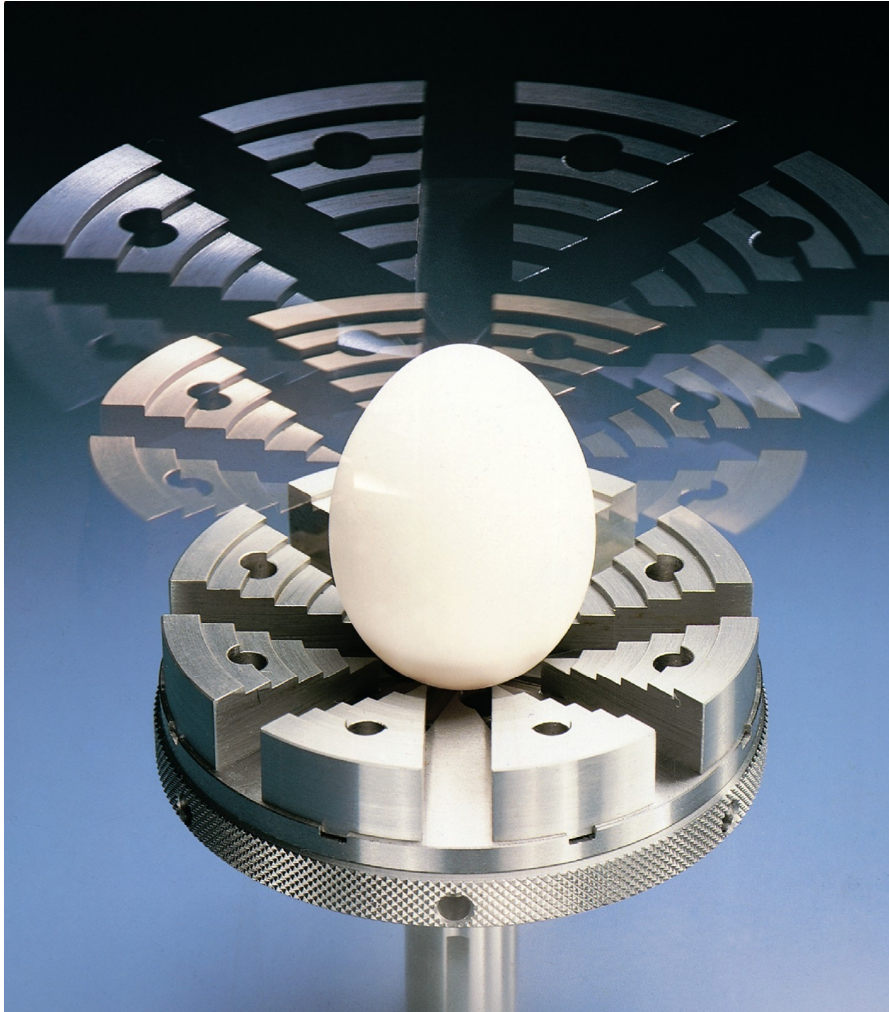


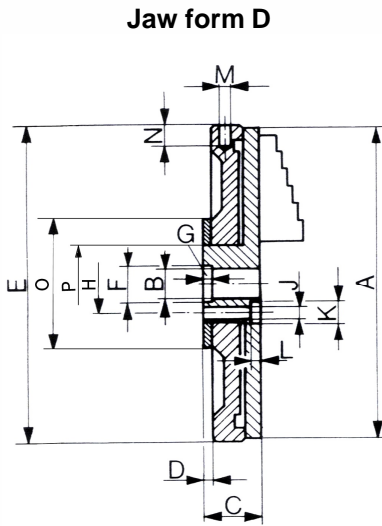
Multi-jaw special scroll chuck type JF



- Jaw form D hardened and ground
3 - 6 - and 8 – jaw chuck 100/20
- Jaw form A and B soft
6 and 8 – jaw chuck 100/30
- Jaw form C, W and DW soft
6 and 8 – jaw chuck 100/40
- Small – faceplate JF 4 E 100/50
- Spare jaws 100/60
- Shanks 100/70

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Multi-jaw special scroll chuck type JF



