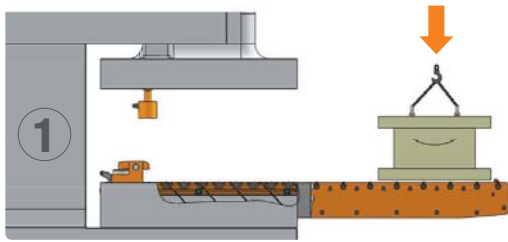


Quick Die Change System

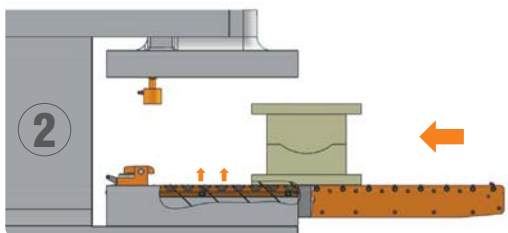
"Load the Die"

Load the die using a chain hoist or forklift. The Die Rails enable easy loading.



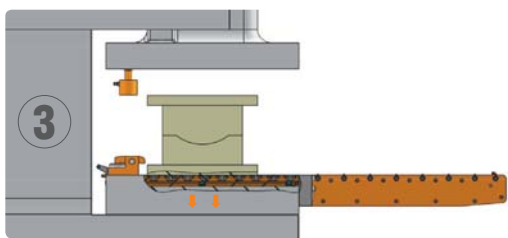
"Transfer the Die to Lower Plate (bolster)"

With the Die Rails and Die Lifters, minimal force is required to move the die. Die Lifters are set in the T - / U - slots. Die Lifter: Hydraulic Pressure **ON**



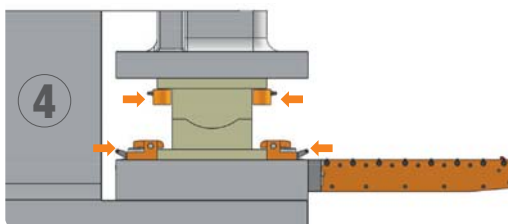
"Set the Die on the Lower Plate (bolster)"

With push-button operation (from the control unit), the Die Lifter releases and the die makes contact with the lower plate. Die Lifter: Hydraulic Pressure **OFF**



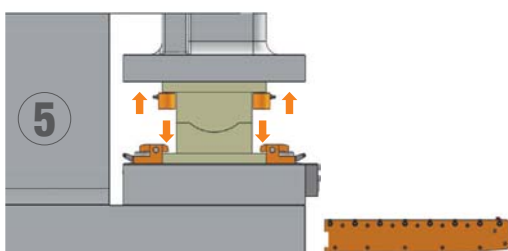
"Set the Hydraulic Clamps"

Set to clamps according to the die. Slide clamps on the T-Slot and bring them near the die. Hydraulic Clamp: Hydraulic Pressure **OFF**



"Fasten the Die"

With push-button operation (from the control unit), Hydraulic Clamps fastening / clamping the die. After safety confirmation, the Die Rails can be removed. Hydraulic Clamp: Hydraulic Pressure **ON**



Hydraulic Clamp "CA" Code: 1010-CA

Die U-Slot H₁

Hydraulic Pressure: 250 Kgf / cm²

* Please indicate the dimensions of T-Slot (a-b-c-d) and the thickness of the base for the die (H) when ordering.

Type	CA01	CA02	CA04	CA06	CA10	CA16	CA25
Capacity of Clamp	Ton 1	2	4	6	10	16	25
Total Stroke (X)	mm 6	8	8	8	8	8	8
Stroke of Clamp (Y)	mm 3	4	4	4	4	4	4
Preserved Stroke (Z)	mm 3	4	4	4	4	4	4
Total Volume of Cylinder	cc 3	7	13	21	32	54	76

Order Code	Ø F	E	Ø G	Ø J	H+d Max.	L Max.	a Min.	K	P
1010-CA01	44	48	12	30	60	12	8	9.5	PT 1/8
1010-CA02	53	52	16	48	80	17	12	12	PT 1/8
1010-CA04	65	58	23	58	90	20	16	15	PT 1/4
1010-CA06	82	65	30	64	100	25	18	15	PT 1/4
1010-CA10	99	71	38	78	110	30	22	15	PT 1/4
1010-CA16	126	82	45	88	120	38	28	17	PT 1/4
1010-CA25	150	100	55	98	140	45	36	23	PT 1/4

- The dimensions of clamps A, B and C are made based on the dimension of T-Slot.
- If the thickness of clamp "H+d" is more than the max. value listed on the table, it will be regarded as special design.

Standard Temp.: 60°
Optional Temp.: 160°

Hydraulic Clamp "CV" Code: 1010-CV

Distance Fixing Screw

Hydraulic Pressure: 250 Kgf / cm²

Standard Temp.: 60°
Optional Temp.: 160°

Type	CV04	CV06	CV10
Capacity of Clamp	Ton 4	6	10
Total Stroke (X)	mm 8	8	8
Stroke of Clamp (Y)	mm 4	4	4
Preserved Stroke (Z)	mm 4	4	4
Total Volume of Cylinder	cc 13	21	32

- Distance adjustment with fixing screw.
- Preserved Stroke (Z) must be checked when changing the settings.

Order Code	T-Slot a	A	B	C	D	E+K1	Adjusting Distance	F	L Max.	M	Ø G	Ø J
1010-CV04.20125	20	19.6	32	12	85	70	15	65	125	M20	20	58
1010-CV04.20160	20	19.6	32	12	110	70	40	65	160	M20	20	58
1010-CV04.22125	22	21.6	35	14	85	70	15	65	125	M20	20	58
1010-CV04.22160	22	21.6	35	14	110	70	40	65	160	M20	20	58
1010-CV06.24125	24	23.6	40	16	85	77	8	82	125	M24	24	64
1010-CV06.24160	24	23.6	40	16	110	77	33	82	160	M24	24	64
1010-CV06.28125	28	27.6	44	18	85	77	8	82	125	M24	24	64
1010-CV06.28160	28	27.6	44	18	110	77	33	82	160	M24	24	64
1010-CV10.27160	27	26.6	46	18	110	83	27	99	160	M27	27	78
1010-CV10.27200	27	26.6	46	18	125	83	42	99	200	M27	27	78
1010-CV10.32160	32	31.6	50	20	110	83	27	99	160	M27	27	78
1010-CV10.32200	32	31.6	50	20	125	83	42	99	200	M27	27	78