

KRF - actuation by turning the clamping ring



APPLICATION
3- and 4-jaw chuck for positioning and conveying workpieces, e.g. on measuring machines.

TYPE
Lever scroll chuck in cast iron version.
3-jaw and 4-jaw version.

- CUSTOMER BENEFITS**
- Easy clamping of the workpiece by turning the clamping ring
 - Sizes 125 - 200: incl. 4 setscrews for fine adjustment
 - Cast iron body
 - Jaws in chuck ground out for concentricity

TECHNICAL FEATURES

- 6 jaw chuck for grinding twist drills on request available



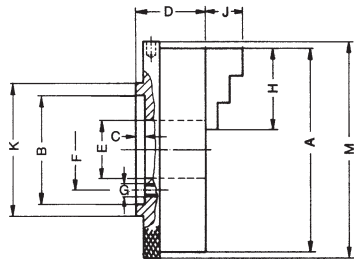
A09
Lever scroll chuck KRF, cylindrical centre mount

Size	ZA	Through-hole mm	3-jaw chuck with inside and outside jaw	4-jaw chuck with inside and outside jaw	Torque Nm	Total clamping force kN
70	48	16	148793 ¹⁾	148794	12	2,5
110	75	26	148757	148772	26	3,2
125	70	35	150757	150758	36	3,5
160	78,5	52	150759	150760	50	4
200	115	64	150761	150762	60	4,5

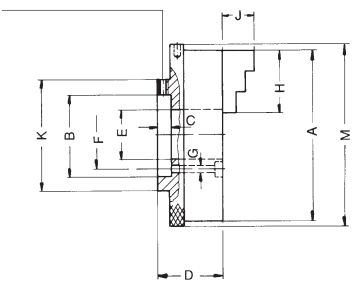
¹⁾ Jaws reversible
Sizes 125 - 200: 4 setscrews for fine adjustment
Further sizes and mountings available on request

Dimensions KRF, cylindrical centre mount

	A	B ^{H6}	C	D	F	3-jaws G	4-jaws G	H	J	K	M	Clamping range external	Clamping range internal	Weight ca. kg 3-jaws	4-jaws
70	48	1,5	33	39	39	3xM6	3xM6	32	13,6	52	72	2-70	23-70	1	1,4
110	75	2	38	62	62	3xM8	3xM8	48	19	85	112	3-110	33-104	3	3,4
125	70	8	53	56	56	3xØ6,6	4xØ6,6	52	22,5	83	129	3-125	37-123	4	4,5
160	78,5	8	52	65	65	3xØ6,6	4xØ6,6	61	26,6	96	164	3-160	39-152	7	7,5
200	115	13	66	84	84	3xØ9	4xØ9	69	31	147	205	4-200	44-186	13	14



Size 70-100
4 setscrews for fine adjustment



KRF - on base plate



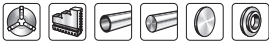
APPLICATION
3-jaw chuck with base plate for positioning and conveying workpieces, e.g. on measuring machines.

TYPE
Lever scroll chuck in cast iron version.

- CUSTOMER BENEFITS**
- Easy clamping of the workpiece by turning the clamping ring
 - Sizes 125 - 200: incl. 4 setscrews for fine adjustment
 - Cast iron body

TECHNICAL FEATURES

- Mounted in the chuck with one set of jaws stepped outward (BB)
- One set of jaws stepped inward (DB)
- Size 70 with reversible jaws
- Mounting screws



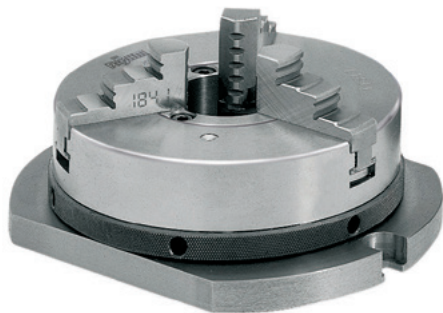
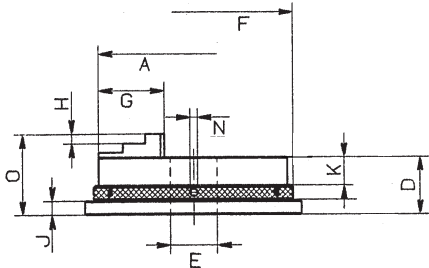
A09
Lever scroll chucks with base plate, 3-jaw-chuck cast iron body

