F

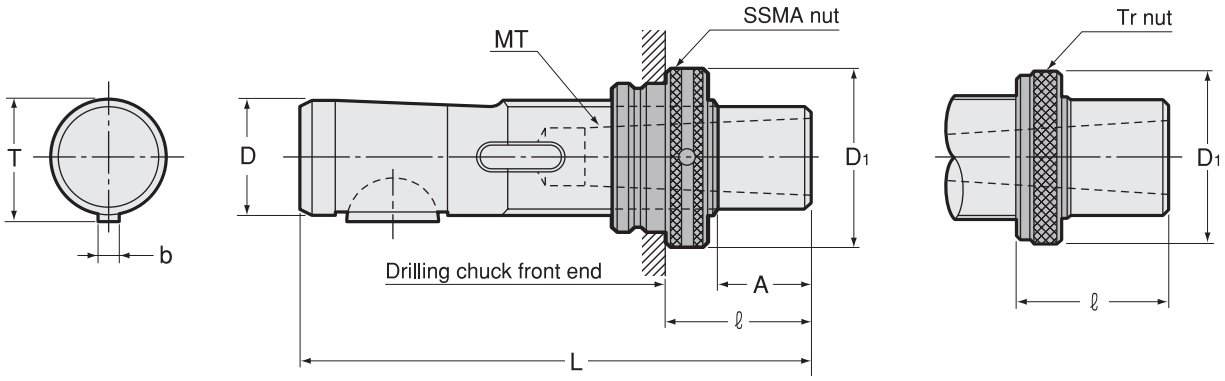
Adjustable Adapter Long Design Type F

Applications

Drilling and spot-facing.

Feature

1. Both Tr and SSMA nut types are available in many sizes.
2. SSMA nut type is suitable for use with drilling chuck.



Model			MT	A	D	D1 ± 0.2		L	b	T	kg	ℓ	
						SSMA	Tr					SSMA	Tr
F16-1	-25	/SSMA16 /Tr16	1	25	16	26	25	110	5	17.1	0.13	34 ~ 62	37 ~ 63
	-50		1	50	16	26	25	135	5	17.1	0.16	59 ~ 87	62 ~ 88
	-75		1	75	16	26	25	160	5	17.1	0.19	84 ~ 112	87 ~ 113
	-100		1	100	16	26	25	185	5	17.1	0.22	109 ~ 137	112 ~ 138
F20-1	-25	/SSMA20 /Tr20	1	25	20	33	32	113	5	21.1	0.24	34 ~ 62	37 ~ 63
	-50		1	50	20	33	32	138	5	21.1	0.28	59 ~ 87	62 ~ 88
	-75		1	75	20	33	32	163	5	21.1	0.33	84 ~ 112	87 ~ 113
	-100		1	100	20	33	32	188	5	21.1	0.38	109 ~ 137	112 ~ 138
F25-1	-25	/SSMA25 /Tr25	1	25	25	40	37	120	6	26.5	0.44	35 ~ 65	37 ~ 67
	-50		1	50	25	40	37	145	6	26.5	0.52	60 ~ 90	62 ~ 92
	-75		1	75	25	40	37	170	6	26.5		85 ~ 115	87 ~ 117
	-100		1	100	25	40	37	195	6	26.5		110 ~ 140	112 ~ 142
F25-2	-25	/SSMA25 /Tr25	2	25	25	40	37	120	6	26.5	0.37	35 ~ 65	37 ~ 67
	-50		2	50	25	40	37	145	6	26.5	0.41	60 ~ 90	62 ~ 92
	-75		2	75	25	40	37	170	6	26.5	0.52	85 ~ 115	87 ~ 117
	-100		2	100	25	40	37	195	6	26.5	0.6	110 ~ 140	112 ~ 142
F26-1	-25	/Tr26	1	25	26	—	40	120	5	27.5	0.45	—	37 ~ 67
	-50		1	50	26	—	40	145	5	27.5	0.54	—	62 ~ 92
	-75		1	75	26	—	40	170	5	27.5	0.62	—	87 ~ 117
	-100		1	100	26	—	40	195	5	27.5	0.7	—	112 ~ 142
F26-2	-25	/Tr26	2	25	26	—	40	120	5	27.5	0.38	—	37 ~ 67
	-50		2	50	26	—	40	145	5	27.5	0.46	—	62 ~ 92
	-75		2	75	26	—	40	170	5	27.5	0.54	—	87 ~ 117
	-100		2	100	26	—	40	195	5	27.5	0.62	—	112 ~ 142
F28-1	-25	/SSMA28 /Tr28	1	25	28	42	40	120	6	29.5	0.55	35 ~ 65	37 ~ 67
	-50		1	50	28	42	40	145	6	29.5	0.65	60 ~ 90	62 ~ 92
	-75		1	75	28	42	40	170	6	29.5	0.74	85 ~ 115	87 ~ 117
	-100		1	100	28	42	40	195	6	29.5	0.84	110 ~ 140	112 ~ 142
F28-2	-25	/SSMA28 /Tr28	2	25	28	42	40	120	6	29.5	0.47	35 ~ 65	37 ~ 67
	-50		2	50	28	42	40	145	6	29.5	0.57	60 ~ 90	62 ~ 92
	-75		2	75	28	42	40	170	6	29.5	0.66	85 ~ 115	87 ~ 117
	-100		2	100	28	42	40	195	6	29.5	0.73	110 ~ 140	112 ~ 142

