

Accurate Industries

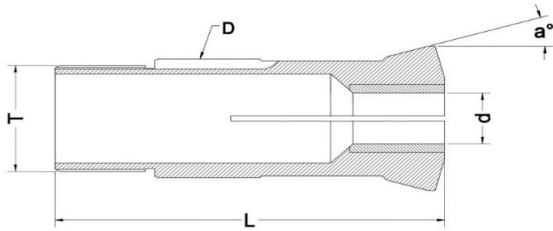


Manufacturer of steel collets and carbide lined guide bushes for major Swiss type CNC automats (Star, Citizen-Cincom, Tsugami, Tornos, Hanwha, Traub, Miyano and other machine brands)

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Carbide Lined Guide Bush / Führungsbuchse / Canons

Guide Bush - Drawn Type



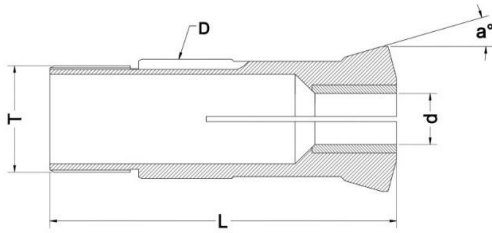
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Sliding Dia	Total Length	Thread	Angle	Round	Hexagon	Square
	ΦD	L	T	α°			
7-02	7	30	M6x0.5	16°	3.5		
9-01	9	44	M8x0.5	16°	5	4	3
9-03	9	38.5	M8x0.75	16°	5	4	3
9-06	9	51	M8x0.8	30°	5	4	3
9-09	9	44	M8x0.75	16°	5	4	3
10-03	10	58	M10x0.75	12°	5.5	4	3
11-02	11	53	M10x0.75	16°	7	5	4
11-09	11	53	M10x1	16°	7	5	4
11-10	11	57	M10x0.75	16°	7	5	4
11-11	11	52.4	M10x0.75	16°	7	5	4
11-12	11	53	M10x0.80	16°	7	5	4
12-01	12	52	M12x1	30°	7	6	5
12-02	12	50	M10x0.75	16°	7	6	5
12-05	12	50	M10x0.75	16°	7	6	5
12-07	12	50	M12x1	30°	7.5	6	5
12-08	12	50	M10x0.5	30°	7	5	4
12-09	12	50	M12x1	30°	7.5	6	5
13-01	13	41.5	M12x0.75	15°	8	6	5
14-02	14	64	M13x0.75	16°	8.5	7	6
14-03	14	62	M14x1	15°30'	8.5	7	6
15-02	15	54	M14x1	16°	10	8	7

Carbide Lined Guide Bush / Führungsbuchse / Canons

Guide Bush - Drawn Type



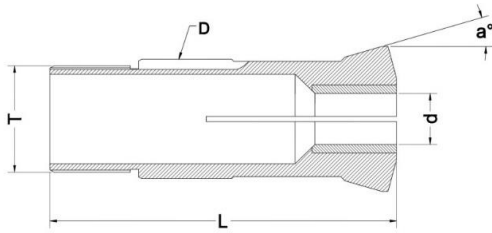
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Sliding Dia	Total Length	Thread	Angle	Round	Hexagon	Square
	ΦD	L	T	α°			
15-03	15	54	M14x0.75	15°	8.5	7	6
16-01	16	50	M14x1	16°	10	8	7
16-03	16	60	M14x1	30°	10	8	7
16-06	16	55	M16x1	30°	10	8	7
16-07	16	63	M14x1	15°30'	10	8	7
16-10	16	58	M14x1	16°	10	8	7
16-12	16	59	M14x1	16°	10	8	7
16-15	16	59	M15x1	16°	11	9	8
16-16	16	58.5	M14x1	20°	10	8	7
16-18	16	63	M14x1	16°30'	10	8	7
18-01	18	59	M16x1	30°	12	10	8
18-02	18	60	M18x1	30°	13	10	9
18-03	18	60	M18x1	30°	13	10	9
18-06	18	76	M18X1	22°	13	10	9
18-08	18	60	M18X1	30°	12.5	10	8
20-01	20	55	M20x1	30°	14	11	9
20-06	20	55	M20x1	30°	13	11	9
20-07	20	58	M18x1	15°	13	11	9
21-03	21	57.5	M18x1	12°	14	11	9
22-01	22	68	M19x1	16°	14	12	10
22-03	22	70	M20x1	15°	15.5	13	11
22-04	22	68	M19X1	16°	15	12	10

