



DRILL CHUCKS

2015/2016

RÖHM
driven by technology

We work for customers who have a weakness for our strengths.

Companies intent on making a difference are obliged to develop constantly as well as deploy their strengths to the benefit of customers. At RÖHM, we have set ourselves high targets and are doing our very best to achieve them. This is why we support our customers all over the world by means of the six performance indicators so typical of RÖHM:



Dynamism

Variety

Security

Partnership

Globality

Innovation



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DRILL CHUCKS

Quick-action drill chucks industry

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Quick-action drill chucks

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Operation guide



TYPE	SPIRO-I	SUPRA-I	SUPRA-S	SUPRA-SK	SUPRA-SK E
Features	Self clamping, flat jaws				
Clamping capacity	0 - 16 mm	0 - 16 mm	0.5 - 16 mm	0.5 - 13 mm	1.5 - 13 mm
Mount	B 10/12/ 16/18 J 6	B 10/12/ 16/18 J 0/1/2/6/33 1/2"-20 3/8"-24	B 12/16/18 1/2"-20 3/8"-24 5/8"-16	B 12/16 1/2"-20 3/8"-24	1/2"-20
For	 	  	 	 	 
Concentricity					
Clockwise rotation					
For machines without spindle stop					
Radial locking					
Impact resistant					
Socket					
Automatic retightening					
Jaw					
Page	1006	1007	1008	1009	1010



yes



metal



machining centers



corded drills



optional



plastic



stationary drilling machines



cordless screw drivers

Operation guide



TYPE	EXTRA-RV 80	EXTRA-RV 60	EXTRA-RV 40	PRIMA-I	PRIMA-S / -M	PRIMA-L
Features	Keyless, radial locking			Key-type		
Clamping capacity	1 - 13 mm	1.5 - 13 mm	1 - 13 mm	0.5 - 26 mm	0.5 - 16 mm	1 - 13 mm
Mount	1/2"-20 3/8"-24 SDS plus Hex	1/2"-20	1/2"-20 3/8"-24	B 12/16/ 18/22/24 J 1/2/3/6/33 5/8"-16	B 10/12/16/18 1/2"-20 3/8"-24 5/8"-16 SDS plus Hex	1/2"-20 3/8"-24
For						
Concentricity						
Clockwise rotation						
For machines without spindle stop						
Radial locking						
Impact resistant						
Socket						
Automatic retightening						
Jaw						
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hammer
drilling



impact drilling
1/4" hexagonal mount



roundend
jaws



jaws with
carbide inserts



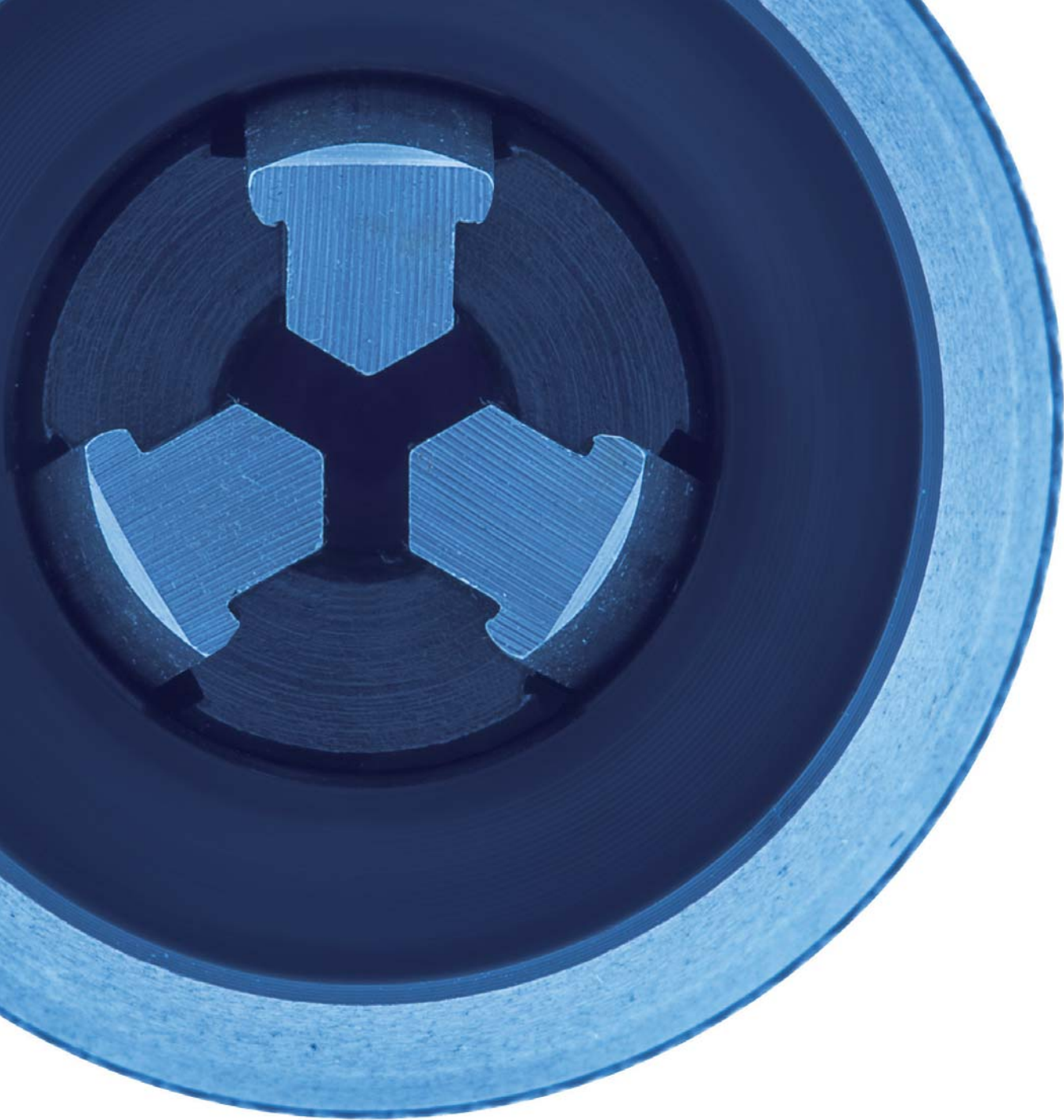
clockwise / counter-
clockwise rotation



hammer
drilling



flat jaws



SELF-CLAMPING FLAT JAW QUICK-ACTION DRILL CHUCK

The absolute highlight of the SPIRO and SUPRA drill chucks is the self-automatic reclamping. This function, in combination with the hardened flat jaws, increases the clamping force proportional to the cutting force during drilling operation. This prevents the drill from slipping, even at extreme loads.



