	110
Workpiece weight max.	40	130	150	250	650
Weight g	900	1700	2200	3700	8000
Price (CAD)	**994.73**	**1,130.54**	**1,275.53**	**1,492.09**	**1,972.94**

Version with draw-off nut on request

For small and large centers

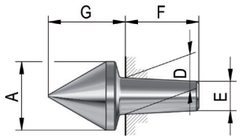
For cramped work area

For lower-lying centers

For large boreholes

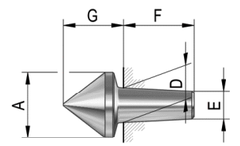
Flex: Interchangeable inserts

A06
Interchangeable inserts **60°**



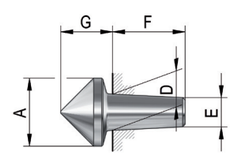
Item no.	Size	A mm	D mm	E mm	F mm	G mm
070725	102	16	7	5,2	18	20
070728	104	20	12	9,6	24	24
070731	106	24	12	9,6	24	27,5
070734	108	28	15	12	30	31,5
070737	110	38	22	18,5	35	43
070740	114	50	28	24	40	54

A06
Interchangeable inserts **75°**



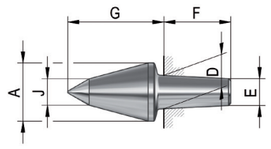
Item no.	Size	A mm	D mm	E mm	F mm	G mm
070726	102	16	7	5,2	18	17
070729	104	20	12	9,6	24	19,5
070732	106	24	12	9,6	24	22,5
070735	108	28	15	12	30	25,5
070738	110	38	22	18,5	35	35
070741	114	50	28	24	40	44

A06
Interchangeable inserts **90°**



Item no.	Size	A mm	D mm	E mm	F mm	G mm
070727	102	16	7	5,2	18	14,5
070730	104	20	12	9,6	24	16,5
070733	106	24	12	9,6	24	19
070736	108	28	15	12	30	21,5
070739	110	38	22	18,5	35	29
070742	114	50	28	24	40	36

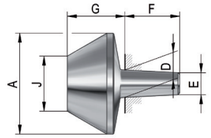
A06
Interchangeable inserts **60° VL**



Item no.	Size	A mm	D mm	E mm	F mm	G mm	J mm
070719	102	14	7	5,2	18	25	6
070720	104; 106	18	12	9,6	24	30	8
070721	108	26	15	12	30	43	12
070722	110	32	22	18,5	35	55	13
070723	114	42	28	24	40	70	18,5

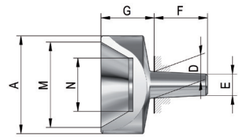
RÖHM LIVE CENTERS

A06
Interchangeable inserts for tubular workpieces **60°**



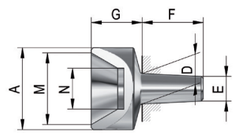
Item no.	Size	A mm	D mm	E mm	F mm	G mm	J mm
070700	102	25	7	5,2	18	21	10
070701	104	35	12	9,6	24	26	15
070702	106	45	12	9,6	24	27	25
070703	108	55	15	12	30	31,5	30
070704	110	70	22	18,5	35	39	40
070705	114	100	28	24	40	52	55

A06
Interchangeable inserts **A** for centerless workpieces **60°**



Item no.	Size	A mm	D mm	E mm	F mm	G mm	M mm	N mm
070707	102	25	7	5,2	18	18	20	10
070708	104	35	12	9,6	24	24	30	15
070709	106	45	12	9,6	24	25	40	25
070710	108	55	15	12	30	30	48	30
070711	110	70	22	18,5	35	39	63	40
070712	114	100	28	24	40	52	90	55

A06
Interchangeable inserts **B** for centerless workpieces **60°**

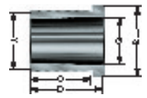


Item no.	Size	A mm	D mm	E mm	F mm	G mm	M mm	N mm
228620	102	16	7	5,2	18	12	12	6
228621	106	22	12	9,6	24	16	18	10
228622	108	40	15	12	30	25	35	20
308632	110	52	22	18,5	35	30	45	30

