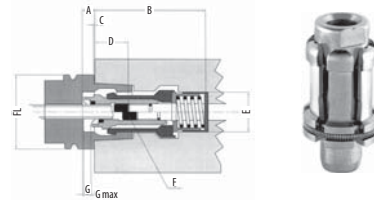


# Petal Collets HSK

Spindle gripper assembly for HSK spindles. It ensures precise clamping and quick release of the tool holder.



page 222



### SPINDLE GRIPPER ASSEMBLY FOR HSK SPINDLE STYLE A, C, E

Part code	Description	FL	A	B	C	D	E	F	G	Connection
AAN00	petal collet for electrospindle	HSK 25	6,5	40	0,5	5,5	14	CH3	7	HSK 25 A-C-E
AAN01	petal collet for electrospindle	HSK 32	8,5	62,5	0,5	19,5	17	CH3	7,5	HSK 32 A-C-E
AAN02	petal collet for electrospindle	HSK 40	8,5	78	0,5	27	21	CH4	8	HSK 40 A-C-E
AAN03	petal collet for electrospindle	HSK 50	10,5	84	0,5	26,5	26	CH4	9	HSK 50 A-C-E
AAN04	petal collet for electrospindle	HSK 63	10,5	94	0,5	31,5	34	CH5	10	HSK 63 A-C-E
AAN05	petal collet for electrospindle	HSK 80	13	98	0,5	31,5	42	CH6	11	HSK 80 A-C-E
AAN06	petal collet for electrospindle	HSK 100	13	124	0,5	34,5	53	CH6	12,5	HSK 100 A-C-E
AAN07	petal collet for electrospindle	HSK 125	16,5	149	0,5	40,5	67	CH14	15,8	HSK 125 A-C-E
AAN08	petal collet for electrospindle	HSK 160	17	188	1	56	85	CH16	24,5	HSK 160 A-C-E

### SPINDLE GRIPPER ASSEMBLY FOR HSK SPINDLE STYLE B, D, F

Part code	Description	FL	A	B	C	D	E	F	G	Connection
AAN00	petal collet for electrospindle	HSK 32	6,5	40	0,5	5,5	14	CH3	7	HSK 32 B-D-F
AAN01	petal collet for electrospindle	HSK 40	8,5	62,5	0,5	19,5	17	CH3	7,5	HSK 40 B-D-F
AAN02	petal collet for electrospindle	HSK 50	8,5	78	0,5	27	21	CH4	8	HSK 50 B-D-F
AAN03	petal collet for electrospindle	HSK 63	10,5	84	0,5	26,5	26	CH4	9	HSK 63 B-D-F
AAN04	petal collet for electrospindle	HSK 80	10,5	94	0,5	31,5	34	CH5	10	HSK 80 B-D-F
AAN05	petal collet for electrospindle	HSK 100	13	98	0,5	31,5	42	CH6	11	HSK 100 B-D-F
AAN06	petal collet for electrospindle	HSK 125	13	124	0,5	34,5	53	CH6	12,5	HSK 125 B-D-F

### SPINDLE GRIPPER ASSEMBLY FOR HSK 85 S AND HSK 85 W

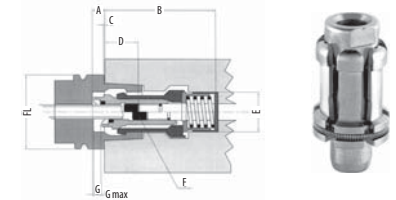
Part code	Description	FL	A	B	C	D	E	F	G	Connection
AAN09	petal collet for electrospindle	HSK 85S/W	10,5	89,5	0,5	31,5	34	CH5	7	HSK 85 S-W

# Reduced Petal Collets HSK for refurbished spindles

Spindle gripper assembly for refurbished HSK spindles. It ensures precise clamping and quick release of the tool holder.