JF Ø	55	70	85	100	150
A	55	70	85	100	150
B H7	8	8	10	10	16
C	13.8	15.7	16.5	18.2	21.2
D	2.8	3.2	3.2	3.2	4.2
E	57	72	87	102	152
F 0/+ 0.010	10	11	12	12	20
G	2.5	2.5	3.0	3.0	3.8
H	14.5	17.0	18.8	18.8	28.0
J	3 x 3,1	3 x 3,6	3 x 4,1	3 x 4,1	4 x 5,1
K	5,2	5,2	6,1	7,2	9
L	3,6	4,8	5,5	6	6,2
M	-	-	-	5	5
N	-	-	-	7	7
O	32	37	42	42	50
P	20	22	25	25	35
Travel Ø	13	22	32	36	48
Weight in kg	0.3	0,5	0,9	1,1	2,8

D-Jaws case-hardened for the internal and external clamping

JF Ø		55	70	85	100	150
max.	V	15.5	23	29	34.5	47
	W	62	71	85	99.5	141
	X	50	64	46	96	140
min.	V	1	1	1.5	1.5	1.5
	Y	25	38	50	59	90
min.	Z	12	23	27	27	52
	c	22	25	33	38.5	59.5
Jaw dimensions	d	9.1	10.4	13	13.2	18
	e	8	10	12	12	18

	JF 3D 55 193516.00		JF 6D 55 193515.00		JF 8D 150 195035.00
	JF 3D 70 193536.00		JF 6D 70 193535.03		
			JF 6D 85 193555.00		
			JF 6D 100 193571.03		

Specifications:

Application field: please read above
 Construction features: please read above
 Surface chemically nickel-plated
 Base jaws nitrided
 Concentricity repetitive accuracy 0.025mm
 Lateral runout 0.010mm

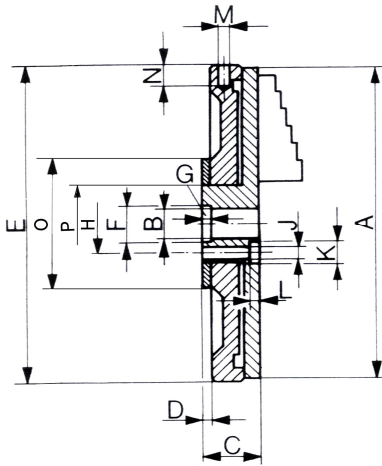
Accessories:

Additional jaws: please see page 101/10
 Assembly mandrel: please see page 101/20
 Torque
 Special jaws on customer request

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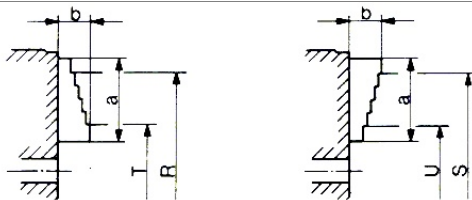
Multi-jaw special scroll chuck type JF

Jaw form A / B



JF Ø	55	70	85	100	125	150
A	55	70	85	100	125	150
B H7	8	8	10	10	16	16
C	13.8	15.7	16.5	18.2	21.2	21.2
D	2.8	3.2	3.2	3.2	4.2	4.2
E	57	72	87	102	127	152
F 0/+ 0.010	10	11	12	12	20	20
G	2.5	2.5	3.0	3.0	3.8	3.8
H	14.5	17.0	18.8	18.8	28.0	28.0
J	3 x 3,1	3 x 3,6	3 x 4,1	3 x 4,1	4 x 5,1	4 x 5,1
K	5.2	5.2	6.1	7.2	9	9
L	3.6	4.8	5.5	6	6.2	6.2
M	-	-	-	5	5	5
N	-	-	-	7	7	7
O	32	37	42	42	50	50
P	20	22	25	25	35	35
Travel Ø	13	22	32	36		48
Weight in kg	0.3	0,5	0,9	1,1	2,1	2,8

Segmental jaws A or B for the internal or external clamping



JF Ø		55	70	85	100	125	150
min.	T	10	12	17	16	19	26
	U	10	12	17	16	15	22
max.	R	48	62	78	90	134	150
	S	48	62	78	90	134	150
Jaw dimensions	a	22	25	30	35	55	60
	b	9.1	9,1	14	13,7	18,4	18,4

