

# KRF - on base plate



## APPLICATION

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

## TYPE

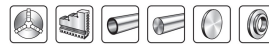
Lever scroll chuck in cast iron version.

## CUSTOMER BENEFITS

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

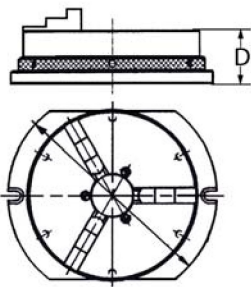
## TECHNICAL FEATURES

- 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



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

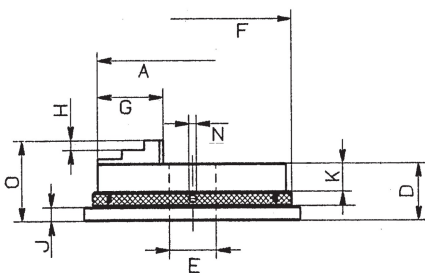


Item no.	Size	Through-hole mm	D mm	Torque Nm	Total clamping force kN
150595 <sup>1)</sup>	70	16	46,4	12	2,5
150596	110	26	50	26	3,2
150597▲	125	35	59	36	3,5
150598▲	160	52	59	50	4
150599	200	64	69	60	4,5

<sup>1)</sup> Jaws reversible  
Further sizes and mountings available on request

Dimensions KRF, cylindrical centre mount

Size	A <sub>1</sub>	B	C	F	G	H	J	K	M	N	O	Clamping range kN	
												external	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

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**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 <sup>1)</sup> ▲	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

<sup>1)</sup> Reversible for use as 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.

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**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.

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**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 <sup>1)</sup> ▲	149304 ▲ <sup>1)</sup>	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

<sup>1)</sup> 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.	Connection	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