Carbide Lined Guide Bush / Führungsbuchse / Canons

Guide Bush - Drawn Type



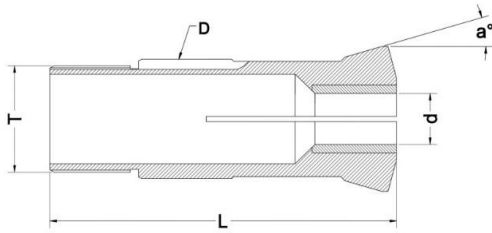
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Sliding Dia	Total Length	Thread	Angle	Round	Hexagon	Square
	ΦD	L	T	α°			
22-08	22	68	M22x1	16°	16	13	11
23-01	23	72	M22x1	16°	16.5	14	11
24-03	24	61	M24x1	30°	16	13	11
26-02	26	77	M25x1	16°	20	17	14
26-04	26	71	M24X1.5	15°	18	15	13
27-03	27	57.5	M24x1	12°	18	15	12
28-02	28	81	M25x1	30°	20.5	17	14
28-04	28	82	M25x1	16°	20.5	17	14
28-05	28	82	M27x1	16°	22	18	15
30-01	30	70	M28x1	16°	20.5	17	14
30-02	30	85	M28x1	16°	20.5	17	14
30-04	30	59	M30x1	15°	22	19	16
30-05	30	59	M30x1	16°	22	19	16
30-06	30	68	M30x1	16°	22	19	16
30-07	30	70	M30x1	16°	22	19	16
30-08	30	57.5	M30X1	16°	22	19	16
32-02	32	71	M32x1	30°	23	19	16
32-03	32	74	M32x1	30°	24	21	17
33-01	33	70	M30x1	16°	26	22	18
34-02	34	87.5	M34x1	10°	27.5	23	19
34-03	34	87.5	M34X1	10°	27.5	23	19

Carbide Lined Guide Bush / Führungsbuchse / Canons

Guide Bush - Drawn Type



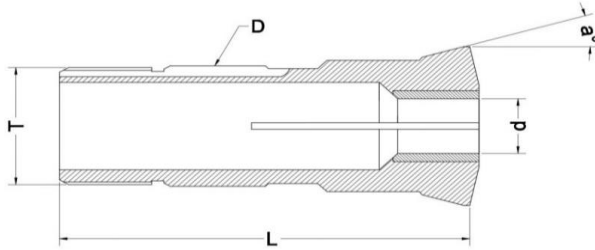
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Sliding Dia	Total Length	Thread	Angle	Round	Hexagon	Square
	ΦD	L	T	α°			
36-02	36	89.5	M36x1	13°	25	21	18
40-03	40	72	M36x1	30°	29	25	21
40-05	40	72	M40x1	30°	30	25	21
41-01	41	54	M38x1	10°	32	27	22
41-02	41	82	M38x1	10°	32	27	22
41-03	41	82	M38X1	10°	32	27	22
41-04	41	54	M38X1	10°	30	26	21
42-01	42	82	M40x1	16°	33	28	23
42-02	42	82	M40x1	20°30'	33	28	23
42-04	42	82	M40x1	20°	33	28	23
44-01	44	87	M40x1	20°	33	28	23
45-01	45	82	M42x1	16°	36	30	25
46-01	46	92	M45x1	16°	38	32	26
46-02	46	82	M45x1	16°	38	32	26
48-02	48	81	M48x1.25	30°	38	33	27
48-04	48	82	M46x1	16°	38	33	27
48-06	48	81	M46x1	10°	38	33	27
48-08	48	82	M46X1	16°	38	33	27
50-02	50	82	M49x1	19°	42	36	29
52-01	52	99	M48x1.5 LH	10°	40	34	28
52-02	52	95	M50x1	16°	43	37	30

Carbide Lined Guide Bush / Führungsbuchse / Canons

Guide Bush - Reinforced Shank Type



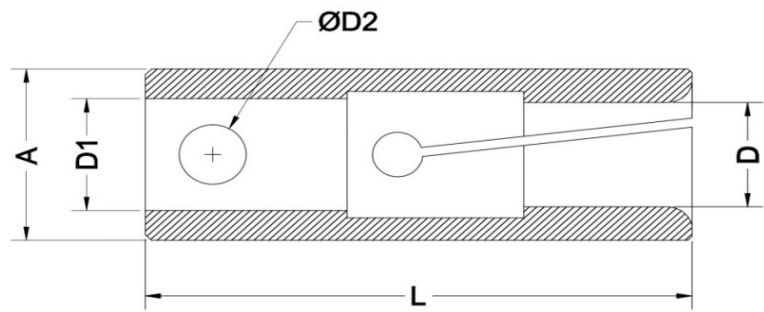
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Sliding Dia	Total Length	Thread	Angle	Round	Hexagon	Square
	ϕD	L	T	α°			
22-05	22	68	M22x1	16°	16	13	11
34-06	34	150	M32x1.50	20°	27	22	19