Inch to Metric (mm) → Inch × 25.4
Metric (mm) to Inch → Metric ÷ 25.4 or Metric × 0.03937

Special / Custom Sizes on request

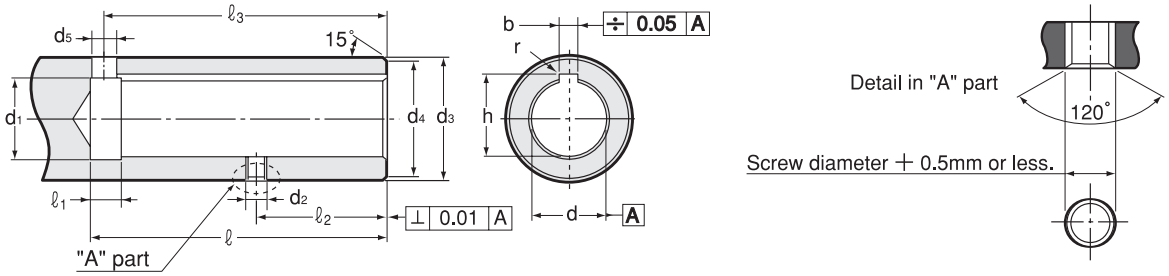
Model			MT	A	D	D1 ± 0.2		L	b	T	kg	ℓ	
						SSMA	Tr					SSMA	Tr
F32-2	-30	/SSMA32 /Tr32	2	30	32	47	45	148	8	33.5	0.83	40 ~ 76	44 ~ 78
	-60		2	60	32	47	45	178	8	33.5	0.98	70 ~ 106	74 ~ 108
	-90		2	90	32	47	45	208	8	33.5		100 ~ 136	104 ~ 138
	-120		2	120	32	47	45	238	8	33.5		130 ~ 166	134 ~ 168
F32-3	-30	/SSMA32 /Tr32	3	30	32	47	45	148	8	33.5	0.67	40 ~ 66	44 ~ 78
	-60		3	60	32	47	45	178	8	33.5	0.81	70 ~ 106	74 ~ 108
	-90		3	90	32	47	45	208	8	33.5	0.97	100 ~ 136	104 ~ 138
	-120		3	120	32	47	45	238	8	33.5		130 ~ 166	134 ~ 168
F35-2	-30	/Tr35	2	30	35	–	50	148	6	36.5		–	44 ~ 78
	-60		2	60	35	–	50	178	6	36.5	1.18	–	74 ~ 108
	-90		2	90	35	–	50	208	6	36.5		–	104 ~ 138
	-120		2	120	35	–	50	238	6	36.5	1.56	–	134 ~ 168
F35-3	-30	/Tr35	3	30	35	–	50	148	6	36.5	0.83	–	44 ~ 78
	-60		3	60	35	–	50	178	6	36.5	1.03	–	74 ~ 108
	-90		3	90	35	–	50	208	6	36.5		–	104 ~ 138
	-120		3	120	35	–	50	238	6	36.5		–	134 ~ 168
F36-2	-30	/SSMA36 /Tr36	2	30	36	54	50	148	8	37.5	1.1	40 ~ 66	44 ~ 78
	-60		2	60	36	54	50	178	8	37.5	1.3	70 ~ 106	74 ~ 108
	-90		2	90	36	54	50	208	8	37.5		100 ~ 136	104 ~ 138
	-120		2	120	36	54	50	238	8	37.5		130 ~ 166	134 ~ 168
F36-3	-30	/SSMA36 /Tr36	3	30	36	54	50	148	8	37.5	0.94	40 ~ 66	44 ~ 78
