21110 - 21111 Three-jaw drill chuck

DIN 6349

RÖHM

Design
Type Prima
- With **toothed ring** and key
- Hardened jaws and key hole

21110
Design
- Heavy-duty industrial design
- With tapered mount in accordance with DIN 238

Applications
For clockwise/anti-clockwise rotation.
For stationary and hand-held drilling machines.

21111
Design
- Industrial design

Applications
For clockwise/anti-clockwise rotation.
Mainly used for hand-guided drilling machines.

21110 - 21111

Clamping width mm	Inner taper DIN 238	Outer Ø mm	Key size	21110	...	21111	...
0.5–4.0	B 10	24.0	S 1		101		
0.5–6.5	B 12	29.5	S 1		103		
0.5–6.5	B 10	29.5	S 1				103
0.5–8.0	B 10	29.5	S 1				104
0.5–8.0	B 12	29.5	S 1				105
0.8–10.0	B 12	34.5	S 2A				106

Clamping width mm	Inner taper DIN 238	Outer Ø mm	Key size	21110	...	21111	...
1.0–10.0	B 16	42.8	S 2A		109		
1.5–13.0	B 12	42.8	S 2A				107
1.5–13.0	B 16	42.8	S 2A				111
1.0–16.0	B 18	56.5	S 3		113		
3.0–16.0	B 16	50.0	S 3				112
5.0–20.0	B 22	65.0	S 4		114		

21112 - 21113 Three-jaw drill chuck

DIN 6349

RÖHM

Design
With toothed ring and key, jaws and key hole hardened.

21112
Type Prima
Design
Industrial version with threaded mounting hole.
Applications
For hand-guided, clockwise rotating, hand-held drills and hammer drills.

Note:
21112 107, 21112 109 and 21112 111 for clockwise/anti-clockwise rotation (through hole).

21113
Type Prima-Mat
Design
Industrial version with threaded mounting hole and **eccentric clamping force retention.**
Applications
For hammer drills with higher stroke rates.

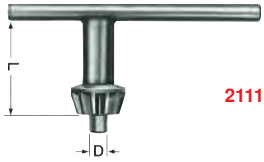
21112 - 21113

Clamping width mm	Thread-mount	Outside Ø mm	Key size	21112	...	21113	...
0.5–8.0	3/8 inch x 24	29.5	S 1		104		
0.8–10.0	3/8 inch x 24	34.5	S 2A		107		
0.8–10.0	1/2 inch x 20	34.5	S 2A		109		

Clamping width mm	Thread-mount	Outside Ø mm	Key size	21112	...	21113	...
1.5–13.0	1/2 inch x 20	42.8	S 2A		111		
3.0–16.0	5/8 inch x 16	50.0	S 3				102
3.0–16.0	M 18 x 2.5	50.0	S 3T				103

21115 Spare key

Applications
For drill chucks with toothed rings.



21115

21115 204

Size	D mm	L mm	21115	...
S 1	4	30		201
S 2A	6	41		202
S 2AT	6	42		204

Size	D mm	L mm	21115	...
S 3	8	50		206
S 3T	8	51		207
S 4	9	55		208

21118 Precision drill chuck with clamping force booster

Design
- Special construction for highest torques (clamping forces)
- Strict quality control **guarantees a high degree of concentricity of 0.05 mm**
- Retention force is doubled by clamping force booster

Applications
Ideal for machining centres, NC machines and CNC machines. **For clockwise/anti-clockwise rotation.**

21118

Clamping range mm	Inner taper DIN 238	Outer Ø mm	Torque kp/cm	21118	...
0–13	B 16	51.5	400		101

Drill chuck

21120 Quick-action drill chuck

Design
- Industrial design
- Self-clamping, keyless
- Clamp and release by hand
- **Only for clockwise rotation**

21120

Clamping range mm	Inner taper DIN 238	Outer Ø mm	Length mm	21120	...
1–10	B 12	36.1	76.2		**103**
1–16	B 16	50.9	114.4		**105**
1–16	B 18	51.0	114.8		**107**

21121 - 21123 Quick-action drill chuck

RÖHM

Type Supra
Design
- Self-clamping, keyless
- Clamp and release by hand, chuck clamps automatically during drilling
- Only for clockwise rotation

21121
Design
- Heavy-duty industrial design
- With tapered mount in accordance with DIN 238

Applications
For stationary drills.

Note:
B18 V shortened by 7 mm.

21122
Design
- Light-duty industrial design
- With tapered mount in accordance with DIN 238

Applications
Mainly used for hand-guided drilling machines.

Note:
B16 V shortened by 2.5 mm.

21123
Design
- Standard version
- Threaded mount

Applications
For hand-guided drills.

