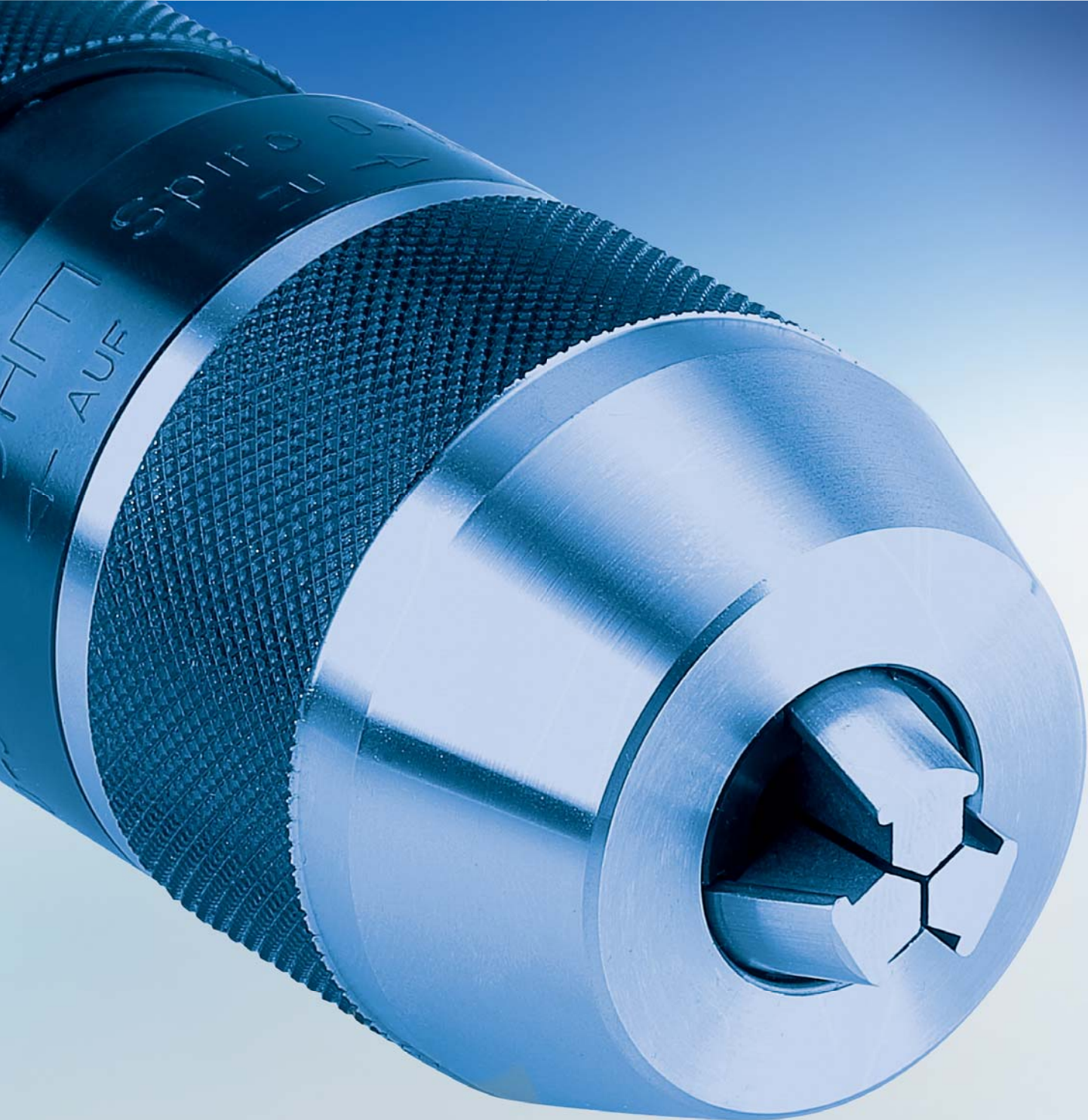




DRILL CHUCKS

EDITION 8.1

RÖHM
driven by technology



Table of contents



DRILL CHUCKS

Quick-action drill chucks industry

SPIRO-I	1006
SPIRO-SK	1007
SUPRA-I	1008
SUPRA-S	1009
SUPRA-SK	1010
SUPRA-SK E	1011

Quick-action drill chucks

EXTRA50-RV	1014
EXTRA80-RV	1016

Key-type drill chucks

PRIMA-I / -M / -S / -L	1020
Drill chuck keys BFS	1023

Two-jaw tapping chucks

Tapping chucks GSF	1024
--------------------	------

Accessories

Taper shank arbors KD	1025
Reducing sleeves RH	1026
Extensions sleeves VLH	1027
Drill and reamer extensions BV	1028