A06
Extractor

Item no.	For size
061707	102
061708	104/106/108
061709	110/114

A14
Mounting sleeve for clamping the live center in the lathe chuck



Item no.	MT inside	A mm	B mm	C mm	D mm	G mm
085033	3	32	39	32	40	23,825
085034	4	40	47	42	50	31,267
085035	5	55	62	52	60	44,399
085036	6	75	83	62	70	63,448

Call for pricing

5-AXIS VISE

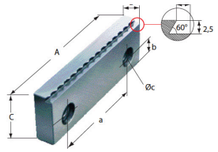
RZM

PRODUCT BENEFITS:

- NC-Compact self-centering vises
- Designed specifically for 5-axis machining
- No base plate needed
- **No riser plate needed**
- **No stackup tolerances**
- Open design optimizes chip flow for easy cleaning after heavy-duty machining operations
- Constant clamping force and high clampingrepeatability with use of a torque wrench
- Ideal for use with unmachined raw material,machined square parts and 60 degree dovetail premachined blanks
- Optimized for use of SKB clawed jaws, which securelyclamp raw and sawed parts with a max strengthof up to 900 N/mm2 to a clamping depth of 2.5 mm
- Made in Germany

Item no.	182230	182231	178910	178911
Design	Long Design	Short Design	Long Design	Short Design
Jaw Width (mm)	92	92	125	125
Clamping Capacity	24 - 160	24 - 100	23 - 222	23 - 142
~~**Price (CAD)**~~	~~**4214.29**~~	~~**3987.18**~~	~~**4819.94**~~	~~**4567.59**~~
Promotional Pricing*	**3371.40**	**3189.70**	**3855.95**	**3654.05**

*Promo pricing available while supplies last.



Claw Jaws with Fine Step

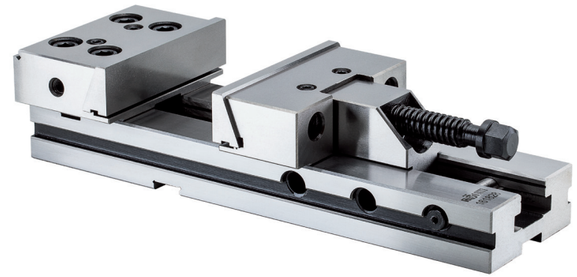
2.5 MM CLAMPING DEPTH

Item No.	166520
Contents of Delivery	set
Size	160
Width A (mm)	125
Thickness B (mm)	16
Height C (mm)	40
a	80

Watch video

MACHINE VISE

MSR



PRODUCT BENEFITS:

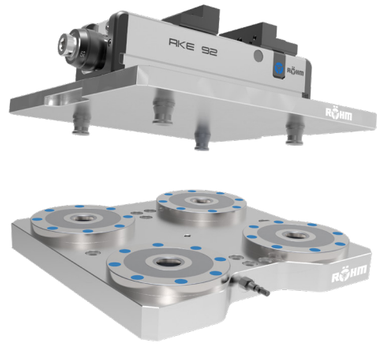
- Manual machine vise with draw-down jaws
- For universal use on milling machines and machining centers
- Fast clamping range adjustment via bolt system
- Hardened steel body (60 HRC)
- Clamping repeatability 0.02 mm

Item no.	Jaw width A mm	B mm	C mm	D mm	E mm	E max mm	F mm	G mm	H mm	I mm	K mm	Clamping force kN	Weight kg
161828	125	40	78	32	345	401	95	40	80	50	150	30	12.7
161827	150	50	90	40	420	487	125	50	100	50	200	50	25.6
161826	150	50	90	40	520	587	125	50	100	50	300	50	29.5
161825	175	60	97	43	655	701	145	58	118	50	400	60	51.2

Call for pricing

PALLETIZING SYSTEM

EASYLOCK



The EASYLOCK clamping system is suitable for a multitude of palletizing applications. Because of its standardized interface, the pallet with a clamped-in workpiece can be used for all manufacturing processes without any zero point loss. The pallets can be combined in a modular system with RÖHM vises, lathe chucks and collet chucks.