page 222



### 0.3/0.6 MM REDUCED PETAL COLLETS FOR REFURBISHED HSK A, C, E SPINDLES

Part code	Description	Before refurbishing	After refurbishing	Connection
AAN10	reduced petal collets -0,3	18,5	18,2	HSK 25 A-C-E
AAN11	reduced petal collets -0,3	30	29,7	HSK 32 A-C-E
AAN12	reduced petal collets -0,3	44	43,7	HSK 40 A-C-E
AAN13	reduced petal collets -0,3	45	44,7	HSK 50 A-C-E
AAN14	reduced petal collets -0,3	52	51,7	HSK 63 A-C-E
AAN15	reduced petal collets -0,3	56	55,7	HSK 80 A-C-E
AAN16	reduced petal collets -0,3	70	69,7	HSK 100 A-C-E
AAN17	reduced petal collets -0,6	18,5	17,9	HSK 25 A-C-E
AAN18	reduced petal collets -0,6	30	29,4	HSK 32 A-C-E
AAN19	reduced petal collets -0,6	44	43,4	HSK 40 A-C-E
AAN20	reduced petal collets -0,6	45	44,4	HSK 50 A-C-E
AAN21	reduced petal collets -0,6	52	51,4	HSK 63 A-C-E
AAN22	reduced petal collets -0,6	56	55,4	HSK 80 A-C-E
AAN23	reduced petal collets -0,6	70	69,4	HSK 100 A-C-E

### 0.3/0.6 MM REDUCED PETAL COLLETS FOR REFURBISHED HSK B, D, F SPINDLES

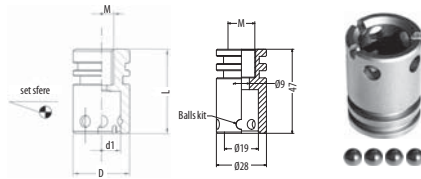
Part code	Description	Before refurbishing	After refurbishing	Connection
AAN10	reduced petal collets -0,3	18,5	18,2	HSK 32 B-D-F
AAN11	reduced petal collets -0,3	30	29,7	HSK 40 B-D-F
AAN12	reduced petal collets -0,3	44	43,7	HSK 50 B-D-F
AAN13	reduced petal collets -0,3	45	44,7	HSK 63 A-C-E
AAN14	reduced petal collets -0,3	52	51,7	HSK 80 B-D-F
AAN15	reduced petal collets -0,3	56	55,7	HSK 100 B-D-F
AAN16	reduced petal collets -0,3	70	69,7	HSK 125 B-D-F
AAN17	reduced petal collets -0,6	18,5	17,9	HSK 32 B-D-F
AAN18	reduced petal collets -0,6	30	29,4	HSK 40 B-D-F
AAN19	reduced petal collets -0,6	44	43,4	HSK 50 B-D-F
AAN20	reduced petal collets -0,6	45	44,4	HSK 63 B-D-F
AAN21	reduced petal collets -0,6	52	51,4	HSK 80 B-D-F
AAN22	reduced petal collets -0,6	56	55,4	HSK 100 B-D-F
AAN23	reduced petal collets -0,6	70	69,4	HSK 125 B-D-F

### 0.3/0.6 MM REDUCED PETAL COLLETS FOR REFURBISHED HSK 85 S AND HSK 85 W SPINDLES

Part code	Description	Before refurbishing	After refurbishing	Connection
AAN24	reduced petal collets -0,3	47,2	46,9	HSK 85 S - HSK 85 W
AAN25	reduced petal collets -0,6	47,2	46,9	HSK 85 S - HSK 85 W

## Ball clamping systems for pull stud with radius SK/BT

Spindle locking system for SK/BT electrospindles hosting pull studs with radius. It ensures firm grip and quick release of the tool holder.



### BALL CLAMPING SYSTEMS FOR PULL STUD WITH RADIUS

Part code	Description	angle/radius	d	Tipo	L	D	Connection
AAK00	ball clamping systems for pull stud with radius SK10	R	6	F.F.	18	10,5	SK 10
AAK01	ball clamping systems for pull stud with radius SK15	R	7	F.F.	25	11	SK 15
AAK02	ball clamping systems for pull stud with radius SK20	R	8	F.F.	30	14	SK 20
AAK03	ball clamping systems for pull stud with radius SK25	R	10	F.F.	40	16	SK 25
AAK04	ball clamping systems for pull stud SK30 DIN69872	15°	13	F.F.	50	18	SK 30
AAK05	ball clamping systems for pull stud with radius SK30 HSD	R	12	F.F.	50	18	SK 30
AAK06	ball clamping systems for pull stud BT30	30°	11	F.M.	55	18	BT 30
AAK07	ball clamping systems for pull stud BT30	45°	11	F.M.	55	18	BT 30
AAK08	ball clamping systems for pull stud SK40 DIN 69872	15°	19	F.F.	45	28	SK 40
AAK09	ball clamping systems for pull stud with radius SK40 HSD	R	19	F.F.	45	28	SK 40
AAK10	ball clamping systems for pull stud with radius SK40 HSD	R	19	F.F.	47	28	SK 40
AAK11	ball clamping systems for pull stud with radius SK40 HSD	R	19	F.F.	60	28	SK 40