Item no.	Size	Through-hole mm	D mm	Torque Nm	Total clamping force kN
150595 ¹⁾	70	16	46,4	12	2,5
150596	110	26	50	26	3,2
150597	125	35	59	36	3,5
150598	160	52	59	50	4
150599	200	64	69	60	4,5

¹⁾ Jaws reversible
Further sizes and mountings available on request

Dimensions KRF, cylindrical centre mount

Size	A ₁	B	C	F	G	H	J	K	M	N	O	Clamping range external	Clamping range internal
70	100	70	87	72	32	5	13	21	9	6	60	2-70	23-70
110	140	110	126	112	48	6	13	23	9	8	67,5	3-110	33-104
125	170	125	154	129	52	8	14	32	11	8	81,5	3-125	37-123
160	200	160	184	164	61	10	15	31	11	8	85	3-160	39-152
200	250	200	230	205	69	10	15	39	11	8	100	4-200	44-186



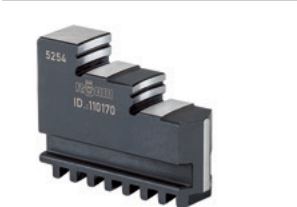
Jaws KRF

A09
Inside jaw BB, DIN 6350, outward stepped jaw, hardened

	Chuck Size	3-jaw set	4-jaw set	Jaw length mm	Jaw height mm	Jaw width mm
	70	110154 ¹⁾	149305	32	23	10
	110	110156	110064	48	33,5	14
	125	110157	110065	52	41,5	18
	160	110159	110067	61	47,5	18
	200	110160	110068	69	53,5	20

¹⁾ Reversible for use a turning or inside jaw
Additionally or later applied, hardened stepped jaws must be ground out in the chuck.
For jaws which are applied later, send in the chuck.

A09
Outside jaw DB, DIN 6350, inward stepped jaw, hardened

	Chuck Size	3-jaw set	4-jaw set	Jaw length mm	Jaw height mm	Jaw width mm
	70/110	110166	110074	48	33,5	14
	125	110167	110075	52	41,5	18
	160	110169	110077	61	47,5	18
	200	110170	110078	69	53,5	20

Additionally or later applied, hardened stepped jaws must be ground out in the chuck.
For jaws which are applied later, send in the chuck.

A09
Unstepped jaw BL, DIN 6350, unstepped, soft, material 16MnCr5

	Chuck Size	3-jaw set	4-jaw set	Jaw length mm	Jaw height mm	Jaw width mm
	70	109114 ¹⁾	149304 ¹⁾	32	23	10
	110	107589	107599	48	33,5	14
	125	107590	107600	52	41,5	18
	160	107592	107602	61	47,5	18
	200	107593	107603	69	53,5	20

¹⁾ Reversible

Accessories KRF

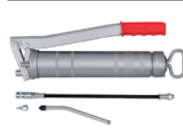
A09 Chip guard, piece

	Item no.	Size	Contents of delivery
	108501	100/110	piece
	108502	125	piece
	108503	140/160	piece
	108504	200	piece

A09 Special grease F80 for lathe chucks
For lubrication and conservation of chucking power

	Item no.	Design	Contents
	308555	Cartridge (DIN 1284) Ø 53.5x235mm	0,5 kg
	028975	Tin	1 kg

C15 Grease gun DIN1283

	Item no.	Connec- tion	Contents of delivery
	329093	M10x1	150 mm nozzle tube bent, needlepoint mouthpiece, top mouthpiece, 300 mm high pressure hose with 4 jaw hydraulics cross mouthpiece

Notes