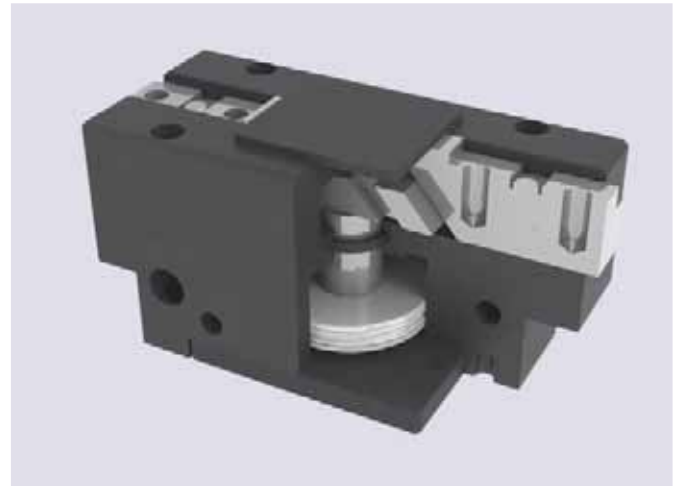
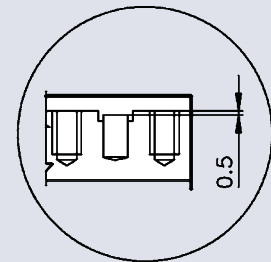
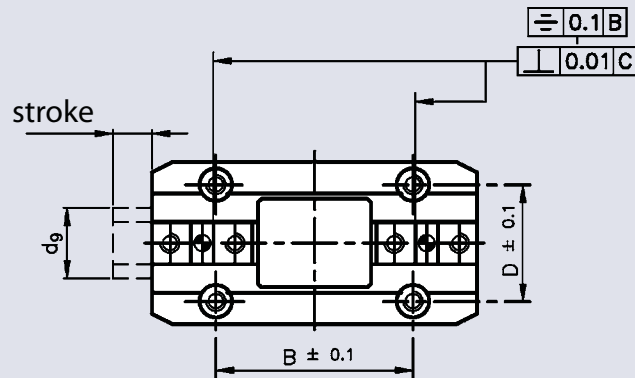
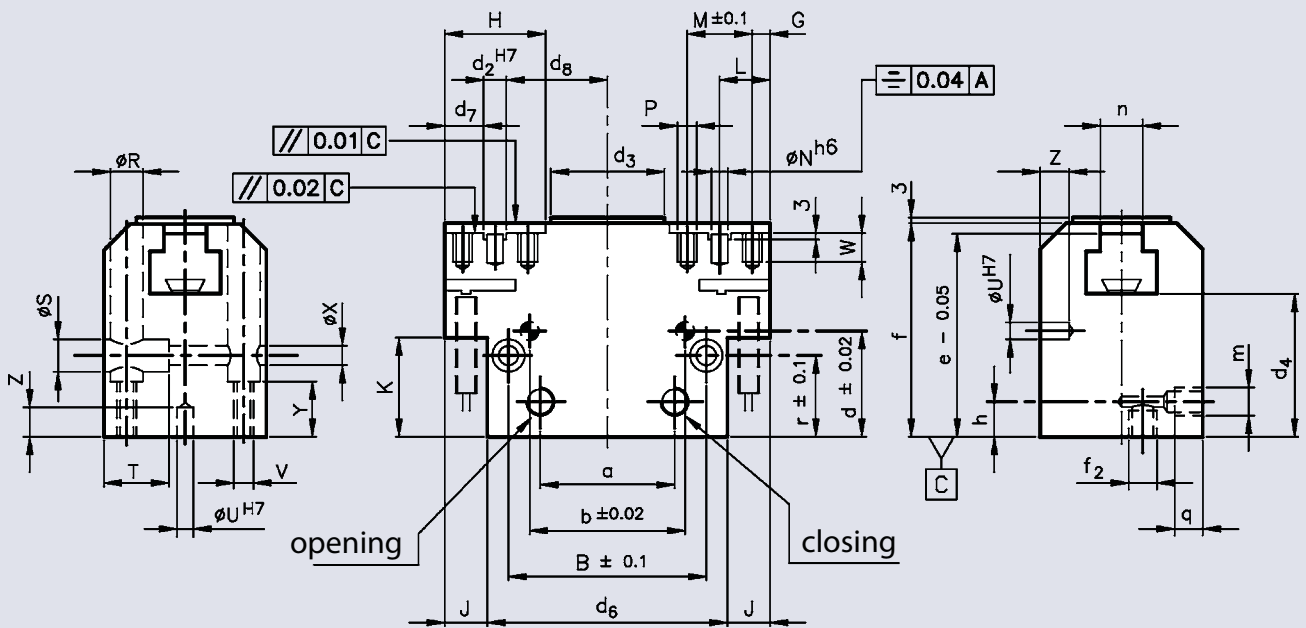
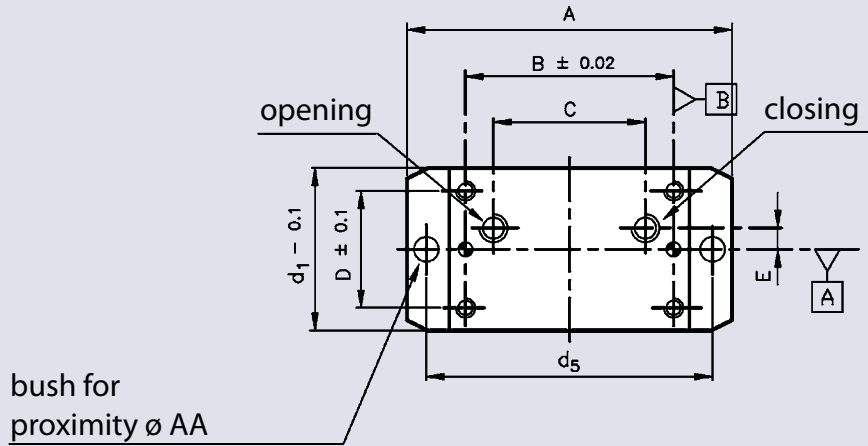