### SEALED BALL CLAMPING SYSTEMS FOR PULL STUD WITH RADIUS

Part code	Description	angolo/raggio	d	Tipo	L	D	Connection
AAK12	ball clamping systems for pull stud with radius SK40	R	19	F.F.	117	28	SK 40

### DOUBLE DIAMETER BALL CLAMPING SYSTEMS FOR PULL STUD WITH RADIUS

Part code	Description	angolo/raggio	d	Tipo	L	D	D2	Connection
AAK13	double diameter ball clamping systems for pull stud with radius for SK40	R	19	F.F.	45	28	18	SK 40

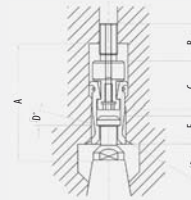
## Petal Collets SK/BT/CAT

Spindle gripper assembly for SK/BT/CAT electrospindles. It ensures a tight clamping and a quick release for the toolholder.



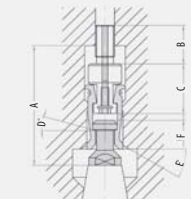
### PETAL COLLET FOR SSK DIN69872/B TOOL HOLDERS

Part code	Description	A	B	C	D	E	F	Connection
AAP00	petal collet SSK20DIN for electrospindles	31	11	12	15°	30°	3	SK 20
AAP01	petal collet SSK25DIN for electrospindles	35	12	13,5	15°	30°	3,5	SK 25



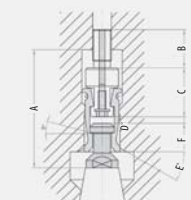
### PETAL COLLET FOR SSKA DIN69872/B TOOL HOLDERS

Part code	Description	A	B	C	D	E	F	Connection
AAP02	petal collet SSKA30DIN for electrospindles	50	20	19,5	15°	30°	2,5	SK 30
AAP03	petal collet SSKA40DIN for electrospindles	76	22	34	15°	30°	3,5	SK 40
AAP04	petal collet SSKA45DIN for electrospindles	84	30	38	15°	30°	3,5	SK 45
AAP05	petal collet SSKA50DIN for electrospindles	95	30	45	15°	30°	3,5	SK 50
AAP06	petal collet SSKA60DIN for electrospindles	115	35	59,5	15°	30°	6,5	SK 60



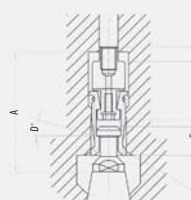
### PETAL COLLET FOR SSKKA DIN69872/B TOOL HOLDERS

Part code	Description	A	B	C	D	E	F	Connection
AAP07	petal collet SSKKA30DIN for electrospindles	50	20	20,5	15°	30°	2,5	SK 30
AAP08	petal collet SSKKA40DIN for electrospindles	76	22	35,5	15°	30°	3,5	SK 40
AAP09	petal collet SSKKA45DIN for electrospindles	84	30	41,5	15°	30°	3,5	SK 45
AAP10	petal collet SSKKA50DIN for electrospindles	95	30	49,5	15°	30°	3,5	SK 50
AAP11	petal collet SSKKA60DIN for electrospindles	115	35	63,5	15°	30°	6,5	SK 60

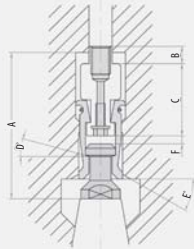


### PETAL COLLET FOR SSKIGA DIN69872/B TOOL HOLDERS

Part code	Description	A	B	C	D	E	F	Connection
AAP12	petal collet SSKIGA40DIN for electrospindles	76	11	34	15°	30°	5	SK 40
AAP13	petal collet SSKIGA45DIN for electrospindles	84	11	38	15°	30°	7	SK 45
AAP14	petal collet SSKIGA50DIN for electrospindles	95	11	45	15°	30°	8	SK 50
AAP15	petal collet SSKIGA60DIN for electrospindles	115	15	59,5	15°	30°	10,5	SK 60