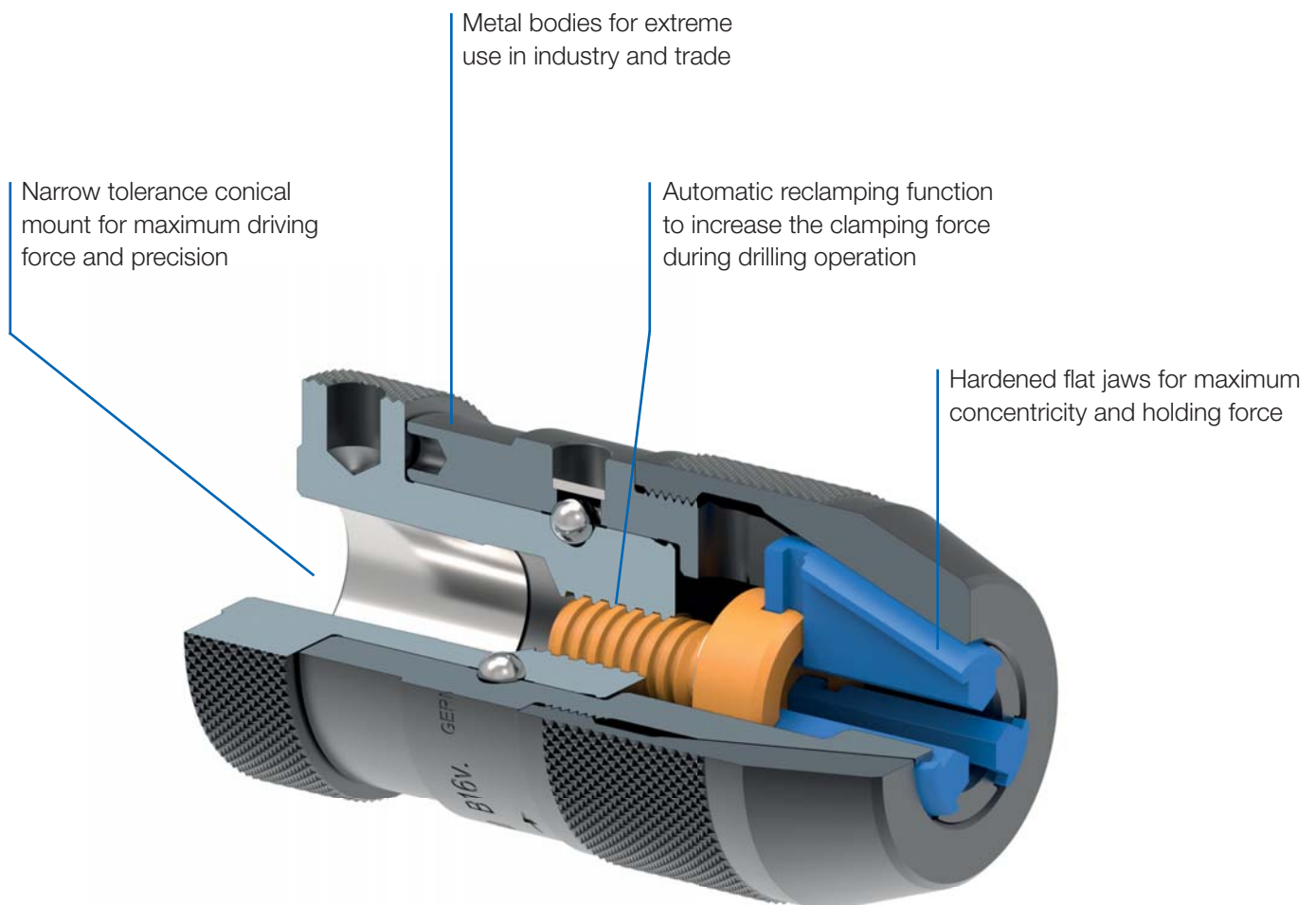
Video drill chuck

QUICK-ACTION DRILL CHUCKS INDUSTRY

The high concentricity and the hardened flat jaws are the decisive factor for these drill chucks. Without these product features, the drill is not centrally clamped, with the result that the borehole will become too large. RÖHM drill chucks guarantee precise concentricity of up to 0.05 mm.

ADVANTAGES AT A GLANCE

- ⊕ Increase in the clamping force proportional to the cutting force by the automatic reclamping function
- ⊕ Precise concentricity of up to 0.05 mm due to the proven flat jaw principle
- ⊕ Long lifetime due to large-area clamping chamfer



SPIRO-I



APPLICATION

Especially suitable on machine tools, box column drills and drilling machines.

TYPE

Self-clamping flat jaw drill chuck with metal sleeve.
Industrial design with maximum precision.

CUSTOMER BENEFITS

- ⌚ Highest concentricity of up to 0.05 mm
- ⌚ Increase in the clamping force proportional to the cutting force by the auto-matic reclamping function
- ⌚ Conical mount for maximum driving force and precision

TECHNICAL FEATURES

- Strong retaining ring
- Functional components made from steel
- Hardened and ground



A03
SPIRO-I for machine tools, box column drills and drilling machines



Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g
871003	6	I	0-6,5	B 10	0,05	35	62,5	68,6	315
871004	6	I	0-6,5	B 12	0,05	35	62,5	68,6	310
871008	10	I	0-10	B 12	0,05	43	82,5	90,1	665
871009	10	I	0-10	B 16	0,05	43	82,5	90,1	650
871015	13	I	1-13	J 6	0,05	50	94	102,5	980
871012	13	I	1-13	B 16	0,05	50	94	102,5	995
871018	16	I	3-16	J 6	0,05	55	96,5	106,8	1255
871016	16	I	3-16	B 16	0,05	55	96,5	106,8	1260
871017	16	I	3-16	B 18	0,05	55	96,5	106,8	1250

SUPRA-I



APPLICATION

Especially suitable on drilling machines and hand-operated drills.
Rapid clamping and releasing of the drilling tools without key.

TYPE

Self-clamping flat jaw drill chuck with metal sleeve.
Industrial design with maximum precision.

CUSTOMER BENEFITS

- ② Highest concentricity of up to 0.12 mm
- ② Increase in the clamping force proportional to the cutting force by the automatic reclamping function
- ② Light and quick clamping of tools for maximum user-friendliness

TECHNICAL FEATURES

- Strong retaining ring
- Functional components made from steel
- All wear parts are hardened and ground