Collets / Pinces / Spannzangen / Pinze

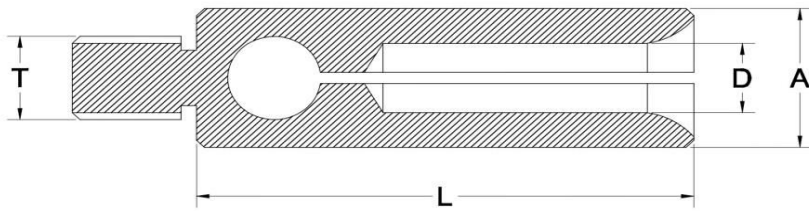
BARFEEDER COLLETS PIN TYPE



All Dimension are in mm - Unless Otherwise Specified					Capacity	
Part Nr.	Outer Dia	Length	Back Bore Dia	Pin Dia	Range	
	ΦA	L	$\Phi D1$	$\Phi D2$	$\Phi D Min$	$\Phi D Max$
05-02	5	28	3.5	1.5	1	3.5
07-04	7	37	5	3	1	5.5
07-07	7	28	3.5	1.5	1	5.5
10-02	10	40	7	4	1	8
12-05	12	40	8	4	1	10
15-01	15	55	10	6	3	13
15-06	15	40	11	6	3	13
15-08	15	50	11	6	3	13
15-10	15	55	7	2	3	13
16-03	16	65	11	6	3	14
16-05	16	40	11	6	3	14
17-01	17	55	7	2	13	15
17-02	17	45	11	6	5	15
18-01	18	40	11	6	3	16
19-02	19	57	10	6	3	17
19-04	19	57	10	2	3	17
19-07	19	40	11	6	13	17
20-05	20	56	10	6	13	17
20-06	20	65	14	8	3	17
22-02	22	65	14	8	18	19
25-02	25	65	20	8	18	22
25-03	25	76	16	8	3	22
30-02	30	65	20	8	23	27
32-05	32	65	20	8	28	29
32-06	32	76	16	8	23	29
34-01	34	90	20	8	18	31
35-03	35	65	20	8	30	32

Collets / Pinces / Spannzangen / Pinze

BARFEEDER COLLETS WITH EXTERNAL THREAD



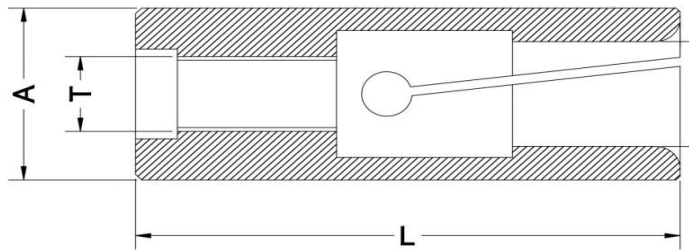
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Outer Dia	Length	Thread	Range	
	ϕA	L	T	$\phi D Min$	$\phi D Max$
5.5-01	5.5	31	M3	1	4
07-02	7	40	M6x1 LH	1	5
08-01	8	40	M6x1	1	6
10-01	10	40	M6x1 LH	1	8
11.5-01	11.5	40	M6x1	6	10
12-02	12	40	M6x1 LH	8	10
15-13	15	40	M6x1 LH	3	13