Operation guide



TYPE	SPIRO-I	SPIRO-SK	SUPRA-I	SUPRA-S	SUPRA-SK	SUPRA-SK E
Features	Self-tightening, flat jaws					
Clamping capacity	0 - 16 mm	0 - 13 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 16	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
Application						
Counterclock- wise rotation						
For machines without spindle stop						
Radial locking						
Impact resistant						
Sleeve						
Automatic retightening						
Page	1006	1008	1008	1009	1010	1011



yes



metal



machining centers



corded drills



optional



plastic



stationary drills



cordless drills

Operation guide



TYPE	EXTRA50-RV	EXTRA80-RV	PRIMA-I	PRIMA-M / -S / -L
Features	Keyless, radial locking		Key-type	
Clamping capacity	1,5 - 13 mm	1 - 13 mm	0,5 - 26 mm	0,5 - 16 mm
Mount	1/2"-20 9/16"-18	1/2"-20 3/8"-24 9/16"-18 SDS plus 1/4" Hex	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 1/4" Hex
Application				
Counterclockwise rotation				
For machines without spindle stop				
Radial locking				
Impact resistant				
Sleeve				
Automatic retightening				
Page	1014	1016	1020	1020


percussion
drilling

1/4" hexagonal
mount

clockwise / counter-
clockwise rotation

SDS plus
mount



SELF-TIGHTENING

The absolute highlight of the SPIRO and SUPRA drill chucks is the automatic retightening. This function increases the clamping force proportional to the cutting force of the tool during drilling operation. This prevents the drill bit from slipping, even at extreme loads.