A02

SUPRA-I heavy industrial version for drilling machines and hand-operated drills


Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g
871020	4	I	0-4	J0	0,12	26	46,5	51,5	130
871019	4	I	0-4	B10	0,12	26	45,5	50,8	137
871025	6	I	0-6,5	3/8"-24	0,2	32	59,5	65,6	301
871024	6	I	0-6,5	J1	0,12	32	59,5	65,6	275
871022	6	I	0-6,5	B10	0,12	32	59,5	65,6	280
871023	6	I	0-6,5	B12	0,12	32	59,5	65,6	250
871033	8	I	0-8	J1	0,12	35,8	67	73,4	390
871034	8	I	0-8	3/8"-24	0,2	35,8	67	73,4	390
871031	8	I	0-8	B10	0,12	35	67	73,5	380
871032	8	I	0-8	B12	0,12	35,8	67	73,4	345
871042	10	I	0-10	J2	0,12	40,2	80,5	87,1	636
871043	10	I	0-10	J33	0,12	40,2	84	90,6	560
871045	10	I	0-10	1/2"-20	0,2	40,2	79,5	86,1	618
871044	10	I	0-10	3/8"-24	0,2	40,2	79,5	86,1	625
871040	10	I	0-10	B12	0,12	40,2	79,5	86,1	578
871041	10	I	0-10	B16	0,12	40,2	82,5	89,1	624
871055	13	I	1-13	1/2"-20	0,2	46	93	101,5	932
871052	13	I	1-13	J2	0,12	46	91	99,5	900
871054	13	I	1-13	J6	0,12	46	94	102,5	870
871051	13	I	1-13	B16	0,12	46	93	101,5	915
871053	13	I	1-13	J33	0,12	46	94	102,5	948
871066	16	I	3-16	J6	0,12	51	96,5	106,8	1120
871064	16	I	3-16	B16	0,12	51	96,5	106,8	1161
871065 ¹⁾	16	I	3-16	B18	0,12	51	96,5	106,8	1115

¹⁾ shortened: B18 by 7 mm



SUPRA-S



APPLICATION

Suitable for box column drills and hand-operated drills.

TYPE

Self-clamping flat jaw drill chuck with metal sleeve.

CUSTOMER BENEFITS

- Concentricity of up to 0.17 mm
- Increase in the clamping force proportional to the cutting force by the automatic reclamping function
- Easy and quick clamping of tools for maximum user-friendliness

TECHNICAL FEATURES

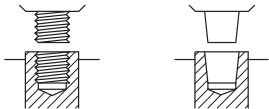
- Strong retaining ring
- Functional components made from steel



A02
SUPRA-S light version mainly for box column drills and hand-operated drills



Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g
871038	10	S	0,5-10	3/8"-24	0,25	35,8	66	73,7	370
871039	10	S	0,5-10	1/2"-20	0,25	35,8	66	73,7	377
871049	13	S	1-13	3/8"-24	0,25	40,2	76,3	83,6	610
871050	13	S	1-13	1/2"-20	0,25	40,2	76,3	83,6	548
871046	13	S	1-13	B12	0,17	40,2	78,8	86,1	593
871047	13	S	1-13	B16	0,17	40,2	82,3	89,6	581
871062	16	S	3-16	1/2"-20	0,25	46	87,5	97,5	880
871063	16	S	3-16	5/8"-16	0,25	46	87,5	97,5	865
871057	16	S	3-16	B16	0,17	46	88,5	98,5	858
871058	16	S	3-16	B18	0,17	46	92	102	875



SUPRA-SK



APPLICATION

For hand-operated percussion drills and drills up to 1300 watt with mounting thread and taper mount.

TYPE

Impact-resistant and self-clamping flat jaw drill chucks with metal sleeve. Clockwise and counterclockwise rotation with locking mechanism.

CUSTOMER BENEFITS

- ② Concentricity of up to 0.25 mm
- ② No re-clamping in clockwise and counterclockwise rotation by locking mechanism
- ② Impact-resistant for universal use

TECHNICAL FEATURES

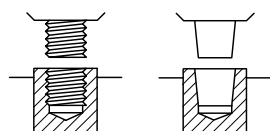
- Strong retaining ring
- Functional components made from steel
- Hardened and ground



A02

SUPRA-SK for hand-operated percussion drills and drills up to 1300 watt


Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g
249910	10	S	0,5-10	3/8"-24	0,3	40	66	73,7	428
249925	10	S	0,5-10	1/2"-20	0,3	40	66	73,7	399
305188	10	S	0,5-10	B 12	0,25	40	68	75,7	416
249804	13	S	1-13	1/2"-20	0,3	42,8	74,2	83,3	537
1261218 ¹⁾	13	S	1-13	1/2"-20	0,3	42,8	76	83,3	537
305221	13	S	1-13	B 12	0,25	42,8	77	86,1	575
305203	13	S	1-13	B 16	0,25	42,8	80,2	89,3	585

¹⁾ blister packaging




SUPRA-SK E



APPLICATION

For hand-operated percussion drills and drills up to 1000 watt and cordless drills with up to 70 Nm of torque.

TYPE

Impact-resistant and self-clamping flat jaw drill chuck with metal sleeve. Clockwise and counterclockwise rotation with locking mechanism. For machines with and without spindle stop.

CUSTOMER BENEFITS

- Concentricity of up to 0.35 mm
- No re-clamping in clockwise and counterclockwise rotation due to locking mechanism
- Impact-resistant for universal use