- Set-up time reduction up to 90%
- Maximum precision and repeatability of < 0.005 mm
- Palletizing and clamping device from one source
- Hydraulic, pneumatic or manual actuation available
- Suited for palletizing applications on horizontal and vertical machining centers as well as coordinate measuring machines

Receiver

ID	Operation	Diameter	Demensions	Inside micrometer
1314887	hydraulic	112	350x350x58	200
1314886	pneumatic	112	350x350x58	200
1313933	hydraulic	138	350x350x58	200
1313932	pneumatic	138	350x350x58	200

Top Plate

ID	Diameter	Demensions
1313943	112	350x350x58
1313938	138	350x350x58

Call for pricing

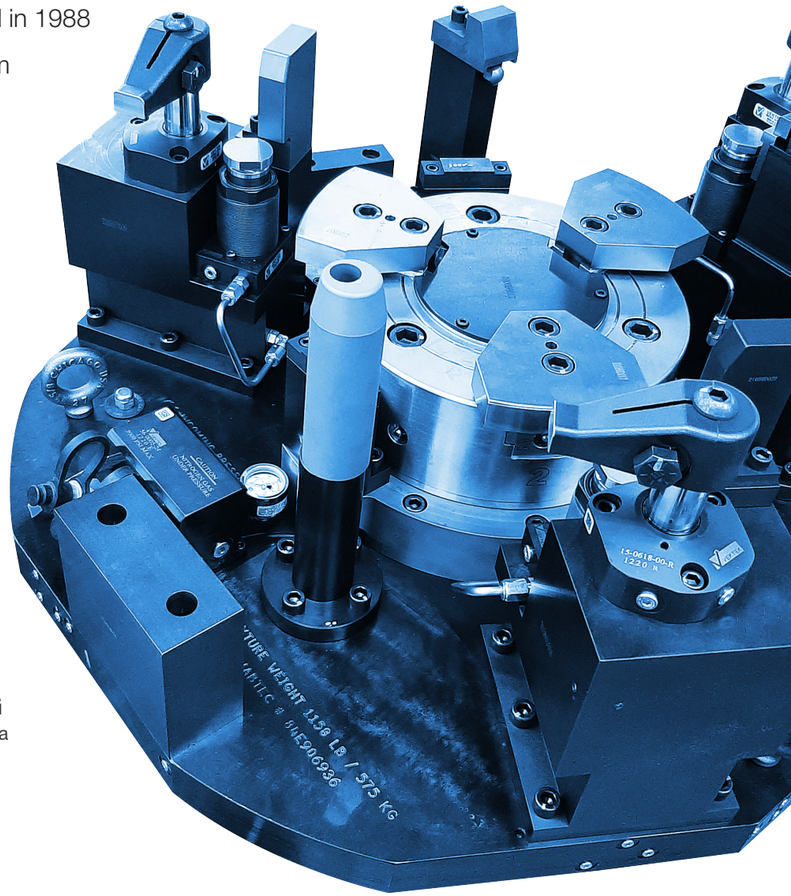
Request brochure

MASTER WORKHOLDING

Master WorkHolding, Inc. was founded in 1988 with a commitment to providing custom fixturing solutions for the production machining industry. In 2018, MWH became a part of RÖHM Products of America, thus giving our customers access to a full range of standard and custom workholding solutions to achieve the highest levels of efficiency in turning, milling, grinding and robotic applications.

Learn more about
Master WorkHolding:
www.masterworkholding.com

MASTER WORKHOLDING
a division of RÖHM Products of America



Request complimentary process review

AUTOMATED LUBRICATION DEVICE

LUBRITOOL

Who lubricates your HSK clamping sets?

