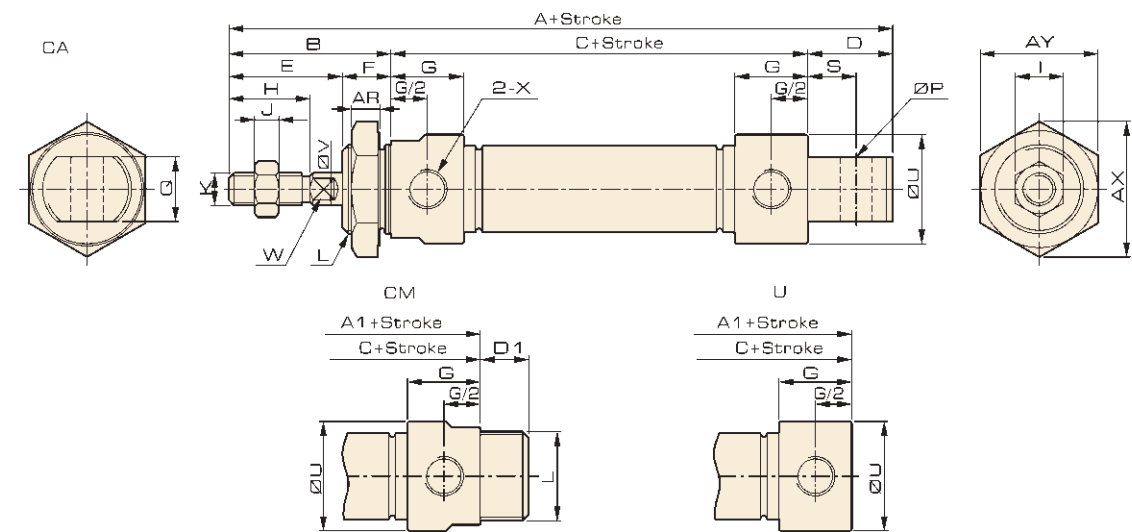


Overall Dimension

MA



Cylinder with or without magnet is the same size

Dimension

Bore / Stroke	A	A1	B	C	D	D1	E	F	G	H	I	J	K
12	113	97	38	59	16	12	22	16	12	16	10	5	M6×1
16	114	98	38	60	16	12	22	16	12	16	10	5	M6×1
20	137	116	40	76	21	12	28	12	18	20	12	6	M8×1.25
25	141	120	44	76	21	14	30	14	16	22	17	6	M10×1.25
32	147	120	44	76	27	14	30	14	16	22	17	6	M10×1.25
40	150	123	46	77	27	14	32	14	16.7	24	19	7	M12×1.25

Bore / Stroke	L	P	Q	S	U	V	W	X	AR	AX	AY
12	M16×1.5	6	12	9.5	21	6	5	M5×0.8	6	27.8	24
16	M16×1.5	6	12	9	21	6	5	M5×0.8	6	27.8	24
20	M22×1.5	8	16	12	27	8	6	G1/8	7	33.5	29
25	M22×1.5	8	16	12	30	10	8	G1/8	7	33.5	29
32	M24×2	10	16	15	35	12	10	G1/8	9	37	32
40	M30×2	12	20	15	42	16	14	G1/8	9	46	40