TECHNICAL FEATURES

- Functional components made from steel
- Hardened and ground



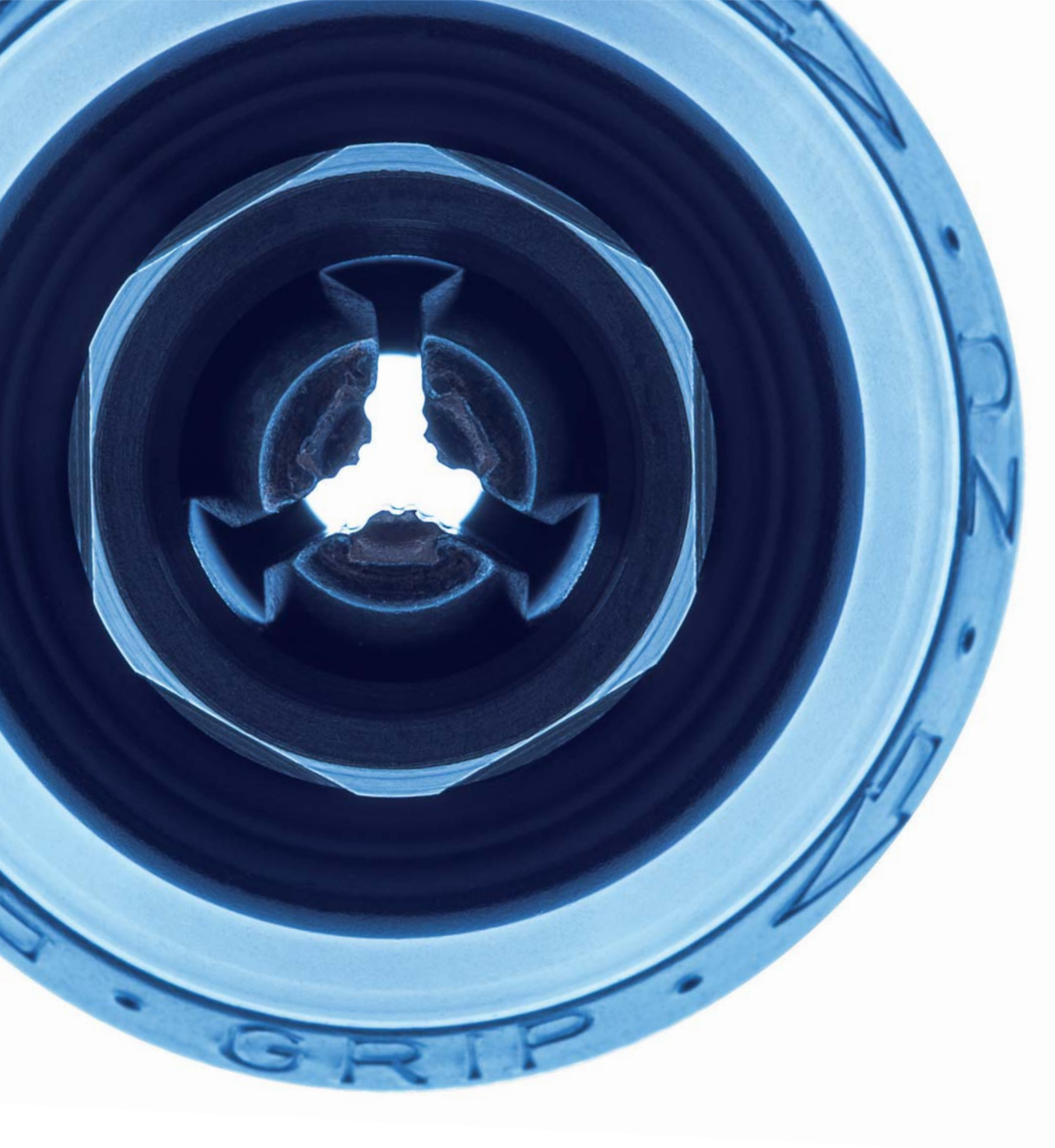
A02

SUPRA-SK E for hand-operated percussion drills and drills up to 1000 watt and cordless drills up to 70 Nm of torque



Item no.	Size	Type	Clamping capacity mm	Mount	Retaining ring	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g
1193004	13	E	1,5-13	1/2"-20		0,35	42,9	72,0	79,3	375
1193005	13	E	1,5-13	1/2"-20	●	0,35	42,5	72,0	79,3	375
1261219 ¹⁾	13	E	1,5-13	1/2"-20		0,35	42,9	72	79,3	402
1261220 ¹⁾	13	E	1,5-13	1/2"-20	●	0,35	42,5	72	79,3	390

¹⁾ blister packaging



MAXIMUM USER-FRIENDLINESS

The EXTRA-RV drill chucks impress with their user-friendliness. The drill chuck is clamped and locked with a single manual operation. The radial locking device prevents the unintentional release of the drill bit during clockwise and counterclockwise rotation and makes percussion drilling possible. Thus, these quick-action drill chucks are predestined for use on hand-operated drills.



Video drill chuck

QUICK-ACTION DRILL CHUCKS

Due to the weight-reduced design as well as the easy handling, the RÖHM EXTRA-RV drill chucks are optimally suited for use on hand-operated drills. In addition, the drill chucks are impact-resistant and can therefore be used universally.

ADVANTAGES AT A GLANCE

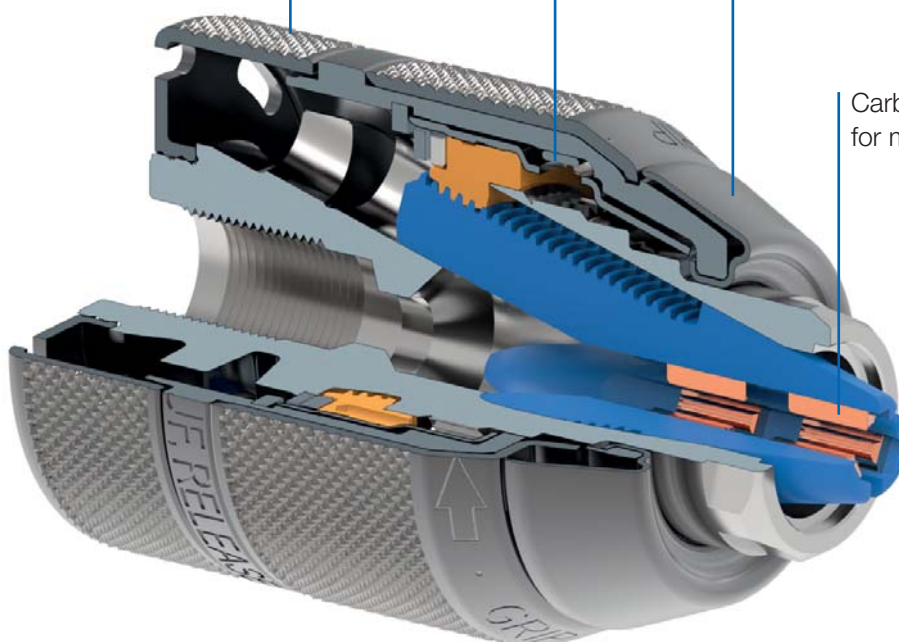
- Easy clamping and locking with one manual operation for maximum user-friendliness
- No reclamping in clockwise or counterclockwise rotation due to radial locking
- Impact-resistant for universal use

Compact and weight-reduced design for optimal use on hand-operated drills

Radial locking to prevent reclamping in clockwise and counterclockwise rotation

Freely rotating sleeve to prevent damage

Carbide clamping jaws for maximum torque



EXTRA-RV 80



APPLICATION

For corded and cordless drills with and without spindle stop up to a maximum torque of 100 Nm and up to 1500 watt.

TYPE

Impact-resistant quick-action drill chuck with radial locking and plastic or metal sleeve.
Available in two and single sleeve design for machines with and without spindle stop.
With through-hole for clockwise and counterclockwise rotation.

CUSTOMER BENEFITS

- Easy clamping and locking with one manual operation for maximum user-friendliness
- No re-clamping in clockwise and counterclockwise rotation due to radial locking
- Impact-resistant for universal use

TECHNICAL FEATURES

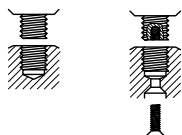
- With carbide inserts in the clamping jaws (size 13)



A01
EXTRA-RV 80 with radial locking, metal design



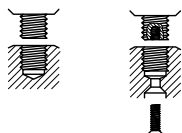
Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Max. mach. capacity	Through-hole
893351	10	1-10	3/8"-24		metal	0,35	42,7	55	60,9	550	●
893350	10	1-10	1/2"-20		metal	0,35	42,7	55	60,9	550	●
1033053	10	1-10	1/2"-20	●	metal	0,35	42,7	55	60,9	550	●
1033051	13	1,5-13	3/8"-24	●	metal	0,4	42,7	64,5	72,4	1100	●
893352	13	1,5-13	1/2"-20		metal	0,4	42,7	64,5	72,4	1100	●
802490	13	1,5-13	1/2"-20	●	metal	0,4	42,7	64,5	72,4	1100	●