21121

Clamping range mm	Inner taper DIN 238	Threaded mount	Outer Ø mm	Length mm	21121	...	21122	...	21123	...
0–6.5	B 10	-	32.0	65.6		**102**				
0–6.5	B 12	-	32.0	65.6		**103**				
0–8.0	B 12	-	35.8	73.4				**104**		
0–10.0	B 12	-	40.2	86.1		**105**				
0–10.0	B 16	-	40.2	89.1		**106**				
0.5–10.0	-	1/2 inch x 20	35.8	73.7						**306**
0.5–10.0	-	3/8 inch x 24	35.8	73.7						**307**
1.0–13.0	-	1/2 inch x 20	46.0	101.5						**308**
1.0–13.0	B 16	-	46.0	101.5		**107**				
1.0–13.0	B 16 V	-	40.2	82.3				**108**		
3.0–16.0	B 16 V	-	46.0	106.0				**109**		
3.0–16.0	B 18 V	-	51.0	106.8		**111**				
3.0–16.0	-	5/8 inch x 16	46.0	97.5						**313**

21125 Quick-action drill chuck

RÖHM

Type Supra SK
Design
- Self-clamping, keyless
- Automatic clamping during drilling proportionate to cutting force
- Clamping force therefore retained even during heavy-duty tasks
- Clamping force retention

Applications
For clockwise/anti-clockwise rotation.

Note:
B16 V shortened by 2.5 mm.

21125

Clamping range mm	Inner taper DIN 238	Threaded mount	Outer Ø mm	Length mm	21125	...
0.5–10	B 12	-	40.0	75.7		**301**
0.5–10	-	1/2 inch x 20	40.0	73.7		**302**
1.0–13	-	1/2 inch x 20	42.8	83.3		**303**
1.0–13	B 16 V	-	42.8	89.3		**304**

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

21126 Quick-action drill chuck

Type Spiro
Design
- High-accuracy design
- Self-clamping, keyless
- Pointed sleeve
- High concentricity
- Hardened wear parts

Applications
The constant automatic reclamping makes it ideal for high-rotation-speed applications on drills, drilling machines and special drilling units.

Note:
B18 V shortened by 7 mm.

21126 101

Clamping range mm	Inner taper DIN 238	Outer Ø mm	Length mm	21126	...
0–4.0	B 10	28	53.3		**101**
0–6.5	B 10	35	68.6		**102**
0–6.5	B 12	35	68.6		**103**
0–10.0	B 12	43	90.1		**105**
0–10.0	B 16	43	90.1		**106**
1–13.0	B 16	50	102.5		**108**
3–16.0	B 16	55	106.8		**109**
3–16.0	B 18 V	55	106.8		**110**

21128 Keyless drill chuck (plastic version)

Type Extra RV
Design
- Radial locking, through-hole
- With retaining ring, sufficiently robust for impact drills
- Clamping range 1.5-13 mm
- Clamping jaws with cemented-carbide chucking bevel
- Power transmission with fine thread
- **Plastic clamping sleeve**
- Steel holder, good concentricity
- Hexagonal, for mounting and dismounting on the machine spindle

Applications
For clockwise/anti-clockwise rotation.
For cordless drills, screwdrivers and electric drills.

21128

Clamping range mm	Threaded mount	Outer Ø mm	Max. machine power watts	21128	...
1.0–10	3/8 inch x 24	42.7	550		**101**
1.0–10	1/2 inch x 20	42.7	550		**102**
1.5–13	3/8 inch x 24	42.7	1000		**103**
1.5–13	1/2 inch x 20	42.7	1000		**104**

21130 Keyless drill chuck (metal version)

Type Extra RV
Design
- With radial lock
- **Metal clamping sleeve**
- With collision protection, hexagonal for mounting and dismounting on the machine spindle

Applications
For clockwise/anti-clockwise rotation. For cordless drills, screwdrivers and electric drills.

21130 101-102
Design
- Through-hole

21130 103
Design
- Through-hole
- Clamping jaws with cemented-carbide chucking bevel

21130 101

21130 103

Clamping range mm	Threaded mount	Outer Ø mm	Max. machine power watts	21130	...
1.0–10	3/8 inch x 24	42.7	550		**101**
1.0–10	1/2 inch x 20	42.7	550		**102**
1.5–13	1/2 inch x 20	42.7	1100		**103**

21151 - 21152 High-performance three-jaw drill chucks SBF

ALBRECHT
Präzisions Spannfutter

Design
- Clamp and release by hand without key, chuck clamps automatically during drilling
- **Only for clockwise rotation**
- All wear parts are case-hardened, ground and replaceable
- 100% concentricity check using different plug gauge diameters at various measuring points, based on DIN ISO 10888

21151
Design
Type SBF super drill chuck, standard version.

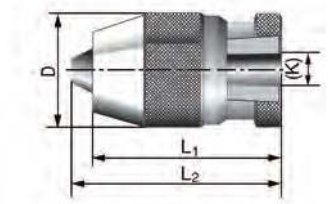
Note:
B 18 = inner taper shortened by 7 mm.

21151 201
Design
With vernier scale for presetting.

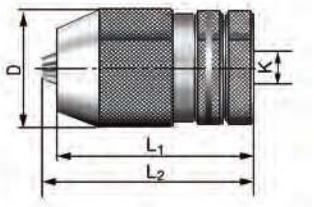
21152
Design
Type NCBF special version with clamping force retention.
Applications
For quick-braking working spindles on **NC machines, CNC machines** etc.