A Step jaws



JF6A55	193512.00
JF6A70	193532.00
JF6A85	193552.00
JF6A100	193568.00
JF8A125	193584.00
JF8A150	193593.00

B Step jaws



JF6B55	193513.00
JF6B70	193533.00
JF6B85	193553.00
JF6B100	193569.00
JF8B125	193585.00
JF8B150	193594.00

Specifications:

Application field: please read above
 Construction features: please read above
 Surface chemically nickel-plated
 Base jaws nitrided
 Concentricity repetitive accuracy 0.020
 Lateral runout 0.010

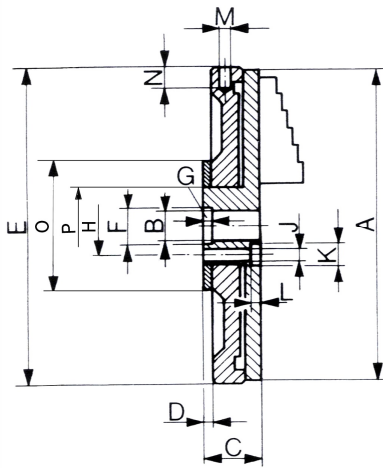
Accessories:

Additional jaws: please see page 101/10
 Assembly mandrel: please see page 101/20
 Torque
 Special jaws on customer request

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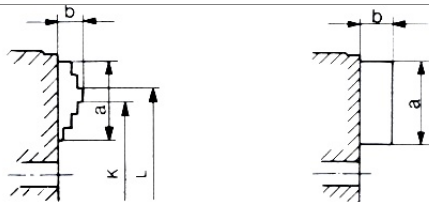
Multi-jaw special scroll chuck type JF

Jaw form C / W



JF Ø	55	70	85	100	125	150
A	55	70	85	100	125	150
B H7	8	8	10	10	16	16
C	13.8	15.7	16.5	18.2	21.2	21.2
D	2.8	3.2	3.2	3.2	4.2	4.2
E	57	72	87	102	127	152
F 0/+ 0.010	10	11	12	12	20	20
G	2.5	2.5	3.0	3.0	3.8	3.8
H	14.5	17.0	18.8	18.8	28.0	28.0
J	3 x 3,1	3 x 3,6	3 x 4,1	3 x 4,1	4 x 5,1	4 x 5,1
K	5,2	5,2	6,1	7,2	9	9
L	3,6	4,8	5,5	6	6,2	6,2
M	-	-	-	5	5	5
N	-	-	-	7	7	7
O	32	37	42	42	50	50
P	20	22	25	25	35	35
Travel Ø	13	22	32	36		48
Weicht in kg	0.3	0,5	0,9	1,1	2,1	2,8

Segmental jaws C or W for the internal and external clamping



JF Ø		55	70	85	100	125	150
max.	K	44	51	67	79	102	123
min.	L	35	43	48	58	82	104
Jaw dimensions	a	22	25	30	35	55	60
	b	9.1	9,1	14	13,7	18,4	18,4

C	Step jaws	W	Soft plain jaws	D	Soft plain jaws
	JF6C55 194400.00		JF6W55 193514.00		Jaw dimensions JF6DW55 22xbx8 JF6DW70 26xbx10 JF6DW85 33xbx12 JF6DW100 38.5xbx12 JF6DW150 59.5xbx18
	JF6C70 194403.00		JF6W70 193534.00		
	JF6C85 194407.00		JF6W85 193554.00		
	JF6C100 194411.00		JF6W100 193570.00		
	JF6C125 194417.00		JF6W125 193586.00		
	JF6C150 194418.00		JF6W150 193595.00		

Specifications:

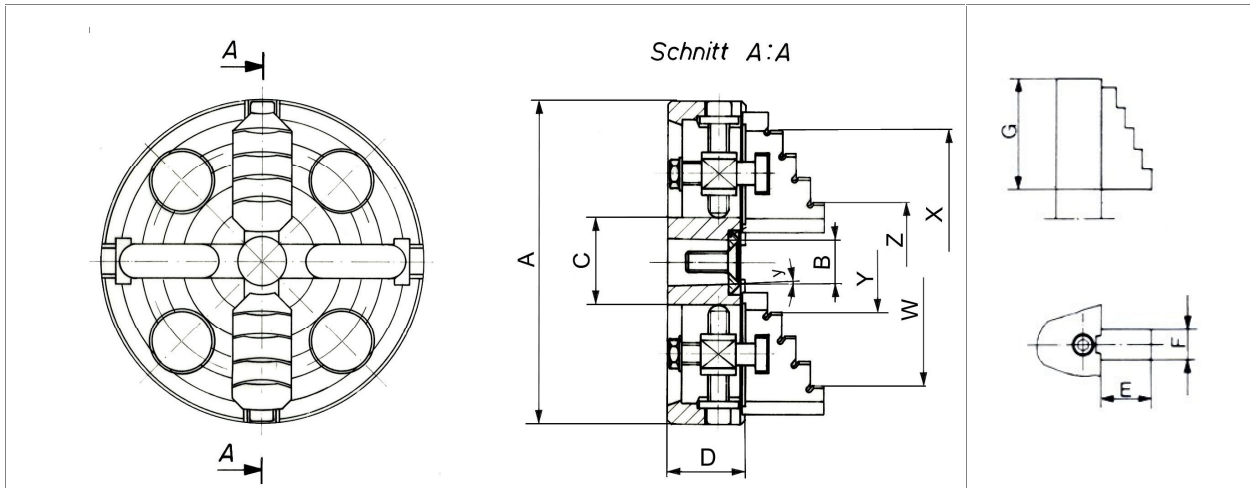
Application field: please read above
 Construction features: please read above
 Surface chemically nickel-plated
 Base jaws nitrided
 Concentricity repetitive accuracy 0.020
 Lateral runout 0.010

Accessories:

Additional jaws: please see page 101/10
 Assembly mandrel: please see page 101/20
 Torque
 Special jaws on customer request

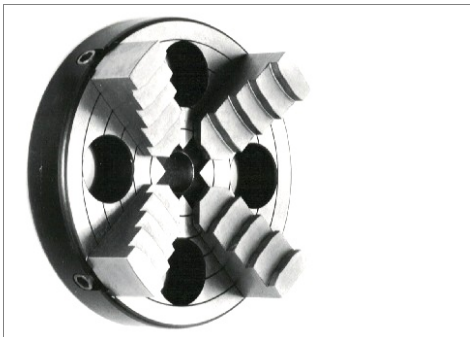
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Small faceplate type JF 4 E



Faceplate dimensions table

4E	Dimensions									Chucking capacity			
	A	B	C	D	E	F	G	?	Kg	max.		min.	
										W	X	Y	Z
70	70	9.13	18	13	14	12	27	1°30'	0.3	62	65	16	20



Faceplate JF 4 E 193435.00
with 4 hard, individually adjustable and reversible jaws

Specifications:


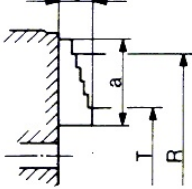
Base jaws and spindle nitrided
Lateral runout 0.010
Cast body black-finished
Hexagon wrench key included

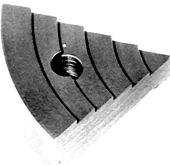
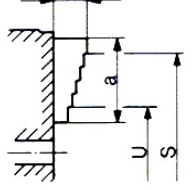
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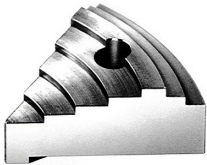
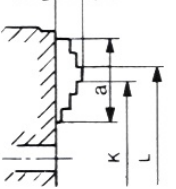
Shank B8 194334.00
Shanks on request

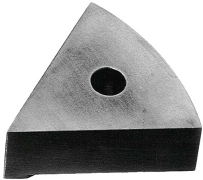
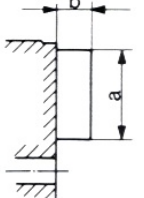
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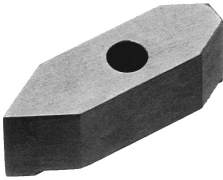
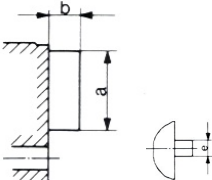
Step jaws for scroll chuck type JF