With our Lubritool automatic lubrication device, you can rest assured that your clamping sets are receiving the lubrication they need, right on schedule.

Traditionally, manual lubrication consisted of a maintenance effort of several minutes. RÖHM developed its Lubritool® lubrication device to make these routine downtimes a thing of the past. When the CNC control senses the need for lubrication, it sends a command and the Lubritool® is automatically deployed directly from the tool magazine to supply the tool clamping system with the ideal quantity of lubricant within seconds.

- Quick and automatic: lubrication in 5 seconds
- Increasing the machine availability by about 10 hours/year
- Precision dosing for optimal and resource-efficient lubrication

Item no.	1334394	1334306	1330233	1323415
Interface design (ISO12164-1)	HSK-A40	HSK-A50	HSK-A63	HSK-A100
a mm	51	52	54	57
b mm	194.5	195.5	197.5	200.5
ø c mm	65	65	65	65
Weight kg (without cartridge)	1.0	1.1	1.4	2.7
Weight kg (with cartridge)	1.2	1.3	1.6	2.9
Lubrication applications	100 cycles	100 cycles	100 cycles	100 cycles
Price (CAD)	**1,571.15**	**1,571.15**	**1,571.15**	**1,728.45**
Lubriflux grease cartridge (1 piece)	**ID 1339629**	**ID 1339629**	**ID 1339629**	**ID 1339629**
Price (CAD)	**290.54**	**290.54**	**290.54**	**290.54**

Watch video

QUICK CHANGE JAW MANUAL CHUCK

DURO-T

Optimized for turning applications which require extremely high clamping forces, maximum concentricity, as well as reliable long-term repeatability, the DURO-T has jaws that can be quickly and easily turned, changed or offset over the entire clamping range within a few seconds. The high clamping forces and maximum accuracy are possible due to direct force transfer mechanism via the key bar system.

- Jaws can be turned, changed or offset within a few seconds
- Maximum clamping forces thanks to direct force transfer via the key bar system
- Maximum concentricity and axial run-out tolerance
- Chuck body completely surface hardened for improved wear resistance, even under extreme load
- Safety stop indicator to ensure safe operation
- Perfectly suited for student operators and seasoned professionals
- Convex contoured body for maximum coolant control

Watch video

Call for pricing

POWER CHUCK

DURO-A
DURO-A+

The DURO-A effortlessly handles high speeds, has formidable clamping force, and was designed with a reduced interference contour, making it ideal for live tool applications.

- Optimized accessibility for driven tools
- Minimized centrifugal force loss
- Constant clamping force over 500,000 cycles
- Up to 30% higher maximum clamping force
- Up to 10% weight reduction due to low profile and scalloped design
- Three-year warranty, the longest in the industry (pursuant to DURO-A warranty)

3-jaw power chuck **DURO-A**, cylindrical center mount 90° serrations

Chuck Only ID #	183700	183701	183702	183703	183704	183705	183706	183707	183708	185060	185080	185100	185120
Size / outside diameter	110	135	165	210	254	254	315	315	400	175	200	250	315
Serrations	90°	90°	90°	90°	90°	90°	90°	90°	90°	60°	60°	60°	60°
Jaw movement mm*	3.2	3.2	3.5	4.5	5.5	5.5	6.2	6.2	7.5	4	5	6.2	6.2
Piston stroke mm	12	12	13	17	20.5	20.5	23	23	28	15	18.5	23	23
Chuck height mm*	72	82	91	101	117.5	117.5	126.5	126.5	153.5	106	110	130	143
Connection dimensions mm	ZA60/A2-4	ZA115/A2-5	ZA140/A2-5	ZA170/A2-6	ZA170/A2-6	ZA220/A2-8	ZA220/A2-8	ZA300/A2-11	ZA380/A2-15	A2-5	A2-6	A2-8	A2-11
Through-hole mm	27	34	46	54	79	79	98.5	98.5	133	56	66	86	108
Connection thread	M34x1.5	M38x1.5	M54x1.5	M74x1.5	M94x1.5	M94x1.5	M114x2	M114x2	M148x2	M65x1.5	M75x2	M94x1.5	M120x1.5
Max. actuating force kN*	17	25	30	38	52	52	62	62	90	40	48	65	80
Max. total clamping force ca. kN*	48	70	86	110	150	150	180	180	250	95	110	150	180
Max. perm. speed per min.	8500	8000	8000	6500	5000	5000	4200	4200	3150	7000	6500	5000	4200
Moment of inertia J kgm²	0.007	0.018	0.04	0.12	0.3	0.3	0.82	0.82	2.5	0.06	0.11	0.35	0.62
Weight without top jaws ca. kg	4.3	7	11.5	19.6	33	33	56.8	56.8	108.7	15.3	19.9	35.3	62.7