A01
EXTRA-RV 80 with radial locking, plastic design



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	Through-hole
767573	10	1-10	3/8"-24		plastic	0,35	42,7	55	60,9	550	●
664467	10	1-10	3/8"-24	●	plastic	0,35	42,7	55	60,9	550	●
767651	10	1-10	1/2"-20		plastic	0,35	42,7	55	60,9	550	●
767639	10	1-10	1/2"-20	●	plastic	0,35	42,7	55	60,9	550	●
767641	13	1,5-13	3/8"-24		plastic	0,4	42,7	64,5	72,4	1000	●
767657	13	1,5-13	3/8"-24	●	plastic	0,4	42,7	64,5	72,4	1000	●
767580	13	1,5-13	1/2"-20		plastic	0,4	42,7	64,5	72,4	1000	●
767692	13	1,5-13	1/2"-20	●	plastic	0,4	42,7	64,5	72,4	1000	●



EXTRA-RV 80

A01

EXTRA-RV 80 with SDS plus mounting shank and radial locking, metal design



Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	External Ø mm	Length opened mm	Length closed mm	Through-hole
1288566	13	1,5-13	1/2"-20 / SDS plus	●	metal	42,5	64,5	72,4	●

Use exclusively with hammer function deactivated



A01

EXTRA-RV 80 for impact screwdriver mounting 1/4" Hex, plastic design, specially suited for impact screwdrivers (eccentricity)



Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	External Ø mm	Length opened mm	Length closed mm	Through-hole
1178269	10	1-10	1/4"-Hex		plastic	42,5	55	63,1	



EXTRA-RV 60



APPLICATION

For corded and cordless drills with spindle stop up to a maximum torque of 80 Nm and up to 1000 watt.

TYPE

Impact-resistant quick-action drill chuck with radial locking and plastic or metal sleeve.
With through-hole for clockwise and counterclockwise rotation.

CUSTOMER BENEFITS

- Easy clamping and locking with one manual operation for maximum user-friendliness
- No re-clamping in clockwise and counterclockwise rotation due to radial locking
- Impact-resistant for universal use

TECHNICAL FEATURES

- Equipped with collision protector



A01
EXTRA-RV 60 with radial locking, very compact metal design



Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	External Ø mm	Length opened mm	Length closed mm	Through-hole
1261209 ¹⁾	13	1,5-13	1/2"-20		metal	42,7	55,8	69,2	●

¹⁾ blister packaging

A01
EXTRA-RV 60 with radial locking, very compact plastic design



Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	External Ø mm	Length opened mm	Length closed mm	Through-hole
1261210 ¹⁾	13	1,5-13	1/2"-20		plastic	42,7	55,8	69,2	●

¹⁾ blister packaging

EXTRA-RV 40 - Orange Line

ORANGE LINE



APPLICATION

For corded and cordless drills with spindle stop up to a maximum torque of 60 Nm and up to 650 watt.

TYPE

Impact-resistant quick-action drill chuck with radial locking and plastic or metal sleeve.
Available in two and single sleeve design for machines with and without spindle stop.
With through-hole for clockwise and counterclockwise rotation.

CUSTOMER BENEFITS

- Easy clamping and locking with one manual operation for maximum user-friendliness
- No re-clamping in clockwise and counterclockwise rotation due to radial locking
- Impact-resistant for universal use

TECHNICAL FEATURES

- Equipped with collision protector



A01

EXTRA-RV 40 - Orange Line, **metal design**, with radial locking


Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Through-hole
1261211 ¹⁾	13	1,5-13	1/2"-20		metal	0,35	42,7	57	67,5	•
1261212 ¹⁾	13	1,5-13	1/2"-20	•	metal	0,35	42,7	57	67,5	•