	-60		3	60	36	54	50	178	8	37.5	1.1	70 ~ 106	74 ~ 108
	-90		3	90	36	54	50	208	8	37.5	1.34	100 ~ 136	104 ~ 138
	-120		3	120	36	54	50	238	8	37.5		130 ~ 166	134 ~ 168
F48-3	-40	/SSMA48 /Tr48	3	40	48	72	67	184	10	49.9		54 ~ 101	58 ~ 103
	-80		3	80	48	72	67	224	10	49.9		94 ~ 141	98 ~ 143
	-120		3	120	48	72	67	264	10	49.9		134 ~ 181	138 ~ 183
	-160		3	160	48	72	67	304	10	49.9		174 ~ 221	178 ~ 223
F48-4	-40	/SSMA48 /Tr48	4	40	48	72	67	184	10	49.9		54 ~ 101	58 ~ 103
	-80		4	80	48	72	67	224	10	49.9	2.53	94 ~ 141	98 ~ 143
	-120		4	120	48	72	67	264	10	49.9	3.02	134 ~ 181	138 ~ 183
	-160		4	160	48	72	67	304	10	49.9		174 ~ 221	178 ~ 223
F48-3	-40-8	/SSMA48 /Tr48	3	40	48	72	67	184	8	49.9	2.37	54 ~ 101	58 ~ 103
	-80-8		3	80	48	72	67	224	8	49.9		94 ~ 141	98 ~ 143
	-120-8		3	120	48	72	67	264	8	49.9		134 ~ 181	138 ~ 183
	-160-8		3	160	48	72	67	304	8	49.9		174 ~ 221	178 ~ 223
F48-4	-40-8	/SSMA48 /Tr48	4	40	48	72	67	184	8	49.9	2.02	54 ~ 101	58 ~ 103
	-80-8		4	80	48	72	67	224	8	49.9	2.52	94 ~ 141	98 ~ 143
	-120-8		4	120	48	72	67	264	8	49.9		134 ~ 181	138 ~ 183
	-160-8		4	160	48	72	67	304	8	49.9		174 ~ 221	178 ~ 223

1.To avoid troubles, please do not use our products with another manufacturer's products.
2.Refer to P.476 for DIN spindle dimension.

Ordering Example

F 20 - 1 - 50 / SSMA20

D MT1 A SSMA nut



Chamfer 120°at “A” part. (Max. chamfering diameter = Screw diameter + 0.5 mm or less)