Call for pricing

POWER CHUCKS

QUICK CHANGE JAW CHUCK

DURO-A RC

Lightning-fast feeds and speeds, extreme RPM, and unconventional machining methods are certain to push outdated clamping equipment to - and beyond - its limit.

We just raised the limit. The most innovative chuck on the market, the RÖHM DURO-A RC is our answer to the uncompromising speed, power, and functionality of modern machine tools. This next-generation workholding solution is distinguished by its:

- 40% price reduction over its predecessor
- 14% reduced length for workspace maximization
- Lowest centrifugal force loss
- Quick jaw-change system (adjust, reverse, or swap jaws in less than 60 seconds)
- Three-year warranty, the longest in the industry (pursuant to DURO-A RC warranty)

3-jaw power chuck **DURO-A RC**, cylindrical center mount, connection dimensions according to **DIN ISO 702-4**

Item No.	183100	183101	183104	183106	183107	183108	183111	183112	183114	183115
Size / outside diameter	180	180	215	215	260	260	315	315	400	400
Jaw movement mm	6.8	6.8	7.4	7.4	8.2	8.2	8.8	8.8	9.4	9.4
Chuck height mm	83.9	83.9	95.9	113.9	108.5	108.5	117.7	117.7	125.7	125.7
Connection dimensions mm	ZA 140	ZA 170	ZA 170	KK8	ZA 170	ZA 220	ZA 220	ZA 300	ZA 300	ZA 380
Piston stroke mm	20	20	25	25	28	28	28	28	30	30
Through-hole mm	53	53	66	66	81	81	104	104	128	128
Q mm	M60x1.5	M60x1.5	M75x1.5	M75x1.5	M90x1.5	M90x1.5	M110x2	M110x2	M138x2	M138x2
Max. actuating force kN	32	32	47	47	63	63	90	90	120	120
Max. total clamping force ca. kN	64	64	100	100	135	135	180	180	240	240
Max. perm. speed per min.	6300	6300	6000	6000	4700	4700	4000	4000	3500	3500
Moment of inertia J kgm²	0.056	0.056	0.14	0.15	0.32	0.33	0.8	0.84	2.3	2.4
Weight without top jaws ca. kg	12.74	13.5	21.2	24	34.7	34.8	57.5	60	104	108
Universal draw tube adapter	optionally available	optionally available	optionally available	optionally available	optionally available	optionally available	optionally available	optionally available	optionally available	optionally available
Adaption to short taper mount DIN ISO 702-1	optionally available	optionally available	optionally available	-	optionally available	optionally available	optionally available	optionally available	optionally available	optionally available

Call for pricing

COLLET SYSTEM

CAPTIS

MODULAR AND FLEXIBLE SYSTEM FOR INTERNAL AND EXTERNAL CLAMPING

The modular design CAPTIS clamping system quickly converts from external to internal clamping with a quick change of the mandrel. The quick conversion can be implemented due to its innovative and patent-pending rapid-change function. CAPTIS collets feature proven RÖHM quality with high concentricity, repeatability and excellent force distribution.