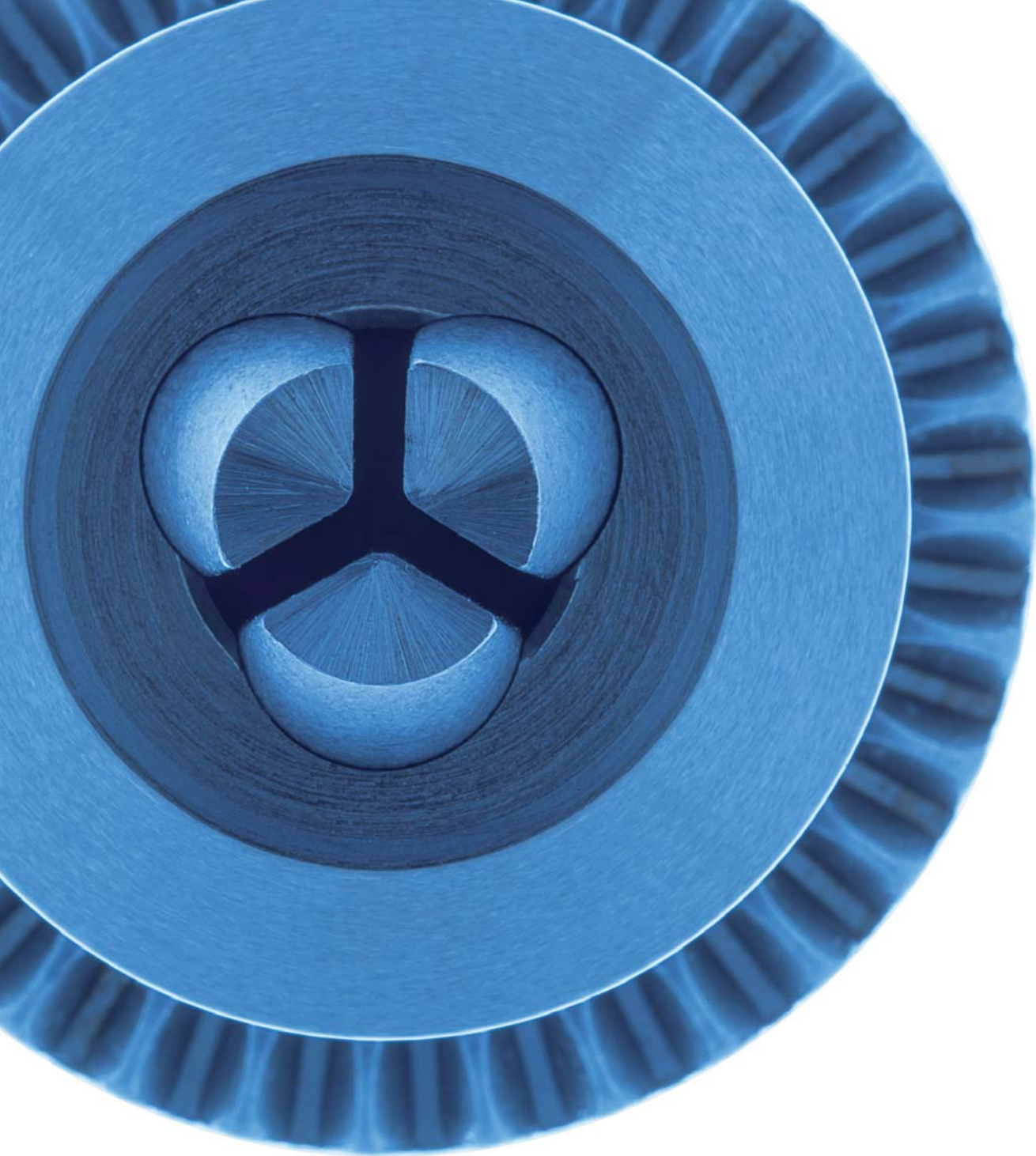
¹⁾ blister packaging

A01

EXTRA-RV 40 - Orange Line, **plastic design**, with radial locking

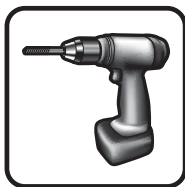

Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Through-hole
1261217 ¹⁾	10	1-10	3/8"-24	•	plastic	0,35	42,7	50,2	60	•
1261215 ¹⁾	10	1-10	1/2"-20		plastic	0,35	42,7	50,2	60	•
1261216 ¹⁾	10	1-10	1/2"-20	•	plastic	0,35	42,7	50,2	60	•
1261213 ¹⁾	13	1,5-13	1/2"-20		plastic	0,35	42,7	57	67,5	•
1261214 ¹⁾	13	1,5-13	1/2"-20	•	plastic	0,35	42,7	57	67,5	•

¹⁾ blister packaging



UNIVERSALLY APPLICABLE

Key-type drill chucks are the all-round talents among drill chucks. In stationary box column drills, hand-operated corded and cordless drills, the drill chucks perform in every way.



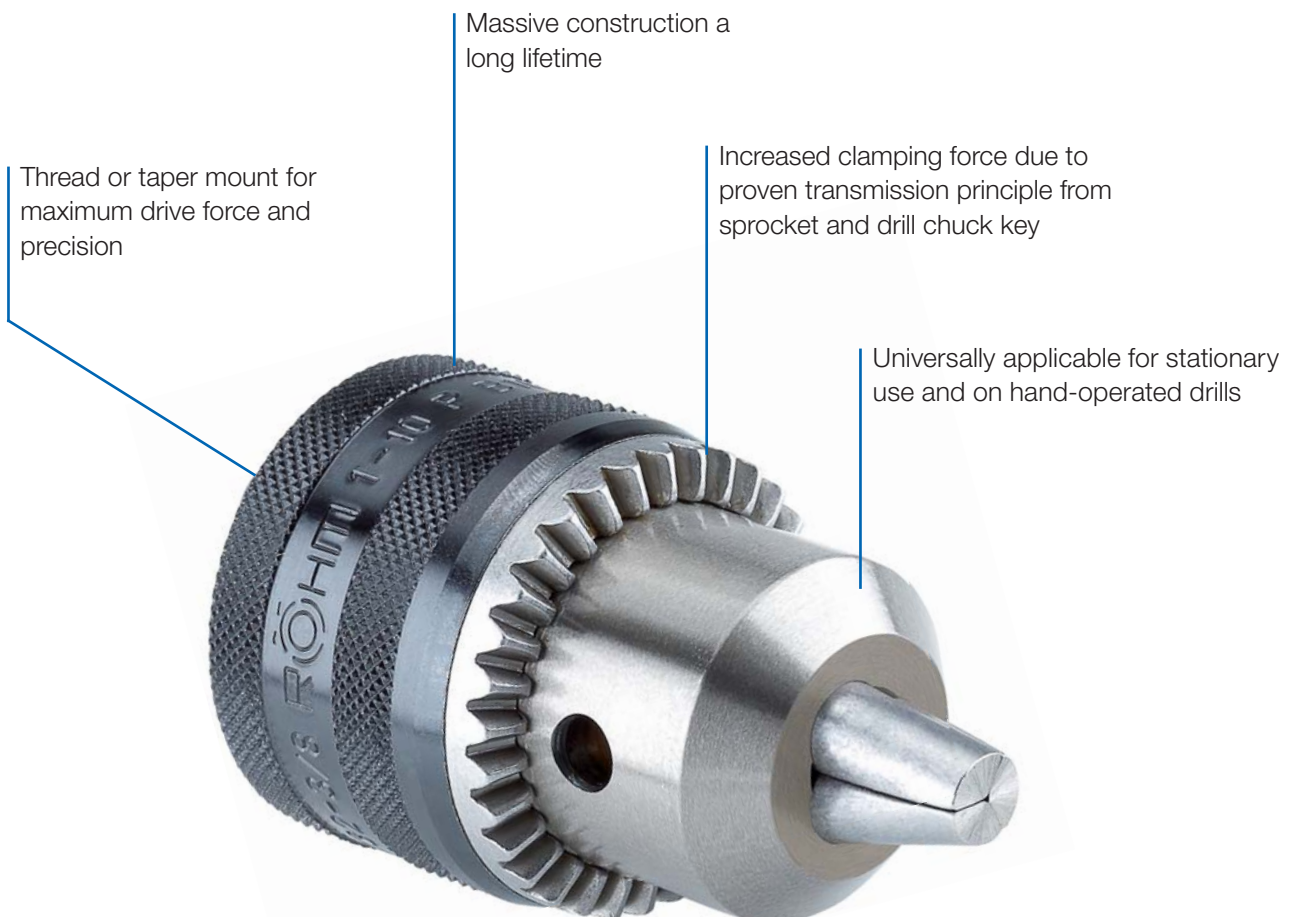
Video drill chuck

KEY-TYPE DRILL CHUCKS

Key-type drill chucks from RÖHM convince with their universal applicability. These drill chucks have proven themselves over decades on stationary box column drills, machine tools, as well as on hand-operated corded and cordless drills.

ADVANTAGES AT A GLANCE

- Universally applicable for stationary use and on hand-operated drills
- High concentricity of up to 0.15 mm due to massive construction
- Increased clamping force due to proven transmission principle by means of drill chuck key



PRIMA-I



APPLICATION

For universal use on stationary box column drills as well as machine tools.

TYPE

Impact-resistant key-type drill chuck with key. Conical/threaded mount in acc. with DIN ISO 10887 (toothing in acc. with DIN 6349). With through-hole for clockwise and counterclockwise rotation. Industrial design with maximum precision.

CUSTOMER BENEFITS

- ⌚ High concentricity of up to 0.15 mm
- ⌚ Increased clamping force due to proven transmission principle by means of drill chuck key

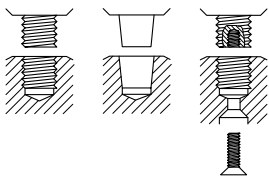
TECHNICAL FEATURES

- Hardened keyholes and clamping prisms



A01

PRIMA-I heavy industrial version used on stationary box column drills as well as machine tools



Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Key size
072810	6	I	0,5-6,5	J1	0,15	29,5	42,5	52,5	S1
245548	6	I	0,5-6,5	B12	0,15	29,5	47,5	57,5	S1
072687	10	I	1-10	B16	0,2	42,8	63	77	S2 A
072693	10	I	1-10	J2	0,2	42,8	59	75,5	S2 A
072818	13	I	1-13	J6	0,2	52	67,5	86	S3
072819	13	I	1-13	J33	0,2	52	67,5	86	S3
072820	13	I	1-13	5/8"-16	0,25	52	68,5	87,5	S3
072825	16	I	1-16	B18	0,2	56,5	79	98	S3
072827	16	I	1-16	J3	0,2	56,5	79	98	S3
072828	16	I	1-16	J6	0,2	56,5	79	98	S3
072829	16	I	1-16	5/8"-16	0,2	56,5	80	100,5	S3
072831	20	I	5-20	B22	0,25	65	92,5	113,5	S4
072833	20	I	5-20	J3	0,25	65	82,5	103,5	S4
072834 ¹⁾	26	I	5-26	B24	0,25	80	120	147	S4

¹⁾ with driver

PRIMA-S / -M



APPLICATION

For universal use on stationary box column drills as well as hand-operated corded and cordless drills.