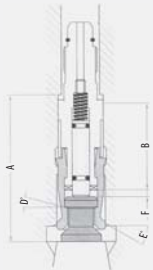


Petal Collets SK/BT/CAT



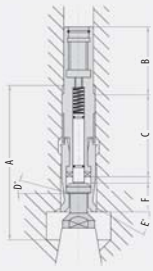
PETAL COLLET SSKIGKA DIN69872/B

Part code	Description	A	B	C	D	E	F	Connection
AAP16	petal collet SSKIGKA40DIN for electrospindles	76	11	35,5	15°	30°	4,5	SK 40
AAP17	petal collet SSKIGKA45DIN for electrospindles	84	11	41,5	15°	30°	4,5	SK 45
AAP18	petal collet SSKIGKA50DIN for electrospindles	95	11	49,5	15°	30°	5	SK 50
AAP19	petal collet SSKIGKA60DIN for electrospindles	115	15	63,5	15°	30°	6,5	SK 60



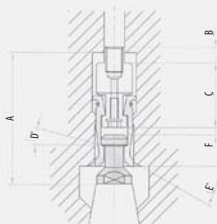
WATER TIGHT PETAL COLLET SSIKKA DIN69872/B

Part code	Description	A	B	D	E	F	Connection
AAP20	water tight petal collet SSIKKA40DIN	85	52	15°	30°	4,5	SK 40
AAP21	water tight petal collet SSIKKA45DIN	100	60	15°	30°	4,5	SK 45
AAP22	water tight petal collet SSIKKA50DIN	114	68	15°	30°	5	SK 50
AAP23	water tight petal collet SSIKKA60DIN	145	90,5	15°	30°	6,5	SK 60



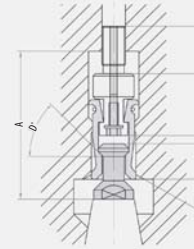
WATER TIGHT PETAL COLLET SSKIGKA DIN69872/B

Codice	Descrizione	A	B	C	D	E	F	Attacco
AAP24	water tight petal collet SSKIGKA40DIN	85	45	52	15°	30°	4	SK 40
AAP25	water tight petal collet SSKIGKA45DIN	100	50	60	15°	30°	7	SK 45
AAP26	water tight petal collet SSKIGKA50DIN	114	50	68	15°	30°	8	SK 50
AAP27	water tight petal collet SSKIGKA60DIN	145	50	90,5	15°	30°	10,5	SK 60



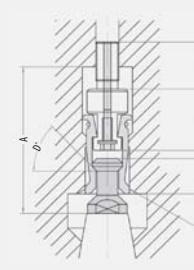
PETAL COLLET SSKIGKAPB DIN69872/B

Codice	Descrizione	A	B	C	D	E	F	Attacco
AAP28	petal collet SSKIGKAPB40DIN for electrospindles	82	11	40,5	15°	30°	4,5	SK 40
AAP29	petal collet SSKIGKAPB45DIN for electrospindles	89	11	46,5	15°	30°	4,5	SK 45
AAP30	petal collet SSKIGKAPB50DIN for electrospindles	90	15	52,5	15°	30°	5	SK 50
AAP31	petal collet SSKIGKAPB60DIN for electrospindles	130	15	78,5	15°	30°	6,5	SK 60



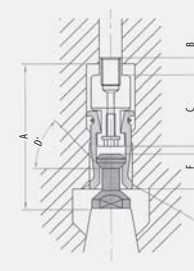
PETAL COLLET SSKA ANSI 7388/2B

Part code	Description	A	B	C	D	E	F	Connection
AAP32	petal collet SSKA30ANSI for electrospindles	50	20	33	45°	30°	2,5	SK 30
AAP33	petal collet SSKA40ANSI for electrospindles	76	22	44,8	45°	30°	4,2	SK 40
AAP34	petal collet SSKA45ANSI for electrospindles	84	30	48	45°	30°	6	SK 45
AAP35	petal collet SSKA50ANSI for electrospindles	95	30	54,5	45°	30°	7	SK 50
AAP36	petal collet SSKA60ANSI for electrospindles	115	35	62	45°	30°	10	SK 60