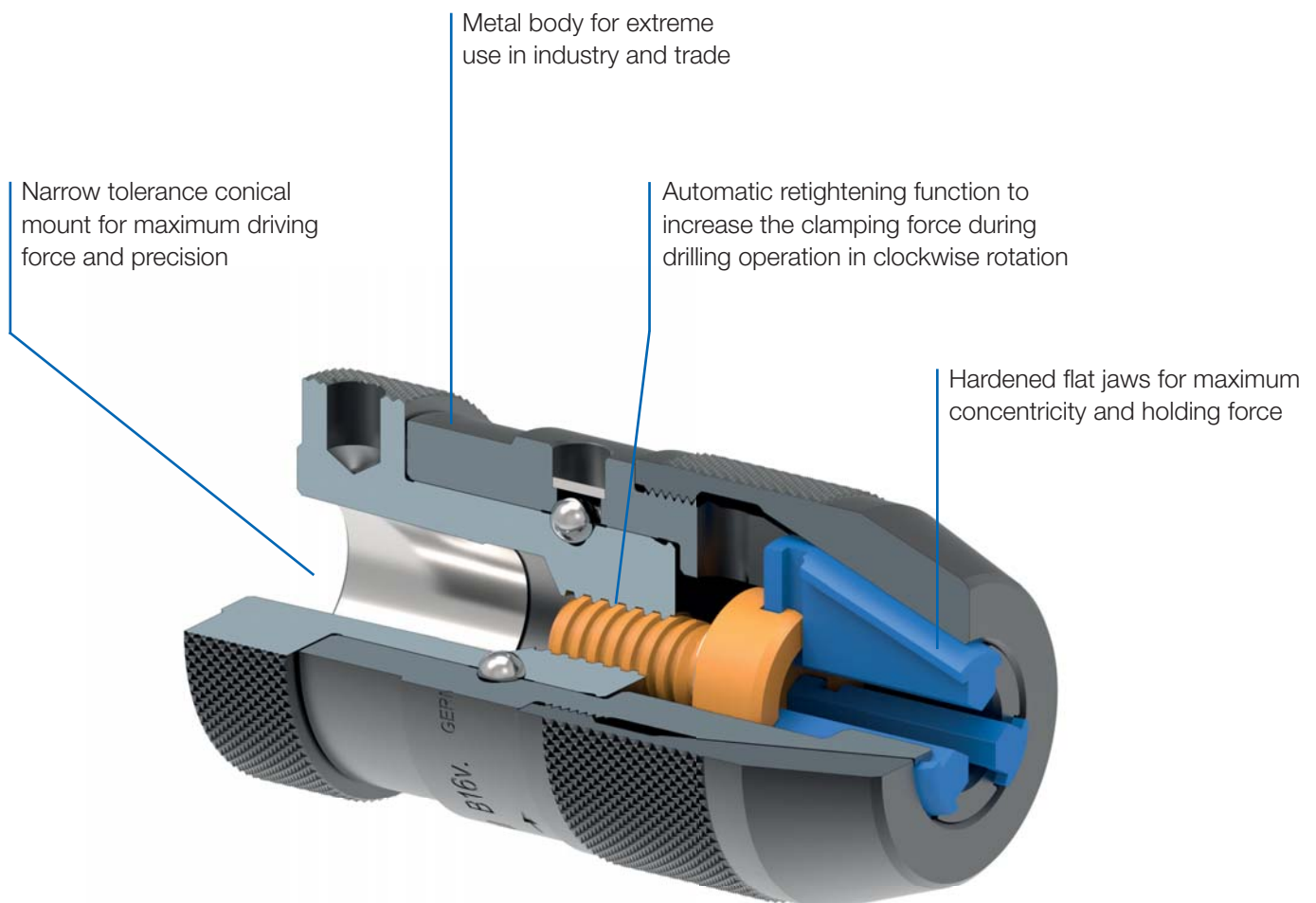
Video drill chuck

QUICK-ACTION DRILL CHUCKS INDUSTRY

The high concentricity and the automatic retightening in clockwise rotation are the decisive factors for these drill chucks. Due to the high precision of all individual parts a run-out accuracy of up to 0.05 mm is guaranteed depending on the design.

ADVANTAGES AT A GLANCE

- ⊕ Increase in the clamping force proportional to the cutting force by the automatic retightening function
- ⊕ Precise concentricity of up to 0.05 mm
- ⊕ Long lifetime due to hardened functional parts



SPIRO-I



APPLICATION

Especially suitable on machining centers, stationary drills and drilling machines with high precision requirements.

TYPE

Self-tightening flat jaw drill chuck.
Industrial design with maximum precision.

CUSTOMER BENEFITS

- ③ Precise concentricity of up to 0.05 mm
- ③ Increase in the clamping force proportional to the cutting force by the automatic retightening function
- ③ Conical mount for maximum driving force and precision

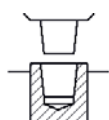
TECHNICAL FEATURES

- Strong retaining ring
- All components made from steel
- Hardened and ground
- Only suitable for clockwise rotation



A03

SPIRO-I for machining centers, stationary 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
871012	13	I	1-13	B 16	0,05	50	94	102,5	995
871016	16	I	3-16	B 16	0,05	55	96,5	106,8	1260
871017 ¹⁾	16	I	3-16	B 18	0,05	55	96,5	106,8	1250

¹⁾ Shortened: B18 by 7 mm

SPIRO-SK



APPLICATION

Especially suitable on machining centers, stationary drills and drilling machines with high precision requirements.

TYPE

Self-tightening flat jaw drill chuck with metal sleeve and clamping force safety device.
Industrial design with maximum precision.

CUSTOMER BENEFITS

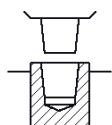
- Precise concentricity of up to 0.07 mm over the whole clamping range
- Increase in the clamping force proportional to the cutting force by automatic retightening function and no releasing in counterclockwise rotation
- Conical mount for maximum driving force and precision

TECHNICAL FEATURES

- The locking of the pawl prevents the unintentional release in counterclockwise rotation up to a turning moment of 15 Nm
- All functional parts are hardened and ground



A03

SPIRO-SK for machining centers, stationary 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
871070	10	I	0-10	B 16	0,07	43	81,5	89,1	670
871071¹⁾	13	S	1-13	B 16	0,07	43	85	93,1	1050

¹⁾ Shortened: B16 by 2.5 mm

SUPRA-I



APPLICATION

Especially suitable on stationary drills and hand-operated drills.