TYPE

Impact-resistant key-type drill chuck with key. Conical/threaded mount in acc. with DIN ISO 10887 (toothing in acc. with DIN 6349).

With through-hole for clockwise and counterclockwise rotation.

Medium-heavy design with metal sleeve.

CUSTOMER BENEFITS

- High concentricity of up to 0.2 mm
- Increased clamping force due to proven transmission principle by means of drill chuck key

TECHNICAL FEATURES

- Hardened keyholes and clamping prisms



A01

PRIMA-S / -M slight intermediate sizes, primarily for hand-operated percussion drilling machines

Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Key size
072811	6	M	0,5-6,5	3/8"-24	0,2	29,5	42,5	53	S1
245586	6	M	0,5-6,5	B10	0,2	29,5	43	53	S1
245485	8	M	0,5-8	B10	0,23	29,5	43	53	S1
245550	8	M	0,5-8	B12	0,23	29,5	47,5	57,5	S1
245552	8	M	0,5-8	3/8"-24	0,28	29,5	42,5	53	S1
245553	8	M	0,5-8	1/2"-20	0,28	29,5	45	55,5	S1
072653	10	S	0,8-10	B12	0,23	34,5	50	60,5	S2 A
317255 ¹⁾	10	S	0,8-10	3/8"-24	0,28	34,5	49,5	61	S2 A
317256 ¹⁾	10	S	0,8-10	1/2"-20	0,28	34,5	49,5	61	S2 A
1261221 ²⁾	10	S	1-10	3/8"-24	0,005	34	50	60	S2
1261222 ²⁾	10	S	1-10	1/2"-20	0,005	34,5	49,5	61	S2 A
1261223 ²⁾	13	S	1,5-13	1/2"-20	0,005	42,4	59	74	S2 A
064527	13	S	1,5-13	3/8"-24	0,28	42,8	59	74	S2 A
072800	13	S	1,5-13	B16	0,25	42,8	63	77	S2 A
072897	13	S	1,5-13	B12	0,25	42,8	58	72	S2 A
317257 ¹⁾	13	S	1,5-13	1/2"-20	0,28	42,8	59	74	S2 A
1261224 ²⁾	16	M	3-16	1/2"-20	0,03	50	68,5	87,5	S3
1154662	16	S	3-16	1/2"-20	0,35	50	68,5	87,5	S3
1154663	16	S	3-16	5/8"-16	0,35	50	87,5	68,5	S3
1154664	16	S	3-16	B 16	0,35	50	86,5	67,5	S3
1154665	16	S	3-16	B 18	0,35	50	75,5	94,7	S3

¹⁾ drilled-through for clockwise and counterclockwise rotating drilling and percussion drilling machines M5 or M6

²⁾ blister packaging

A01

PRIMA 6L for impact drivers mounting 1/4" Hex

Item no.	Size	Type	Clamping capacity mm	Mount	External Ø mm	Length opened mm	Length closed mm	Key size
368292	6	L	0,5-6,5	1/4" Hex	29,3	42,5	53	S14

For clockwise and counterclockwise rotation

Only with switched-off impact function



PRIMA

A01
HBF hammer drill chuck with SDS plus adapter



Item no.	Size	Type	Clamping capacity mm	Mount	External Ø mm	Length opened mm	Length closed mm	Key size
600581	13	HBF	2,5-13	SDS plus	42,9	68	81,5	S2A

With carbide inserts in the clamping jaws
Chuck end play for transmitting the entire impact onto the drill
For clockwise and counterclockwise rotation.



A01
PRIMA with SDS plus adapter



Item no.	Clamping capacity mm	Mount	External Ø mm	Length opened mm	Length closed mm	Key size
1288568	1,5-13	1/2"-20 / SDS plus	42,9	74	59	S2A

Only with switched-off impact function



PRIMA-L - Orange Line

ORANGE LINE



APPLICATION

For universal use on do-it-yourself drills.

TYPE

Impact-resistant drill chuck with key and threaded mount in acc. with DIN ISO 10887 (toothin in acc. with DIN 6349).
With through-hole for clockwise and counterclockwise rotation.
Lightweight version with metal sleeve.

CUSTOMER BENEFITS

- ⌚ High concentricity of up to 0.35 mm
- ⌚ Increased clamping force due to proven transmission principle by means of drill chuck key

TECHNICAL FEATURES

- Hardened clamping prisms



A01
PRIMA-L - Orange Line



Item no.	Size	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Key size
1261225 ¹⁾	10	1-10	1/2"-20	0,35	33,5	49,5	61,5	S2 A
1261226 ¹⁾	10	1-10	3/8"-24	0,35	33,5	49,5	61,5	S2 A
1261227 ¹⁾	13	1,5-13	1/2"-20	0,35	42,5	59	74,5	S2 A
1261228 ¹⁾	13	1,5-13	3/8"-24	0,35	42,5	59	74,5	S2 A

¹⁾ blister packaging

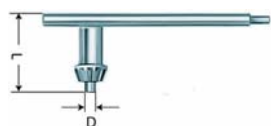
Drill chuck keys BFS

A01

Keys with **DIN toothing 6349** for key-type drill chucks

Item no.	Size	D mm	L mm	Weight g
026411	S1	4	30	25
205989	S2 A	6	41	50
025835	S3	8	50	100
025839	S4	9	55	115

A01

Keys with **DIN toothing 6349** for key-type drill chucks

Item no.	Size	D mm	L mm	Weight g
309380	S2 AT	6	42	50
309382	S 3T	8	51	90

A01

Key with **Jacobs-toothing**

Item no.	Size	D mm	L mm	Weight g
307319	S14	6,1	30	50

Tapping chucks GSF

A03

GSF without locking pin



Item no.	Size	Mount	Square clamping width mm	For taps	External Ø mm	Key	Set of jaws
319605	9	B10	3-9	M 3,5-14	28	026416	309341
303081	9	B12	3-9	M 3,5-14	28	026416	309341

A03

GSF with locking pin for an additional lock of the cone



Item no.	Size	Mount	Square clamping width mm	For taps	External Ø mm	Key	Set of jaws
307158	9	B12	3-9	M 3,5-14	28	026416	309341