●

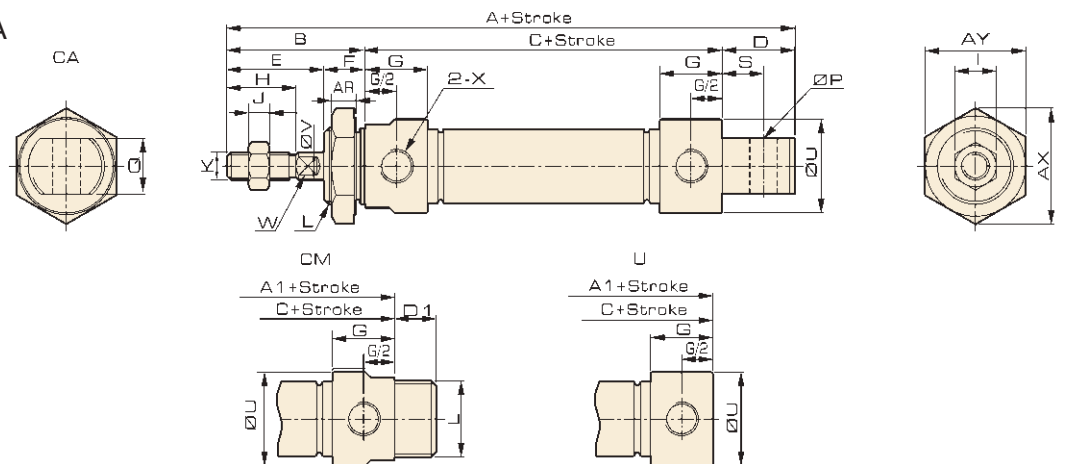
MA Series
Stainless Steel Mini Cylinder

●

Overall Dimension

●

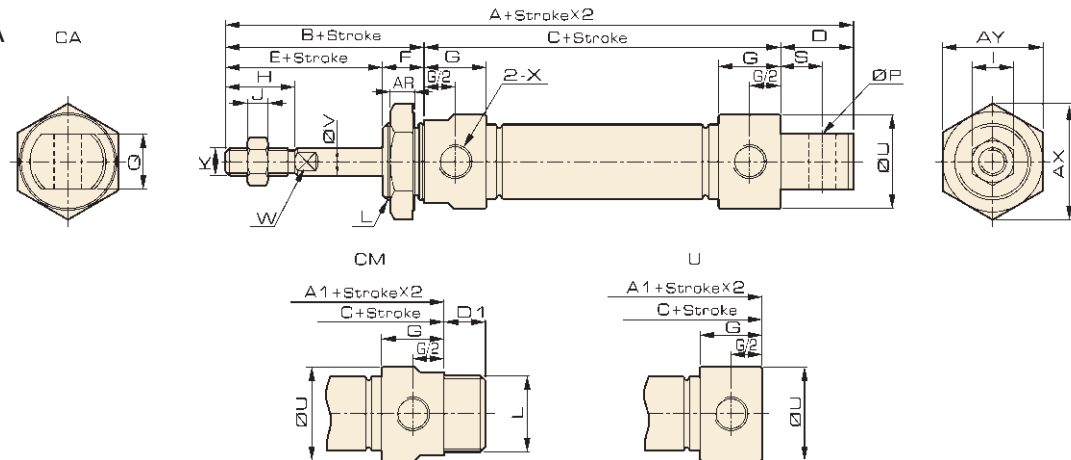
MSA



Cylinder with or without magnet is the same size

●

MTA



Cylinder with or without magnet is the same size

●

Dimension

Symbol	A			A1			B	C			D	D1	E	F	G
Bore/Stroke	0-50	50-100	100-150	0-50	50-100	100-150		0-50	50-100	100-150					
12	138	-	-	122	-	-	38	84	-	-	16	12	22	16	12
16	139	164	-	123	148	-	38	85	110	-	16	12	22	16	12
20	162	187	212	141	166	191	40	101	126	151	21	12	28	12	18
25	166	191	216	145	170	195	44	101	126	151	21	14	30	14	16
32	172	197	222	145	170	195	44	101	126	151	27	14	30	14	16
40	175	200	225	148	173	198	46	102	127	152	27	14	32	14	16.7