Collets / Pinces / Spannzangen / Pinze

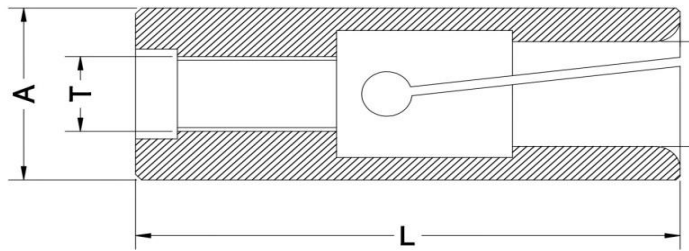
BARFEEDER COLLETS WITH INTERNAL THREAD



All Dimension are in mm - Unless Otherwise Specified				Capacity	
Part Nr.	Outer Dia	Length	Thread	Range	
	ϕA	L	T	ϕD Min	ϕD Max
05-01	5.15	37	M4x0.7	1	3.5
7.5-02	7.5	40	M5x0.50	1	5.5
08-02	8	50	M4x0.70	1	6
8.5-01	8.5	30	M5x0.80	1	6
09-01	9	40	M6x0.75	1	7
9.5-02	9.5	45	M5x0.80 LH	1	7.5
9.5-03	9.5	45	M5x0.80	1	7.5
10-03	10	46	M6x1 LH	1	8
10-04	10	42	M6x0.75	1	8
10-06	10	50	M5x0.80 LH	1	8
10-08	10	50	M5x0.80	1	8
12-01	12	42	M7x0.75	1	10
12-04	12	40	M6x1 LH	1	10
12-06	12	42	M7x0.75	1	10
12-07	12	45	M5x0.80 LH	1	10
13-01	13	60	M8x1 LH	1	11
13-02	13	50	M5x0.80 LH	1	11
14-01	14	42	M8x1	3	12
14-04	14	42	M7x0.75	3	12
15-02	15	42	M8x1	3	13
15-03	15	60	M9x1 LH	3	13
15-04	15	60	M10x1 LH	3	13
15-07	15	40	M5x0.50	3	13
15-09	15	73	M10x1 LH	3	13

Collets / Pinces / Spannzangen / Pinze

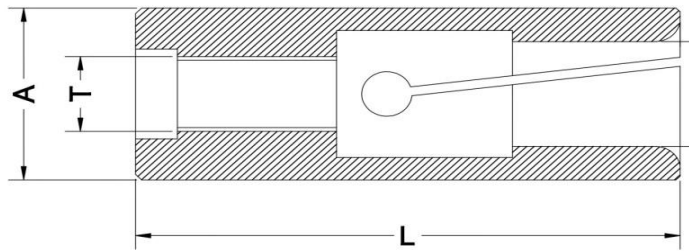
BARFEEDER COLLETS WITH INTERNAL THREAD



All Dimension are in mm - Unless Otherwise Specified				Capacity	
Part Nr.	Outer Dia	Length	Thread	Range	
	ΦA	L	T	ΦD Min	ΦD Max
15-11	15	60	M10x1	3	13
15-12	15	60	M8x1	3	13
15-14	15	85	M12x1 LH	3	13
15-15	15	50	M9x1 LH	3	13
15-16	15	16	M8x1 LH	3	13
16-01	16	73	M10x1 LH	3	14
16-04	16	58	M9x1 LH	3	14
16-06	16	42	M8x1	12	14
18-03	18	42	M9x1 LH	6	16
18-04	18	60	M9x1 LH	13	16
18-05	18	59	M10x1 LH	13	16
18-06	18	59	M10x1	13	16
19-01	19	59	M10x1	13	17
19-06	19	60	M9x1 LH	13	17
19-08	19	40	M8x1	12	17
19-09	19	50	M5x0.80 LH	13	17
20-03	20	59	M10x1	4	17
20-04	20	60	M10x1 LH	13	17
20-07	20	60	M10x1	13	17
20-08	20	59	M9x1 LH	13	17
20-09	20	42	M10x1	8	17
20-10	20	59	M9x1	13	17
22-01	22	59	M10x1	17	19
22-04	22	59	M9X1LH	17	19