Taper shank arbors KD

A04

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



Item no.	Morse taper DIN 228 B	Hole for alignment pin	L mm	A mm	C mm	E mm	G mm	H mm	Weight g
014897	1	B10	86	62	12,065	14,5	10,095	9,4	55
014898	1	B12	89	62	12,065	18,5	12,065	11,1	65
014899	1	B16	97	62	12,065	24	15,733	14,5	90
014900	1	B18	106	62	12,065	32	17,78	16,2	110
018755 ¹⁾	1	B18	97	62	12,065	25	17,431	16,2	95
014904	2	B10	103,5	75	17,78	14,5	10,095	9,4	130
014905	2	B12	106,5	75	17,78	18,5	12,065	11,1	135
014906	2	B16	110,5	75	17,78	24	15,733	14,5	160
014907	2	B18	117,5	75	17,78	32	17,78	16,2	180
018756 ¹⁾	2	B18	108,5	75	17,78	25	17,431	16,2	165
014908	2	B22	128,5	75	17,78	40,5	21,793	19,8	245
014911	3	B12	125	94	23,825	18,5	12,065	11,1	280
014912	3	B16	134	94	23,825	24	15,733	14,5	310
014913	3	B18	141	94	23,825	32	17,78	16,2	320
018757 ¹⁾	3	B18	132	94	23,825	25	17,431	16,2	320
014914	3	B22	147	94	23,825	40,5	21,793	19,8	390
014915	3	B24	158	94	23,825	50,5	23,825	21,3	440
014916	4	B16	159	117,5	31,267	24	15,733	14,5	625
014917	4	B18	168	117,5	31,267	32	17,78	16,2	660
018758 ¹⁾	4	B18	159	117,5	31,267	25	17,431	16,2	640
014918	4	B22	176	117,5	31,267	40,5	21,793	19,8	715
014919	4	B24	185	117,5	31,267	50,5	23,825	21,3	770
014920	5	B16	196	149,5	44,399	24	15,733	14,5	1600
014921	5	B18	204,5	149,5	44,399	32	17,78	16,2	1600
018759 ¹⁾	5	B18	195,5	149,5	44,399	25	17,431	16,2	1560
014922	5	B22	213,5	149,5	44,399	40,5	21,793	19,8	1650
014923	5	B24	224,5	149,5	44,399	50,5	23,825	21,3	1700

¹⁾ for SUPRA and SPIRO with shortened pick up 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	Hole for alignment pin	L mm	A mm	C mm	E mm	G mm	H mm	Weight g
014970	1	J1	86,5	62	12,065	16,7	9,754	8,5	50
014971	1	J2	92	62	12,065	22,2	14,199	12,4	70
014972	1	J3	101	62	12,065	31	20,599	19	50
014974	1	J6	95	62	12,065	25,4	17,17	15,9	50
014976	2	J1	101	75	17,78	16,7	9,754	8,5	130
014977	2	J2	106,5	75	17,78	22,2	14,199	12,4	160
014978	2	J3	115,5	75	17,78	31	20,599	19	200
014980	2	J33	109,5	75	17,78	25,4	15,85	14,2	160
014981	2	J6	109,5	75	17,78	25,4	17,17	15,9	165
014983	3	J2	126	94	23,825	22,2	14,199	12,4	310
014984	3	J3	135	94	23,825	31	20,599	19	350
014987	3	J33	129	94	23,825	25,4	15,85	14,2	310
014988	3	J6	129	94	23,825	25,4	17,17	15,9	310
014991	4	J3	161	117,5	31,267	31	20,599	19	475
014995	4	J6	155	117,5	31,267	25,4	17,17	15,9	620

Reducing sleeves RH

A05

Precision version DIN 2185 completely hardened, ground internal and external


Item no.	External taper MT	Internal taper MT	L mm	Weight approx. g
017017	1	0	80	30
017018	2	1	92	95
017019	3	1	99	250
017020	3	2	112	190
017021	4	1	124	550
017022	4	2	124	480
017023	4	3	140	360
017024	5	1	156	1700
017025	5	2	156	1520
017026	5	3	156	1360
017027	5	4	171	950
017028	6	2	218	4300
017029	6	3	218	4100
017030	6	4	218	3600
017031	6	5	218	2550

A05

Taper drift


Item no.	For MT	Length mm	Weight g
017075	0	90	14
017076	1+2	140	70
017077	3	190	150
017078	4	225	310
017079	5+6	265	650

A05

Taper drift for one-hand-operation


Item no.	For MT	Length mm	Weight g
317236	1-3	320	320
317258	4-6	380	520

Extensions sleeves VLH

A05

Precision version DIN 2187 completely hardened, ground internal and external



Item no.	External taper MT	Internal taper MT	D mm	L1 mm	L2 mm	Weight g
029122	1	1	20	145	83	190
029123	1	2	30	160	98	340
029124	2	1	20	160	85	250
029125	2	2	30	175	100	400
029126	2	3	36	196	121	840
029127	3	1	20	175	81	400
029128	3	2	30	194	100	550
029129	3	3	36	215	121	1000
029130	3	4	48	240	146	1500
029131	4	1	20	200	82,5	800
029132	4	2	30	215	97,5	850
029133	4	3	36	240	122,5	1300
029134	4	4	48	265	147,5	1900
029135	4	5	63	300	182,5	3310
029136	5	1	20	232	82,5	1800
029137	5	2	30	247	97,5	1900
029138	5	3	36	268	118,5	2150
029139	5	4	48	300	150,5	2750
029140	5	5	63	335	185,5	4200
029141	6	4	48	355	145	5420
029142	6	5	63	390	180	6750

Drill and reamer extensions BV

A05

Precision version completely hardened, ground internal and external


Item no.	External taper MT	Internal taper MT	D mm	L1 mm	L2 mm	Weight approx. g
029143	1	1	20	200	138	250
029144	1	1	20	250	188	375
029145	1	1	20	300	238	500
029146	1	1	20	350	288	625
029147	1	1	20	400	338	750
029148	1	1	20	450	388	875
029149	1	1	20	500	438	1000
029150	2	2	25	200	125	430
029151	2	2	25	250	175	625
029152	2	2	25	300	225	820
029153	2	2	25	350	275	1015
029154	2	2	25	400	325	1200
029155	2	2	25	450	375	1400
029156	2	2	25	500	425	1600
029157	2	2	25	600	525	1800
029158	3	3	32	250	156	1000
029159	3	3	32	300	206	1300
029160	3	3	32	350	256	1550
029161	3	3	32	400	306	1850
029162	3	3	32	450	356	2100
029163	3	3	32	500	406	2400
029164	3	3	32	600	506	2700
029165	4	4	40	300	182,5	1650
029166	4	4	40	350	232,5	2150
029167	4	4	40	400	282,5	2650
029168	4	4	40	450	332,5	3100
029169	4	4	40	500	382,5	3600
029170	4	4	40	600	482,5	4200

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