TYPE

Self-tightening flat jaw drill chuck.
Industrial design with maximum precision.

CUSTOMER BENEFITS

- ③ Precise concentricity of up to 0.12 mm
- ③ Increase in the clamping force proportional to the cutting force by the automatic retightening function
- ③ Easy and quick clamping of tools for maximum user-friendliness

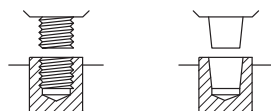
TECHNICAL FEATURES

- Strong retaining ring
- All components made from steel
- Hardened and superfinished
- Only suitable for clockwise rotation



A02

SUPRA-I heavy industrial design for stationary 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
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
871032	8	I	0-8	B12	0,12	35,8	67	73,4	345
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
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 stationary drills and hand-operated drills.

TYPE

Self-tightening flat jaw drill chuck.

CUSTOMER BENEFITS

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

TECHNICAL FEATURES

- Strong retaining ring
- All components made from steel
- Hardened and superfinished
- Only suitable for clockwise rotation



A02

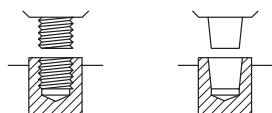
SUPRA-S light design mainly for stationary drills and hand-operated drills



Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Weight g
871029	8	S	0-8	3/8"-24	0,25	32	61,5	67,6	285
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 ¹⁾	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 ¹⁾	16	S	3-16	B16	0,17	46	88,5	98,5	858
871058 ²⁾	16	S	3-16	B18	0,17	46	92	102	875

¹⁾ Shortened: B16 by 2.5 mm

²⁾ Shortened: B18 by 7 mm



SUPRA-SK



APPLICATION

For extreme use on hand-operated percussion drills and drills up to 1300 watt with mounting thread or conical mount.

TYPE

Impact-resistant and self-tightening flat jaw drill chuck. Also suitable for counterclockwise rotation by radial locking.

CUSTOMER BENEFITS

- Concentricity of up to 0.25 mm
- Increase in the clamping force proportional to the cutting force by automatic retightening function and no releasing in counterclockwise rotation
- Impact-resistant by radial locking for universal use

TECHNICAL FEATURES

- Strong retaining ring
- Hardened and superfinished
- Suitable for counterclockwise rotation up to maximal 15 Nm

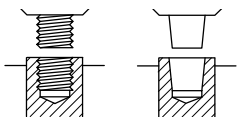


A02
SUPRA-SK for hand-operated percussion drills and drills



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
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
305221	13	S	1-13	B 12	0,25	42,8	77	86,1	575
305203 ¹⁾	13	S	1-13	B 16	0,25	42,8	80,2	89,3	585

¹⁾ Shortened: B16 by 2.5 mm



SUPRA-SK E



APPLICATION

Especially suited for hand-operated percussion drills, drills and cordless drills up to 70 Nm of torque.

TYPE

Impact-resistant and self-tightening flat jaw drill chuck. Also suitable for counterclockwise rotation by radial locking.

CUSTOMER BENEFITS

- ⊕ Concentricity of up to 0.35 mm
- ⊕ Increase in the clamping force proportional to the cutting force by automatic retighteningfunction and no releasing in counterclockwise rotation
- ⊕ Impact-resistant by radial locking for universal use

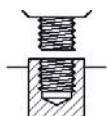
TECHNICAL FEATURES

- Hardened and superfinished
- Suitable for counterclockwise rotation up to maximal 50 Nm



A02

SUPRA-SK E for hand-operated percussion drills and drills up to 1000 watt and cordless drills with 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	402
1193005	13	E	1,5-13	1/2"-20	•	0,35	42,5	72,0	79,3	390



MAXIMUM USER-FRIENDLINESS

The EXTRA-RV drill chucks impress with their user-friendliness. The drill chuck is tightened 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