Note:
B 18 = inner taper shortened by 7 mm.

21151

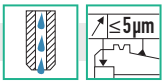


21152



Clamping range mm	Inner taper DIN ISO 239 B	D mm	L_1 mm	L_2 mm	21151	...	21152	...
0–1.5	B 6	19	35.0	37.5		201		
0–3.0	B 10	24	44.0	47.5		202		
0–6.5	B 10	34	61.5	68.0		205		
0–6.5	B 12	34	61.5	68.0		206		
0–10.0	B 12	43	80.0	91.0		208		
0–10.0	B 16	43	80.0	91.0		209		
1–13.0	B 16	50	90.5	103.0		210		102
3–16.0	B 16	56	95.5	109.0		211		
3–16.0	B 18	56	95.5	109.0		212		104

21156 - 21157 Micro/Mini universal drilling and milling chuck

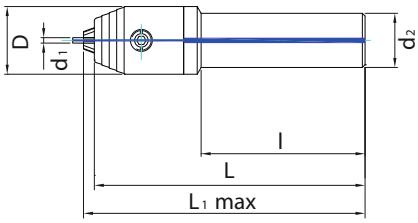


ATORN®

Design
- Cylindrical extension in 2 sizes
- Can be balanced for rotation speeds up to 60,000 rpm
- High retention forces
- High concentricity

Advantages:
- Low interference contour
- Safe and easy to use

Applications
For milling and drilling in the area of precision engineering and the electrical industry, the watch industry, medical technology etc.



Micro universal

21156

Shank d2 mm	L mm	L_1 max. mm	Clamping range mm	D mm	l mm	21156	...
16	80	83	0.2–3.4	19	50		101
16	100	103	0.2–3.4	19	70		102
16	160	163	0.2–3.4	19	130		103
20	80	83	0.2–3.4	19	52		104
20	100	103	0.2–3.4	19	72		105
20	160	163	0.2–3.4	19	132		106

21157

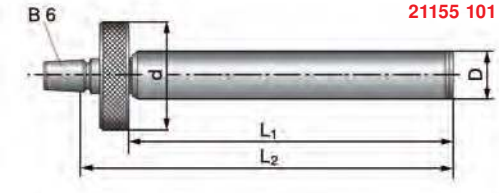
Mini universal

Shank d2 mm	L mm	L_1 max. mm	Clamping range mm	D mm	l mm	21157	...
16	100	104	0.2–6.4	25	60		101
16	150	154	0.2–6.4	25	110		102
16	200	204	0.2–6.4	25	160		103
20	100	104	0.2–6.4	25	60		104
20	150	154	0.2–6.4	25	110		105
20	200	204	0.2–6.4	25	160		106

21155 Precision drilling aids

ALBRECHT
Präzisions Spannfutter

Design
- With B 6 mounting spigot for drill chuck art. no. 21151 201
- Precision drilling aid without drill chuck, drilling depth 20 mm
- A spring balance returns the drill chuck to the starting position



21155 101

Applications
For precision drilling of tiny holes by hand, even on large machines.

21155 102

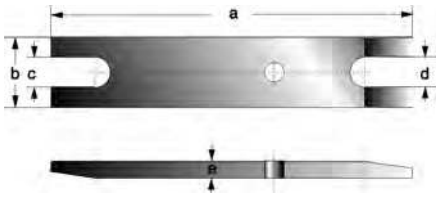
Shank	Ø D mm	Ø d mm	L_1 mm	L_2 mm	21155 ...
13 mm diameter	13	30	66	80	101
MK 1	12	30	82	96	102

21160 Release forks

ALBRECHT
Präzisions Spannfutter

Applications
For easy removal of chucks from the drill chuck mount. Prevents damage to the drilling spindle and the drill chuck.

21160



For B tapers	a mm	b mm	c mm	d mm	e mm	21160 ...
B 6	120	20	7.0	-	8	101
B 10. B 12	170	30	11.0	13.0	10	102
B 16, B 18	210	40	16.7	18.7	12	103

21170 Plug-in pins

Design
With mounting taper in accordance with DIN 238 for mounting drill chucks. Hardened and ground.

21170

MK/drill chucks taper	21170 ...
1/B 10	201
1/B 12	202
1/B 16	203
2/B 10	210
2/B 12	211
2/B 16	212
2/B 18	213

MK/drill chucks taper	21170 ...
3/B 12	220
3/B 16	221
3/B 18	222
3/B 22	223
4/B 16	231
4/B 18	232
5/B 18	242

21177 Plug-in pins

Design
Mounting taper in accordance with DIN ISO 239 B, with **straight shank.** Precision guide with a concentricity less than or equal to 2 µm.

21177

Mounting taper	Ø x length mm	21177 ...
B 12	10 x 50	101
B 16	12 x 60	102
B 16	16 x 50	103
B 18	16 x 70	104