Bore/Symbol	H	I	J	K	L	P	Q	S	U	V	W	X	AR	AX	AY
12	16	10	5	M6×1	M16×1.5	6	12	9.5	21	6	5	M5×0.8	6	27.8	24
16	16	10	5	M6×1	M16×1.5	6	12	9	21	6	5	M5×0.8	6	27.8	24
20	20	12	6	M8×1.25	M22×1.5	8	16	12	27	8	6	G1/8	7	33.5	29
25	22	17	6	M10×1.25	M22×1.5	8	16	12	30	10	8	G1/8	7	33.5	29
32	22	17	6	M10×1.25	M24×2	10	16	15	35	12	10	G1/8	9	37	32
40	24	19	7	M12×1.25	M30×2	12	20	15	42	16	14	G1/8	9	46	40

ISO9001:2015 CE

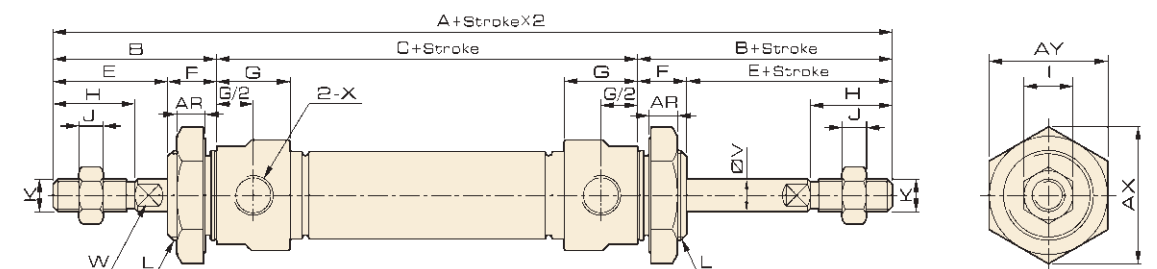
MA Series
Stainless Steel Mini Cylinder

●

Overall Dimension

●

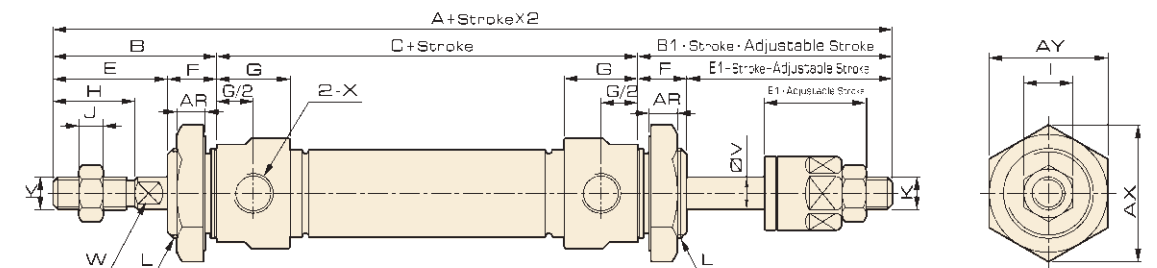
MAD



Cylinder with or without magnet is the same size

●

MAJ



Cylinder with or without magnet is the same size

●

Dimension

Bore Symbol	A	A1	B	B1	C	E	E1	F	G	H	I	J	K	L	U	V	W	X	AR	AX	AY	Y
12	135	135	38	38	59	22	21	16	12	16	10	5	M6×1	M16×1.5	21	6	5	M5×0.8	6	27.8	24	6
16	136	135	38	37	60	22	21	16	12	16	10	5	M6×1	M16×1.5	21	6	5	M5×0.8	6	27.8	24	6
20	156	153	40	37	76	28	25	12	18	20	12	6	M8×1.25	M22×1.5	27	8	6	G1/8	7	33.5	29	8.5
25	164	161	44	41	76	30	27	14	16	22	17	6	M10×1.25	M22×1.5	30	10	8	G1/8	7	33.5	29	9.5
32	164	161	44	41	76	30	27	14	16	22	17	6	M10×1.25	M24×2	35	12	10	G1/8	9	37	32	11.5
40	169	166	46	42	77	32	28	14	16.7	24	19	7	M12×1.25	M30×2	42	16	14	G1/8	9	46	40	14