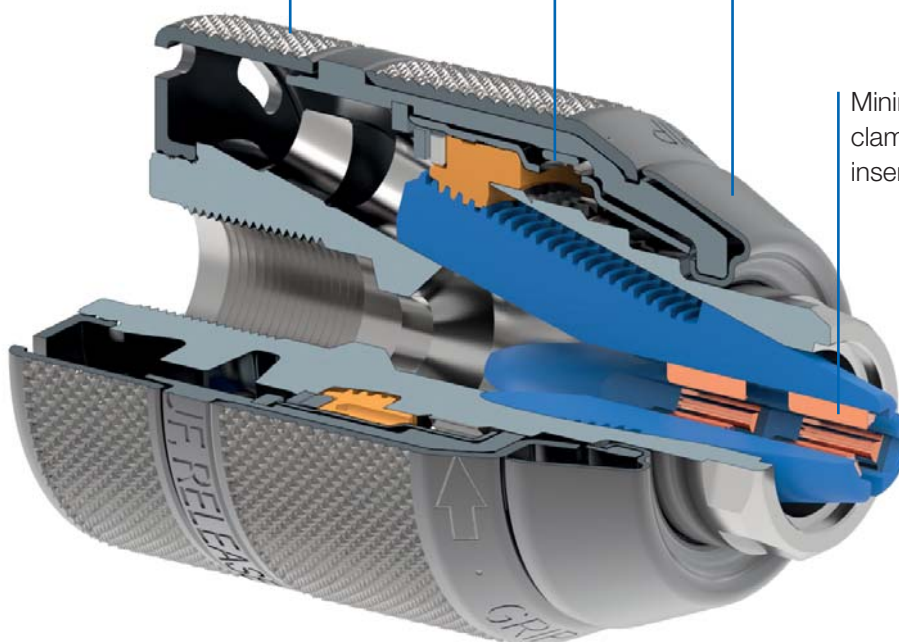
- Easy clamping and locking with one hand operation for maximum user-friendliness
- Radial locking device to prevent release of the drill bit during clockwise and counterclockwise rotation
- Impact-resistant for universal use

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

Radial locking device to prevent unintentional release of the drill bit during clockwise and counterclockwise rotation

Freely rotating protection disc to prevent damage

Minimal wear through clamping jaws with carbide inserts





EXTRA50-RV



APPLICATION

Drill chuck specially designed for cordless drills with spindle stop up to a maximum torque of 80 Nm.

TYPE

Impact-resistant quick-action drill chuck with radial locking and metal sleeve. With through-hole for use of a locking screw.

CUSTOMER BENEFITS

- Very compact design reducing the top-heaviness of the entire cordless drill
- Easy clamping and locking with one manual operation offering maximum user-friendliness
- Radial locking device to prevent inadvertant release of the drill bit during clockwise and counterclockwise rotation. Impact resistant.

TECHNICAL FEATURES

- With carbide inserts in the clamping jaws
- Equipped with collision protector by freely rotating protection disc



A01
EXTRA50-RV with radial locking, metal design



Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	Concen- tricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Max. torque Nm	Through- hole
1322450	13	1,5-13	9/16-18"		Metall	0,4	42,4	51	60,9	80	•
1322451	13	1,5-13	1/2"-20		Metall	0,4	42,4	51	60,9	80	•

Note: locking screw is not included in scope of delivery

EXTRA80-RV



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.
Optional with retaining ring for machines without spindle stop.
With through-hole for use of a locking screw.

CUSTOMER BENEFITS

- Easy clamping and locking with one manual operation for maximum user-friendliness
- Radial locking device to prevent release of the drill bit during clockwise and counterclockwise rotation
- Impact-resistant for universal use

TECHNICAL FEATURES

- With carbide inserts in the clamping jaws
- Equipped with collision protector by freely rotating protection disc



A01

EXTRA80-RV 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 watt	Through-hole
1328321	10	1-10	3/8"-24		metal	0,4	42,7	55	60,9	550	•
1328318	10	1-10	1/2"-20		metal	0,4	42,7	55	60,9	550	•
1328317	10	1-10	1/2"-20	•	metal	0,4	42,7	55	60,9	550	•
1328314	13	1,5-13	3/8"-24	•	metal	0,4	42,7	64,5	72,4	1500	•
1328311	13	1,5-13	1/2"-20		metal	0,4	42,7	64,5	72,4	1500	•
1328310	13	1,5-13	1/2"-20	•	metal	0,4	42,7	64,5	72,4	1500	•
1339960	13	1,5-13	9/16"-18		metal	0,4	42,7	64,5	72,4	1500	•