- Quick conversion from external to internal clamping in less than 1 minute
- High concentricity and repeatability of 0.005 mm
- Compact design for more work space within the machine
- Various combination and retooling possibilities
- For use with lathes, drilling, milling, machining centers, measuring and manual machines

Watch video

COLLETS & MANDRELS

COLLETS

PRODUCT BENEFITS:

- Industry standard interface, interchangeable with comparable collet chucks
- Round smooth and serrated available from stock
- Hex, square and custom shapes available upon request
- Connecting segments are made of innovative rubber mixture
- Rubber segments are replaceable and offer the longest service life for your collet
- Hardened and ground steel segments for high resistance to wear
- Clamping range of +/- 0.5 mm
- Available sizes: 32, 42, 52, 65, 80, 100, 120
- Made in Germany

MANDRELS

PRODUCT BENEFITS:

- Innovative, patent-pending rapid-change function for quick retooling from external to internal clamping in less than one minute
- Rapid change of clamping sleeves due to a central clamping screw
- Stable and precise clamping due to axial pull

Watch video Call for pricing Request brochure

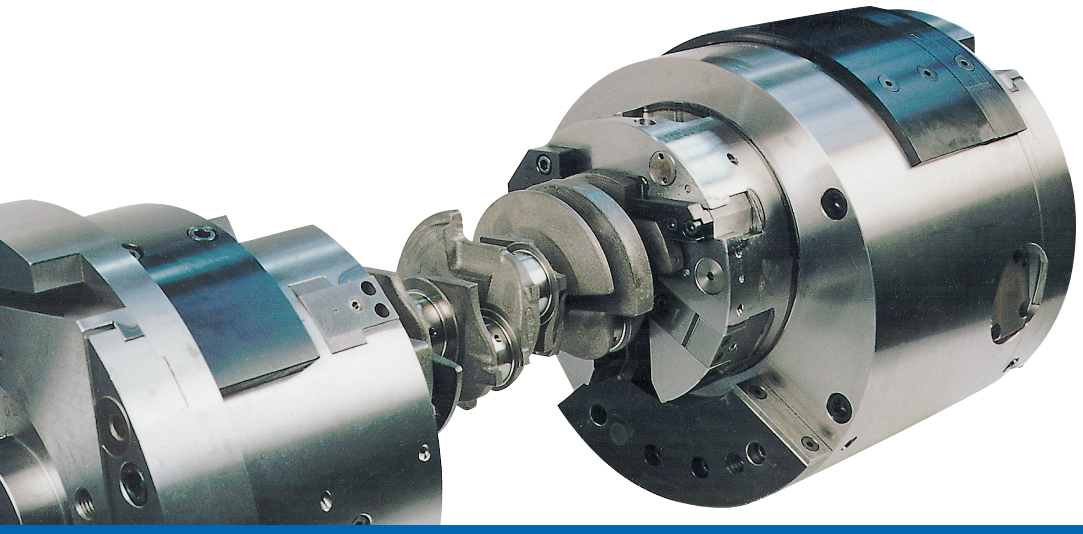
WE HOLD TRUE TO SERVICE & SUPPORT

While our advanced clamping and gripping solutions secure your manufacturing productivity and profitability, our service and support program safeguards your purchase by maximizing your holding power for as long as you own the equipment.

- Half a million spare parts in stock
- Factory-trained technicians
- ISO 9001 certification
- Onsite maintenance and repair
- Parts and labor warranty

DID YOU KNOW…

- RÖHM clamping tools can clamp workpieces of up to 5.5 meter diameter and 25 tons weight
- Worldwide more than 50% of all automotive crankshafts are clamped with RÖHM clamping tools
- Time would stand still in the watch industry without RÖHM – we hold most watch components with our micro technology chucks
- To date, RÖHM has more than 450 patents granted



RÖHM

driven by technology

RÖHM Products of America, Inc
2500 Northlake Dr., Suwanee, GA 30024
770.963.8440
www.rohm-products.com