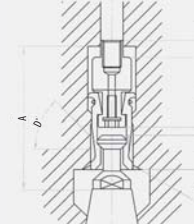
PETAL COLLET SSKKA ANSI 7388/2B

Part code	Description	A	B	C	D	E	F	Connection
AAP37	petal collet SSKKA30ANSI for electrospindles	50	20	-	45°	30°	4,5	SK 30
AAP38	petal collet SSKKA40ANSI for electrospindles	76	22	45,5	45°	30°	7	SK 40
AAP39	petal collet SSKKA45ANSI for electrospindles	84	30	50,5	45°	30°	7	SK 45
AAP40	petal collet SSKKA50ANSI for electrospindles	95	30	58	45°	30°	8	SK 50
AAP41	petal collet SSKKA60ANSI for electrospindles	115	35	65,4	45°	30°	15	SK 60



PETAL COLLET SSKIGA ANSI 7388/2B

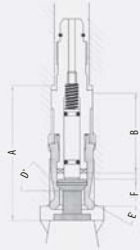
Part code	Description	A	B	C	D	E	F	Connection
AAP42	petal collet SSKIGA40ANSI for electrospindles	76	11	44,7	45°	30°	4,2	SK 40
AAP43	petal collet SSKIGA45ANSI for electrospindles	84	11	48	45°	30°	6	SK 45
AAP44	petal collet SSKIGA50ANSI for electrospindles	95	11	54,5	45°	30°	7	SK 50
AAP45	petal collet SSKIGA60ANSI for electrospindles	115	15	62	45°	30°	10	SK 60



PETAL COLLET SSKIGKA ANSI 7388/2B

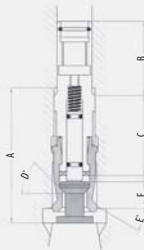
Part code	Description	A	B	C	D	E	F	Connection
AAP46	petal collet SSKIGKA40ANSI for electrospindles	76	11	45,4	45°	30°	4,5	SK 40
AAP47	petal collet SSKIGKA45ANSI for electrospindles	84	11	50	45°	30°	4,5	SK 45
AAP48	petal collet SSKIGKA50ANSI for electrospindles	95	11	58	45°	30°	5	SK 50
AAP49	petal collet SSKIGKA60ANSI for electrospindles	115	15	65,4	45°	30°	6,5	SK 60

Petal Collets SK/BT/CAT



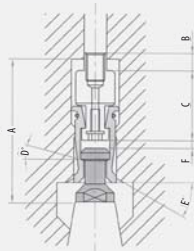
**WATER TIGHT PETAL COLLET SSKIKA ANSI 7388/2B**

Part code	Description	A	B	D	E	F	Connection
AAP50	water tight petal collet SSKIKA40ANSI	85	61,6	45°	30°	4,5	SK 40
AAP51	water tight petal collet SSKIKA45ANSI	100	70	45°	30°	4,5	SK 45
AAP52	water tight petal collet SSKIKA50ANSI	114	77,5	45°	30°	5	SK 50
AAP53	water tight petal collet SSKIKA60ANSI	145	93	45°	30°	6,5	SK 60



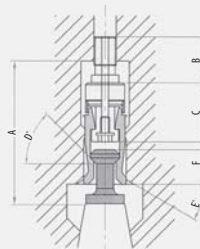
**WATER TIGHT PETAL COLLET SSKIGIKA ANSI 7388/2B**

Part code	Description	A	B	C	D	E	F	Connection
AAP54	petal collet SSKIGIKA40ANSI for electrospindles	85	45	61,6	45°	30°	4	SK 40
AAP55	petal collet SSKIGIKA45ANSI for electrospindles	100	50	70	45°	30°	6	SK 45
AAP56	petal collet SSKIGIKA50ANSI for electrospindles	114	50	77,5	45°	30°	7	SK 50
AAP57	petal collet SSKIGIKA60ANSI for electrospindles	145	50	93	45°	30°	10	SK 60