Note: locking screw is not included in scope of delivery

A01

EXTRA80-RV 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 watt	Through-hole
1328323	10	1-10	3/8"-24		plastic	0,4	42,7	55	60,9	550	•
1328322	10	1-10	3/8"-24	•	plastic	0,4	42,7	55	60,9	550	•
1328320	10	1-10	1/2"-20		plastic	0,4	42,7	55	60,9	550	•
1328319	10	1-10	1/2"-20	•	plastic	0,4	42,7	55	60,9	550	•
1328316	13	1,5-13	3/8"-24		plastic	0,4	42,7	64,5	72,4	1300	•
1328315	13	1,5-13	3/8"-24	•	plastic	0,4	42,7	64,5	72,4	1300	•
1328313	13	1,5-13	1/2"-20		plastic	0,4	42,7	64,5	72,4	1300	•
1328312	13	1,5-13	1/2"-20	•	plastic	0,4	42,7	64,5	72,4	1300	•

Note: locking screw is not included in scope of delivery

EXTRA80-RV

A01

EXTRA80-RV 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 without SDS-shank mm	Length closed without SDS-shank mm
1288566	13	1,5-13	1/2"-20 / SDS plus	•	metal	42,7	64,5	72,4

Use only with deactivated percussion function



A01

EXTRA80-RV for impact screwdriver mounting 1/4" Hex, plastic design, specially suited for impact screwdrivers (eccentricity)

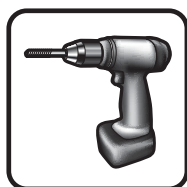

Item no.	Size	Clamping capacity mm	Mount	Retaining ring	Design	External Ø mm	Length opened without SDS-shank mm	Length closed without SDS-shank mm
1178269	10	1-10	1/4"-Hex	•	plastic	42,7	55	63,1