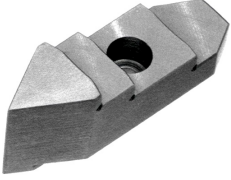
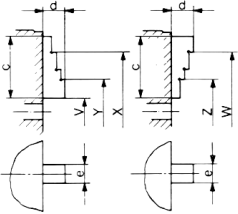
		a	b	min. T	max. R		
		22	9.1	10	48	JF 6A 55	193267.00
		25	9.1	12	62	JF 6A 70	193284.00
		30	14	17	78	JF 6A 85	193301.00
		35	13.7	16	90	JF 6A 100	193313.00
		55	18.4	19	134	JF 8A 125	193332.00
60	18.4	26	150	JF 8A 150	193341.00		

		a	b	min. U	max. S		
		22	9.1	10	48	JF 6B 55	193268.00
		25	9.1	12	62	JF 6B 70	193285.00
		30	14	17	78	JF 6B 85	193302.00
		35	13.7	16	90	JF 6B 100	193314.00
		55	18.4	15	134	JF 8B 125	193333.00
60	18.4	22	150	JF 8B 150	193342.00		

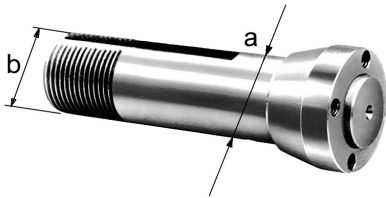
		a	b	min. L	max. K		
		22	9.1	35	44	JF 6C 55	193269.00
		25	9.1	43	51	JF 6C 70	193286.00
		30	14	48	67	JF 6C 85	193303.00
		35	13.7	58	79	JF 6C 100	193315.00
		55	18.4	82	102	JF 8C 125	193334.00
60	18.4	104	123	JF 8C 150	193343.00		

		a	b		
		22	9.1	JF 6W 55	193270.00
		25	9.1	JF 6W 70	193287.00
		30	14	JF 6W 85	193304.00
		35	13.7	JF 6W 100	193316.00
		55	18.4	JF 8W 125	193335.00
60	18.4	JF 8W 150	193344.00		

		a	b	e		
		22	9.1	8	JF 3DW 55	193274.00
		25	10.4	10	JF 3DW 70	193291.00
		22	9.1	8	JF 6DW 55	193272.00
		25	10.4	10	JF 6DW 70	193289.00
		30	14	12	JF 6DW 85	193306.00
35	13.7	12	JF 6DW 100	193318.00		
60	18.4	18	JF 8DW 150	195290.00		

		d	c	e	See page 100 / 10		
		9.1	22	8		JF 3D 55	193273.10
		10.4	25	10		JF 3D 70	193290.10
		9.1	22	8		JF 6D 55	193271.10
		10.4	25	10		JF 6D 70	193288.10
		13	33	12		JF 6D 85	193305.10
		13.2	38.5	12		JF 6D 100	193317.10
		18	59.5	18		JF 8D 150	195246.00

Shanks, Standard types



Shanks	Dimensions		Standard components					
	a	b	JF 55	JF 70	JF 85	JF100	JF 125	JF150
SB 6	6	4,9 x 0,705	194419	194426				
SB 8	8	6,82 x 0,625	193602	193603	193204	193204		
SW 10	10	9,85 x 0,833	194393	194420	194395	194395		
SW 12	12	S 11,75 x 1,25	193231	193232	193233	193233		
SW 20	20	S 19,7 x 1,666	193236	193235	193234	193234	193230	193230
SW 25	25	S 24,7 x 1,693	193237	194421	193239	193239	193240	193240
SB 32	32	S 29,7 x 15 G			194438	194438	193429	193429
SC 5	31,75	31,5 x 20 G	195007	195005	193976	193976	193977	193977
SB 23	23	21 x 1					;	;



		JF 55	JF 70	JF 85	JF100	JF 125	JF150
Tapered pivots	Gr. MK 2	195008	195009	195010	195010		
	Gr. MK 3	194422	194423	194424	194424	194425	194425
	Gr. MK 4	194389	194388	194428	194428	194427	194427
	Gr. MK 5			194429	194429	194430	194430

Other chucks and shanks on request