Self centering vise hydraulic "Long stroke" SCV LSH



TECHNICAL DATA

- Operating pressure range: max 45 bar with oil
- Repeatability accuracy: from cod. 30 10 10 37 to 30 10 10 39 = 0,02 mm with 100 cycles
from cod. 30 10 10 40 to 30 10 10 42 = 0,03 mm with 100 cycles
- Operating temperature range: da 5 °C a 60 °C
- Operating principle: wedge and piston design with mechanically restricted guidance
- Stroke range: from 6 to 72 mm
- Mounting: by means of bores for H7 pins
- Housing material: hardened steel
- Material for functional parts: hardened steel
- Actuation: filtered hydraulic oil (10 mm) , viscosity 46 mm²/s a 40 °C
ISO VG max 60 °C; compressed air (10 mm), dry or lubricated
- Connections: sides-bases
- Maintenance: relubrified via lubrication-nipples every 5.000 cycles for tool clamping, every 100.000 in handling
- Options:
 - proxy switch adjustment
 - serrated fingers
 - spring-packaged pressure plate



SCV LSH (Hydraulic)

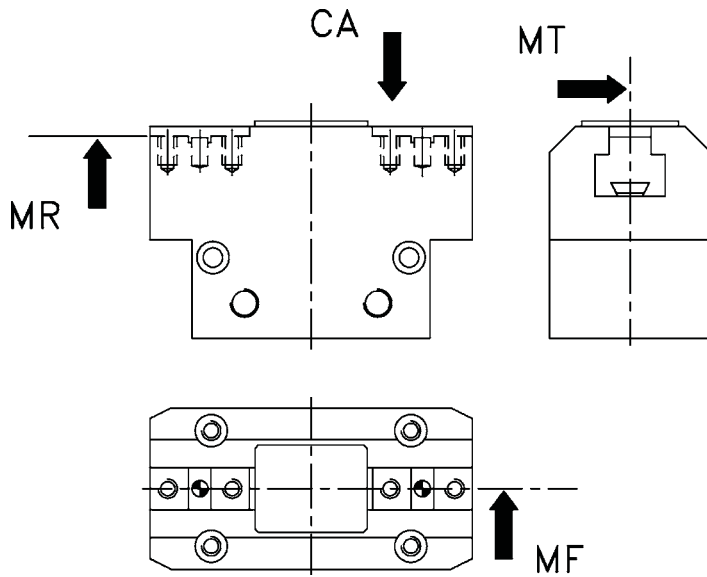
Code	A	B	C	D	E	G	H	L	M	N	P	R	S	T	U	V	Z	Y	X	W	J
30 10 10 37	100	66	44	38	13	6	32	16	20	6	M6	9.5	11	19	5	M6	6	15	6.5	10	10
30 10 10 38	125	82	56	45	14	8.5	40	20.5	24	6	M8	11	14	25	6	M8	8	15	9	12	12.5
30 10 10 39	160	100	70	56	12	9	50	25	32	8	M10	11	14	31	6	M8	10	19	9	15	17.5
30 10 10 40	180	120	76	60	14	9.5	55	27.5	36	10	M10	14	17	45	8	M10	10	20	11	16	20
30 10 10 41	200	130	80	68	18	11	62	31	40	12	M12	17	19	50	10	M12	12	24	13	20	22.5
30 10 10 42	250	164	112	90	28	17	80	41	48	12	M12	19	25	56	12	M16	16	30	17	22	25