UNIVERSALLY APPLICABLE

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



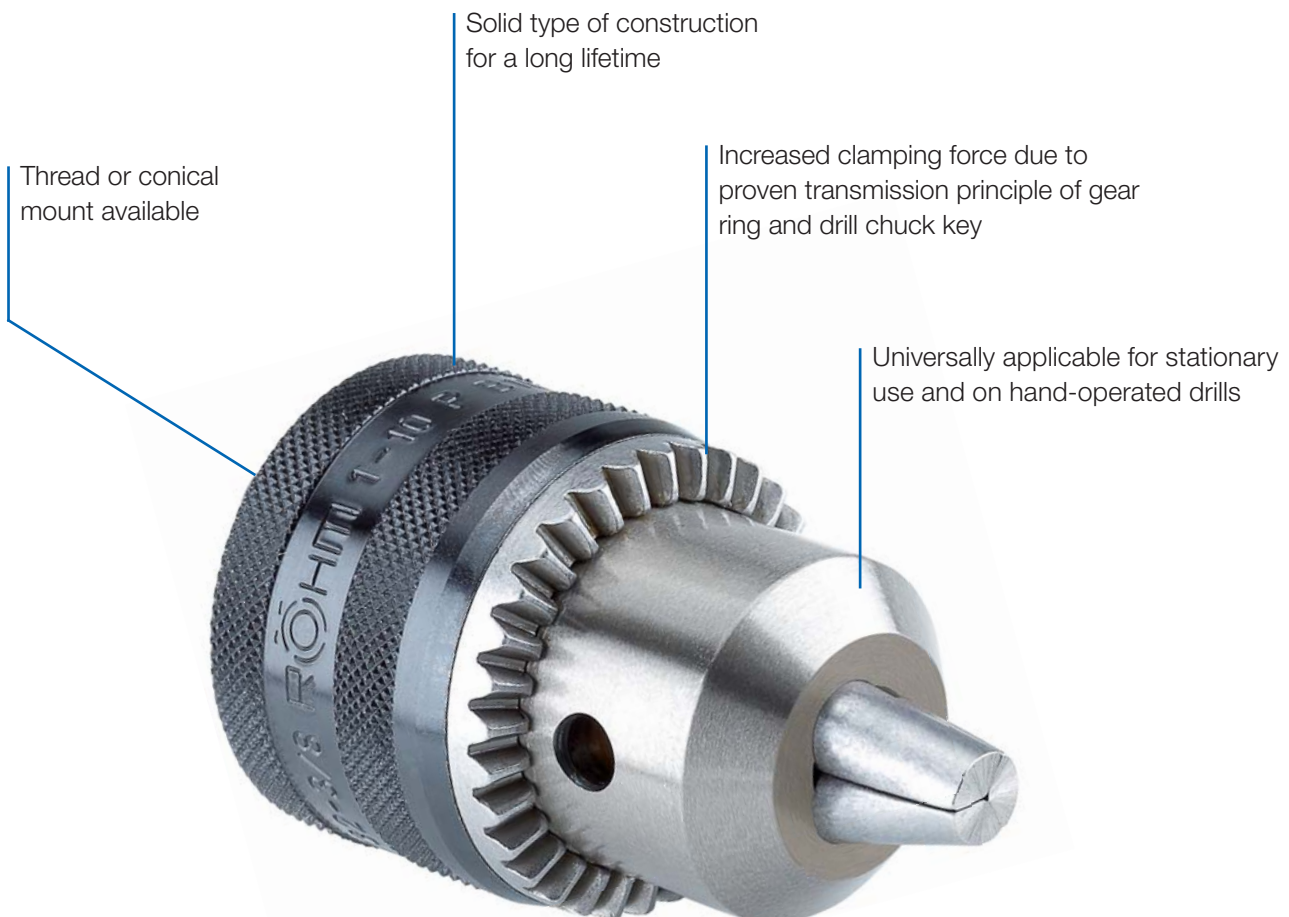
Video drill chuck

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 drills, machine tools, as well as on hand-operated corded and cordless drills. Increased power transmission is achieved due to the solid construction and the use of drill chuck keys.

ADVANTAGES AT A GLANCE

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





APPLICATION

PRIMA-I: Heavy industrial version for universal use on stationary drills as well as machine tools.

PRIMA-S / -M: Medium heavy version for universal use on stationary drills as well as hand-operated corded and cordless drills.

PRIMA-L: For universal use on do-it-yourself 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). For clockwise and counterclockwise rotation.

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 prism for type -I, -S, -M

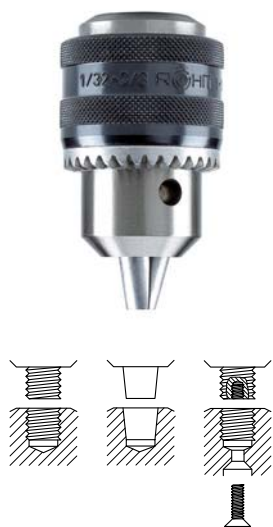


A01

PRIMA-I for stationary drills as well as machine tools

PRIMA-S / -M primarily for hand-operated percussion drilling machines

PRIMA-L for universal use on do-it-yourself drills



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
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	
072656	8	I	0,5-8	J1	0,15	34,5	48	58,5	S2A	
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	
072687	10	I	1-10	B16	0,2	42,8	63	77	S2A	
072693	10	I	1-10	J2	0,2	42,8	61,5	75,5	S2A	
072653	10	S	0,8-10	B12	0,23	34,5	50	60,5	S2A	
317255	10	S	0,8-10	3/8"-24	0,28	34,5	49,5	61	S2A	•
317256	10	S	0,8-10	1/2"-20	0,28	34,5	49,5	61	S2A	•
1322220	10	L	1-10	3/8"-24	0,35	33,35	49,5	61	S2A	•
1322221	10	L	1-10	1/2"-20	0,35	33,35	49,5	61	S2A	•
072818	13	I	1-13	J6	0,2	50	67,5	86	S3	
072819	13	I	1-13	J33	0,2	50	67,5	86	S3	
064527	13	S	1,5-13	3/8"-24	0,28	42,8	59	74	S2A	
317257	13	S	1,5-13	1/2"-20	0,28	42,4	59	74	S2A	•
072800	13	S	1,5-13	B16	0,25	42,8	63	77	S2A	
072897	13	S	1,5-13	B12	0,25	42,8	58	72	S2A	
1322222	13	L	1,5-13	3/8"-24	0,35	42,4	59	74	S2A	•
1322223	13	L	1,5-13	1/2"-20	0,35	42,4	59	74	S2A	•
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	
1322236	16	M	3-16	5/8"-16	0,3	50	68,5	87,5	S3	
072866	16	M	3-16	1/2"-20	0,3	50	68,5	87,5	S3	
227152	16	M	3-16	B16	0,25	50	67,5	86,5	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