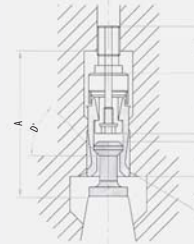
**PETAL COLLET SSKIGKAPB ANSI 7388/2B**

Part code	Description	A	B	C	D	E	F	Connection
AAP58	petal collet SSKIGKAPB40ANSI for electrospindles	82	11	50,5	45°	30°	4,5	SK 40
AAP59	petal collet SSKIGKAPB45ANSI for electrospindles	89	11	55,5	45°	30°	4,5	SK 45
AAP60	petal collet SSKIGKAPB50ANSI for electrospindles	90	15	61	45°	30°	5	SK 50
AAP61	petal collet SSKIGKAPB60ANSI for electrospindles	130	15	82,4	45°	30°	6,5	SK 60



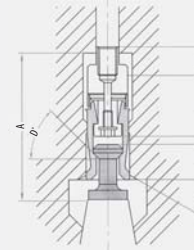
**PETAL COLLET SSKABPT1**

Part code	Description	A	B	C	D	E	F	Connection
AAP62	petal collet SSKA30BPT1 for electrospindles	48,5	20	20,5	45°	30°	3,5	BT 30
AAP63	petal collet SSKA40BPT1 for electrospindles	72	26	30	45°	30°	5	BT 40
AAP64	petal collet SSKA45BPT1 for electrospindles	82	32	33	45°	30°	7	BT 45
AAP65	petal collet SSKA50BPT1 for electrospindles	92,5	35	37	45°	30°	8	BT 50
AAP66	petal collet SSKA60BPT1 for electrospindles	127,5	15	49,5	45°	30°	10,5	BT 60



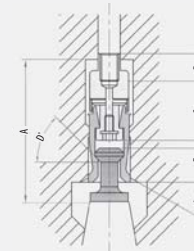
**PETAL COLLET SSKKABPT1**

Part code	Description	A	B	C	D	E	F	Connection
AAP67	petal collet SSKKA30BPT1 for electrospindles	48,5	20	21,5	45°	30°	2,5	BT 30
AAP68	petal collet SSKKA40BPT1 for electrospindles	72	26	31,5	45°	30°	3,5	BT 40
AAP69	petal collet SSKKA45BPT1 for electrospindles	82	32	36,5	45°	30°	3,5	BT 45
AAP70	petal collet SSKKA50BPT1 for electrospindles	92,5	35	41	45°	30°	4	BT 50
AAP71	petal collet SSKKA60BPT1 for electrospindles	127,5	40	55,5	45°	30°	4,5	BT 60



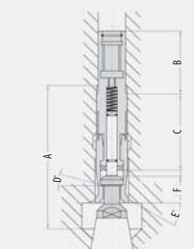
**PETAL COLLET SSKIGABPT1**

Part code	Description	A	B	C	D	E	F	Connection
AAP72	petal collet SSKIGA40BPT1 for electrospindles	72	11	30	45°	30°	5	BT 40
AAP73	petal collet SSKIGA45BPT1 for electrospindles	82	11	33	45°	30°	7	BT 45
AAP74	petal collet SSKIGA50BPT1 for electrospindles	92,5	15	37	45°	30°	8	BT 50
AAP75	petal collet SSKIGA60BPT1 for electrospindles	127,5	15	49,5	45°	30°	10,5	BT 60



**PETAL COLLET SSKIGKABPT1**

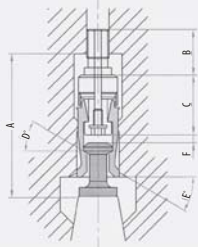
Part code	Description	A	B	C	D	E	F	Connection
AAP76	petal collet SSKIGKA40BPT1 for electrospindles	72	11	31,5	45°	30°	3,5	BT 40
AAP77	petal collet SSKIGKA45BPT1 for electrospindles	82	11	36,5	45°	30°	3,5	BT 45
AAP78	petal collet SSKIGKA50BPT1 for electrospindles	92,5	15	41	45°	30°	4	BT 50
AAP79	petal collet SSKIGKA60BPT1 for electrospindles	127,5	15	55,5	45°	30°	4,5	BT 60



**WATER TIGHT PETAL COLLET SSKIGIKABPT1**

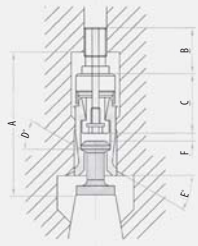
Part code	Description	A	B	C	D	E	F	Connection
AAP80	water tight petal collet SSKIGIKA40BPT1 for electrospindles	85	45	52	45°	30°	4	BT 40
AAP81	water tight petal collet SSKIGIKA40BPT1 for electrospindles	114	50	68	45°	30°	8	BT 50