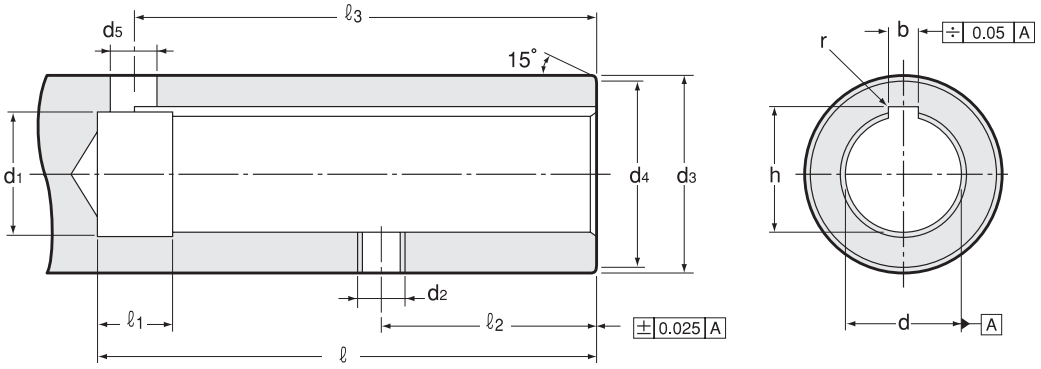
M Series

Size	d H6	ℓ (min)	d1	d2	d3 g6	d4	d5	ℓ 1	ℓ 2 ± 0.1	ℓ 3	b	h +0.1 0	r
16	16	68	16.6	M6 P=1.0	25	24	5	8	34	64	4 +0.145 +0.070	17.7	0.2
20	20	68	20.6	M8 P=1.25	32	31	6	8	34	64	5 +0.145 +0.070	22.2	0.2
26	26	84	26.6	M8 P=1.25	40	39	6	10	41	79	5 +0.145 +0.070	28.2	0.2
28	28	84	28.6	M8 P=1.25	40	39	6	10	41	79	5 +0.145 +0.070	30.2	0.2
32	32	105	32.8	M10 P=1.5	45	44	8	10	45	100	6 +0.145 +0.070	34.6	0.2

T Series

Size	d	ℓ (min)	d1	d2	d3 h7	d4	d5	ℓ 1	ℓ 2 ± 0.1	ℓ 3	b	h +0.3 +0.1
16	16 +0.027 +0.015	75	17	M6 P=0.75	25	24	4	10	31.3	66	3 +0.27 +0.19	17.5
19	19 +0.027 +0.015	75	20	M8 P=0.75	32	31	6	10	31.3	67	5 +0.28 +0.20	21.5
22	22 +0.032 +0.018	88	23	M8 P=0.75	36	35	6	10	36.3	80	5 +0.28 +0.20	24.5
26	26 +0.032 +0.018	98	28	M8 P=0.75	40	39	6	10	41.3	90	5 +0.28 +0.20	28.5
35	35 +0.038 +0.021	116	37	M8 P=0.75	52	51	8	10	46.3	106	7 +0.29 +0.21	38.5
48	48 +0.038 +0.021	147	50	M8 P=0.75	65	64	8	10	62.3	136	7 +0.29 +0.21	51.5

DIN Spindle Dimension



Size	d H6	ℓ (min)	d1	d2	d3 g6	d4	d5	ℓ 1	ℓ 2 ± 0.1	ℓ 3	b +0.120 +0.060	h +0.1 0	r
8	8	42	8.6	M4	15	14.4	3.5	8	16	35	2	9	0.2
10	10	52	10.6	M5	18	17.4	5	8	22	48	3	11	0.2
12	12	52	12.6	M5	20	19.2	5	8	22	48	3	13	0.2
16	16	74	16.6	M6	25	24	6	8	34	70	5	17.3	0.2
20	20	77	20.6	M8	32	31	6	8	34	73	5	21.3	0.2
25	25	85	25.6	M8	37	36	8	10	38	80	6	26.7	0.4
26	26	85	26.6	M8	40	39	6	10	38	80	5	27.7	0.2
28	28	85	28.6	M8	40	39	8	10	38	80	6	29.7	0.4
32	32	106	32.8	M8	45	44	10	10	45	101	8	33.7	0.4
35	35	106	35.8	M8	50	49	8	10	45	101	6	36.7	0.4
36	36	106	36.8	M8	50	49	10	10	45	101	8	37.7	0.4
48	48	129	48.8	M10	67	66	12	12	57	123	10	50.1	0.4

Inch to Metric (mm) → Inch × 25.4
Metric (mm) to Inch → Metric ÷ 25.4 or Metric × 0.03937

Special / Custom Sizes on request