Note: locking screw is not included in scope of delivery

PRIMA

A01

PRIMA-Mat (LT-MT) key-type drill chuck with excentric clamping force safety device


Item no.	Size	Type	Clamping capacity mm	Mount	External Ø mm	Length opened mm	Length closed mm	Key size	Through-hole
1196033	16	MT	3-16	M18x2,5	50	68,5	87,5	S3T	•
329718	16	LT	3-16	5/8"-16	50	68,5	87,5	S3T	

For percussion drills with a high impact frequency

With through-hole for clockwise and counterclockwise rotating drills and percussion drills with locking screw M5 or M6

A01

PRIMA 6L, hexagon


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	hexagon / E6,35	29,3	42,5	53	S14

For clockwise and counterclockwise rotation

Use only with switched-off impact function



A01

PRIMA-NIRO, key-type drill chuck made from stainless steel


Item no.	Size	Type	Clamping capacity mm	Mount	Concentricity deviation max. mm	External Ø mm	Length opened mm	Length closed mm	Key size
399782	7	Niro	0,5-7	3/8"-24	0,2	23,7	34	42,5	S1

Special type for medical-, laboratory- and food-technology

PRIMA

A01

PRIMA with SDS plus mounting shank



Item no.	Clamping capacity mm	Mount	External Ø mm	Length opened without SDS-shank mm	Length closed without SDS-shank mm	Key size
1288568	1,5-13	1/2"-20 / SDS plus	42,9	59	74	S2A

Use only with deactivated hammer function



A01

HBF hammer drill chuck with SDS plus adapter



Item no.	Size	Type	Clamping capacity mm	Mount	External Ø mm	Length opened without SDS-shank mm	Length closed without SDS-shank mm	Key size
600581	13	HBF	2,5-13	SDS plus	42,9	68	81,5	S2A

With carbide inserts in the clamping jaws

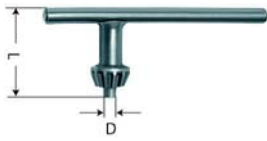
Axial play for transmitting the entire impact onto the drill with switched-on percussion function

For clockwise and counterclockwise rotation



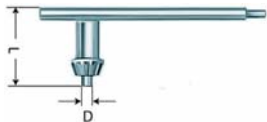
Drill chuck keys BFS

A01

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


Item no.	Size	D mm	L mm	Weight approx. g
026411	S1	4	30	25
205989	S2A	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 approx. g
309380	S2A T	6	42	50
309382	S3 T	8	51	90

A01

Key with **Jacobs-toothing** for key-type drill chucks


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

Accessories

A01

SDS plus adapter for drill chucks with 1/2"-20 mount


Item no.	Size	Mount	L mm	Weight approx. g
1322404	1/2"-20	SDS plus	62	50

The adapter serves as a connection to use a conventional drill chuck on hammers with SDS plus mounting. With deactivated hammer function the usage of cylindrical drill bits is now possible. The scope of delivery includes a safety screw with left-hand thread M6x23.

Assembly instruction:

Assemble the SDS adapter to the chuck with 50 Nm.

Fix the safety-screw with approx. 3-5 Nm.

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	Drill chuck taper	L mm	A mm	C mm	E mm	G mm	H mm	Weight approx. 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 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
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 design 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 design DIN 2187 completely hardened, ground internal and external



Item no.	External taper MT	Internal taper MT	D mm	L1 mm	L2 mm	Weight approx. 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 design 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