Code	K	a	b	d	d ₁	d ₂	d ₃	d ₄	d ₅	d ₆	d ₇	d ₈	d ₉	e	f	f ₁	f ₂	h	m	n	Max fing. leng.
30 10 10 37	21	40	48	24	50	8	34	39	89	80	12	30	25	57	60	M3	1/8	15	1/8	15	60
30 10 10 38	24	52	62	27	60	8	43	44	112	100	16.5	38	30	64	68	M3	1/8	15	1/8	18	75
30 10 10 39	29	66	76	32	72	10	56	51	144	125	20	50	38	77	81	M3	1/8	18	1/8	22	80
30 10 10 40	32	72	94	38	80	12	66	62	162	140	21.5	56.5	40	94	98	M4	1/8	20	1/8	26	80
30 10 10 41	34	76	100	42	90	14	74	70	180	155	24	62	46	108	112	M5	1/8	22	1/8	30	90
30 10 10 42	50	104	124	56	120	16	88	88	224	200	33	76	55	128	136	M6	1/4	30	1/4	36	90

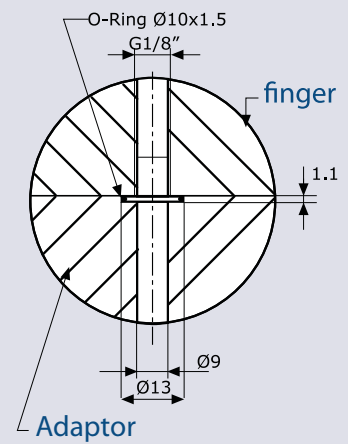
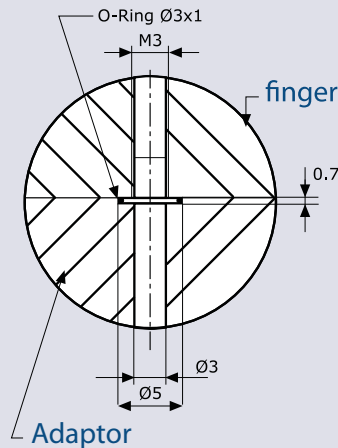
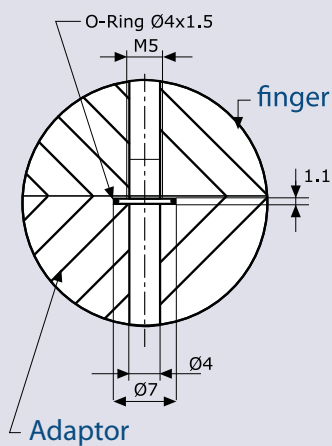
Code	r	q	AA	Stroke for jaw (mm)	Gripping force at 45 bar (N)	work piece mass (kg)	Approx time (sec)		Oil consumption for double stroke (cm ³)	Mass vice kg
							open.	clos.		
30 10 10 37	20	8.5	Ø6.5 M8	10	3010	12.2	0.3	0.35	26	1.8
30 10 10 38	25	8.5	Ø6.5 M8	13	4360	21.3	0.35	0.4	57	2.9
30 10 10 39	27	8.5	Ø6.5 M8	16	8470	33.6	0.4	0.45	101	5.4
30 10 10 40	28	8.5	M8 M12	20	10660	42.6	0.5	0.55	146	8.5
30 10 10 41	32	8.5	M8 M12	25	25410	51.4	0.65	0.75	237	11.5
30 10 10 42	48	12.5	M8 M12	30	25820	82.5	1.1	1.35	411	24.5

- Workpiece weight value at $\mu = 0.1$ e $f_s = 2$. In case of form fit clamping these values may be higher. Gripping force is an arithmetic sum of the individual forces occurring at fingers, distance 15mm at 6MPa.

MAX. ADM. FORCES AND MOMENTS OF FINGERS



Code	CA (N)	M (Nm)	MF (Nm)	MT (Nm)
30 10 10 37	2200	100	55	55
30 10 10 38	6000	105	80	70
30 10 10 39	10000	110	90	90
30 10 10 40	12000	125	110	110
30 10 10 41	15000	160	150	150
30 10 10 42	20000	300	220	220



DIRECT CONNECTION WITHOUT HOSER