Collets / Pinces / Spannzangen / Pinze

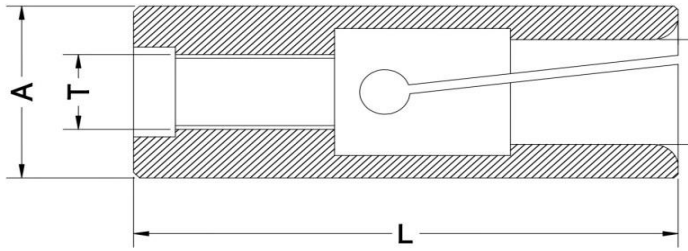
BARFEEDER COLLETS WITH INTERNAL THREAD



All Dimension are in mm - Unless Otherwise Specified				Capacity	
Part Nr.	Outer Dia	Length	Thread	Range	
	ΦA	L	T	ΦD Min	ΦD Max
23-04	23	59	M10x1	17	20
23-05	23	60	M9x1 LH	17	20
24-01	24	60	M9x1 LH	17	21
25-06	25	59	M10x1	17	22
25-07	25	59	M10x1 LH	17	22
25-08	25	60	M9x1 LH	17	22
25-09	25	60	M17x1	13	22
26.5-01	26.5	65	M17x1	15	23
27-01	27	65	M10x1 LH	15	24
27-02	27	65	M10x1	15	24
27-03	27	59	M9x1 LH	15	24
29-01	29	65	M18x1.5 LH	17	26
30-01	30	65	M10x1	24	27
30-03	30	65	M18x1.5	17	27
30-04	30	65	M18x1.5 LH	17	27
30-05	30	65	M10x1 LH	17	27
32-01	32	70	M17x1 LH	19	29
32-02	32	80	M25x1.5 LH	19	29
32-04	32	80	M25x1.5	19	29
35-02	35	80	M25x1.5	29	32
35-04	35	80	M25x1.5 LH	29	32
36-01	36	100	M30x1.5	23	33
40-01	40	80	M25x1.5	32	37
42-02	42	90	M25x1.5 LH	29	39

Collets / Pinces / Spannzangen / Pinze

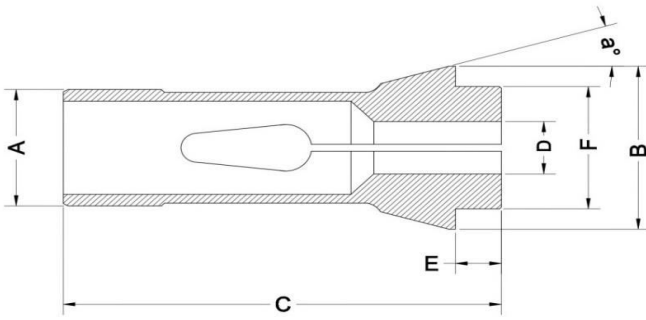
BARFEEDER COLLETS WITH INTERNAL THREAD



All Dimension are in mm - Unless Otherwise Specified				Capacity	
Part Nr.	Outer Dia	Length	Thread	Range	
	ϕA	L	T	$\phi D \text{ Min}$	$\phi D \text{ Max}$
42-04	42	80	M25x1.5 LH	32	39
42-05	42	90	M32x1.5 LH	29	39
42-08	42	80	M25x1.5	29	39
44-01	44	80	M25x1.5 LH	39	41
46-01	46	80	M25x1.5	37	43
46-02	46	80	M25x1.5 LH	41	43

Collets / Pinces / Spannzangen / Pinze

F-Type Collet (Straight Sliding Face)



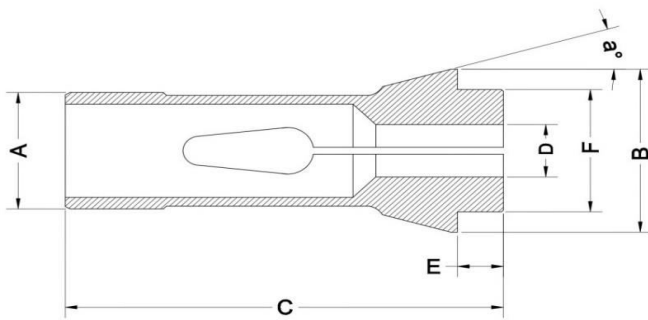
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Sliding Dia	Angular Dia	Total Length	Front Extension Length	Front Extension Dia	Angle	Round	Hexagon	Square
	ΦA	ΦB	C	E	ΦF	α°			
7-66	7	10.7	26	2.9	7	15°	4.5	3	3
7-206	7	10.5	26	3	7	15°	4.5	3	3
8-577	8	12	42	4.5	8	16°	5.5	4	3
8-1079	8	12	41	3.5	8	16°	4.5	3	3
10-86	10	15.5	47.5	5.5	10	20°	7	5	4
10-1178	10	16	46	4	10	20°	7	5	4
10-9054	10	16	47	5	10	20°	7	6	5
10-9096	10	15	43	5	10	15°	6.5	5	4
12-78	12	18.1	44.5	4.3	12	15°	8	6	5
12-578	12	18	64	6	12	16°	8	6	5
13-357	13	19	64	6	13	16°	10	8	7
14-98	14	18	46	4	14	13°	10	8	7
15-358	15	22	47	5	15	20°	10.5	9	7
15-580	15	21	64	6	15	16°	11	9	8
15-9005	15	20	45.5	2.5	15	15°	10	8	7
15-9012	15	21	64	6	17.5	16°	11.5	9	8
16-104	16	22	55	5	16	15°	12	10	8
16-1076	16	21	64	6	16	16°	12	10	8
16-9070	16	21	62	4	16	16°	12	10	8
16-9098	16	21	62	4	16	16°	12	10	8
18-85	18	25	67	7	19.5	15°	14	11	9
20-87	20	28	67	7	21	16°	16	13	11
20-102	20	27.5	60	5	20	15°	16	13	11
20-201	20	26	54	5	19	15°	16	13	11
20-9026	20	26	67	3	19	16°	16	13	11
22-727	22	32	66	7	25	16°	17	15	12
23.8-9020	23.8	28	62	7	22	15°	18	15	12
24-9003	24	28	62	7	22	15°	17	15	12
25-64	25	35	77	10	27	16°	20	17	14