Petal Collets SK/BT/CAT



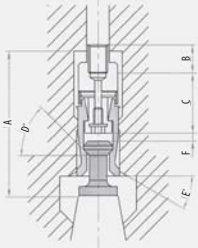
PETAL COLLET SSKABPT2

Part code	Description	A	B	C	D	E	F	Connection
AAp82	petal collet SSKA30BPT2 for electrospindles	48,5	20	20,5	30°	30°	3,5	BT 30
AAp83	petal collet SSKA40BPT2 for electrospindles	72	26	30	30°	30°	5	BT 40
AAp84	petal collet SSKA45BPT2 for electrospindles	82	32	33	30°	30°	7	BT 45
AAp85	petal collet SSKA50BPT2 for electrospindles	92,5	35	37	30°	30°	8	BT 50
AAp86	petal collet SSKA60BPT2 for electrospindles	127,5	40	49,5	30°	30°	10,5	BT 60



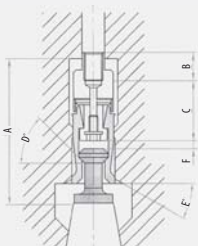
PETAL COLLET SSKKABPT2

Part code	Description	A	B	C	D	E	F	Connection
AAp87	petal collet SSKKA30BPT2 for electrospindles	48,5	20	21,5	30°	30°	2,5	BT 30
AAp88	petal collet SSKKA40BPT2 for electrospindles	72	26	31,5	30°	30°	3,5	BT 40
AAp89	petal collet SSKKA45BPT2 for electrospindles	82	32	36,5	30°	30°	3,5	BT 45
AAp90	petal collet SSKKA50BPT2 for electrospindles	92,5	35	41	30°	30°	4	BT 50
AAp91	petal collet SSKKA60BPT2 for electrospindles	127,5	40	55,5	30°	30°	4,5	BT 60



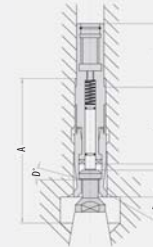
PETAL COLLET SSKIGABPT2

Part code	Description	A	B	C	D	E	F	Connection
AAp92	petal collet SSKIGA40BPT2 for electrospindles	72	11	30	30°	30°	5	BT 40
AAp93	petal collet SSKIGA45BPT2 for electrospindles	82	11	33	30°	30°	7	BT 45
AAp94	petal collet SSKIGA50BPT2 for electrospindles	92,5	15	37	30°	30°	8	BT 50
AAp95	petal collet SSKIGA60BPT2 for electrospindles	127,5	15	49,5	30°	30°	10,5	BT 60



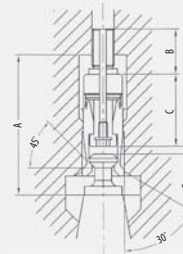
PETAL COLLET SSKIGKABPT2

Part code	Description	A	B	C	D	E	F	Connection
AAp96	petal collet SSKIGKA40BPT2 for electrospindles	72	11	31,5	30°	30°	3,5	BT 40
AAp97	petal collet SSKIGKA45BPT2 for electrospindles	82	11	36,5	30°	30°	3,5	BT 45
AAp98	petal collet SSKIGKA50BPT2 for electrospindles	92,5	15	41	30°	30°	4	BT 50
AAp99	petal collet SSKIGKA60BPT2 for electrospindles	127,5	15	55,5	30°	30°	4,5	BT 60



WATER TIGHT PETAL COLLET SSKIGKABPT2

Part code	Description	A	B	C	D	E	F	Connection
AAQ00	water tight petal collet SSKIGKA40BPT1	85	45	52	30°	30°	4	BT 40
AAQ01	water tight petal collet SSKIGKA50BPT1	114	50	68	30°	30°	8	BT 50



WATER TIGHT PETAL COLLET SSKACAT

Part code	Description	A	B	C	F	Connection
AAQ02	petal collet SSKA30CAT for electrospindles	50	20	33	2,5	CAT 30
AAQ03	petal collet SSKA40CAT for electrospindles	82	26	50	4	CAT 40
AAQ04	petal collet SSKA50CAT for electrospindles	98	35	58	6,5	CAT 50