Collets / Pinces / Spannzangen / Pinze

F-Type Collet (Straight Sliding Face)



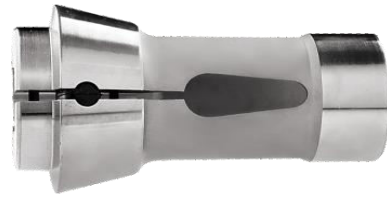
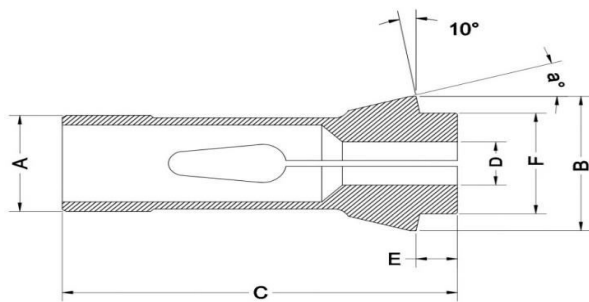
All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Sliding Dia	Angular Dia	Total Length	Front Extension Length	Front Extension Dia	Angle	Round	Hexagon	Square
	ΦA	ΦB	C	E	ΦF	α°			
25-91	25	34	65	6	25	15°	20	17	14
25-9015	25	35	85	18	27	16°	20	17	14
25-9091	25	35	72	5	27	16°	20	17	14
26-90	26	32	67	7	27.5	13°	20.5	17	14
26-9021	26	36	67	7	28	15°	20.5	17	14
27-22	27	38	72.7	8	30	15°	23	19	16
28-93	28	38	70	7	28	15°	23	19	16
28-9004	28	35	77	10	27.5	16°	22.5	19	16
30-63	30	42	80	10	34	16°	25	21	17
30-101	30	38	65	6	32	15°	25	21	17
30-9044	30	42	80	12	32	16°	25	22	18
30-9066	30	42	78	10	32	16°	25	22	18
32-1023	32	40	65	6	34	15°	26	22	18
33-9043	33	40	80	12	32	16°	28	24	20
37-740	37	47	92	10	40	16°	32	27	22
40-9074	40	50	92	10	43	16°	35	30	24
44-9082	44	52	92	10	44	16°30'	38	32	27
44.4-9061	44.4	54.5	64	8.5	42	15°	37	31	26

Collets / Pinces / Spannzangen / Pinze

F-Type Collet (Angular face)



All Dimension are in mm - Unless Otherwise Specified

Capacity

Part Nr.	Angular Sliding Dia	Angular Dia	Total Length	Front Extension Length	Front Extension Dia	Angle	Round	Hexagon	Square
	ΦA	ΦB	C	E	ΦF	α°			
17.46-79	17.46	22	51	5	16	15°	13.5	11	9
22-71	22	30	55	6	21	15°	16.5	14	11
32-221	32	45	75	8	34	15°	26	22	18
35-94	35	48	80	8	38	15°	30	25	21
37-9087	37	44	91	5.7	38	16°	32	27	22
38-72	38.08	49	107.5	9	38	15°	32	27	22
42-99	42	55	94	9	42	15°	36	30	25
43-37	43	53	92	10	46	16°	38	33	27
43-9078	43	53	92	10	42	15°	35	30	25
48-38	48	54	100	10	44	15°	39	34	28
48-81	48	60	94	9	50	15°	42	36	29
48-9079	48	54	100	10	44	15°	41	35	29
58-355	58	70	94	9	60	15°	51	44	36
58-9046	58	70	94	9	60	15°	51	44	36
66-359	66	84	110	9	73	15°	59	48	39