

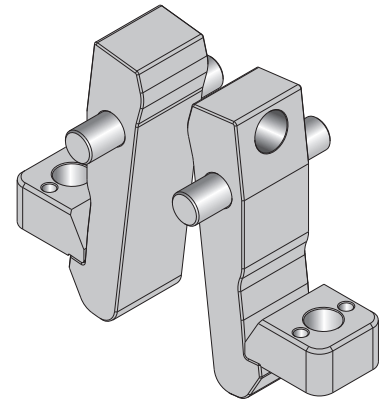
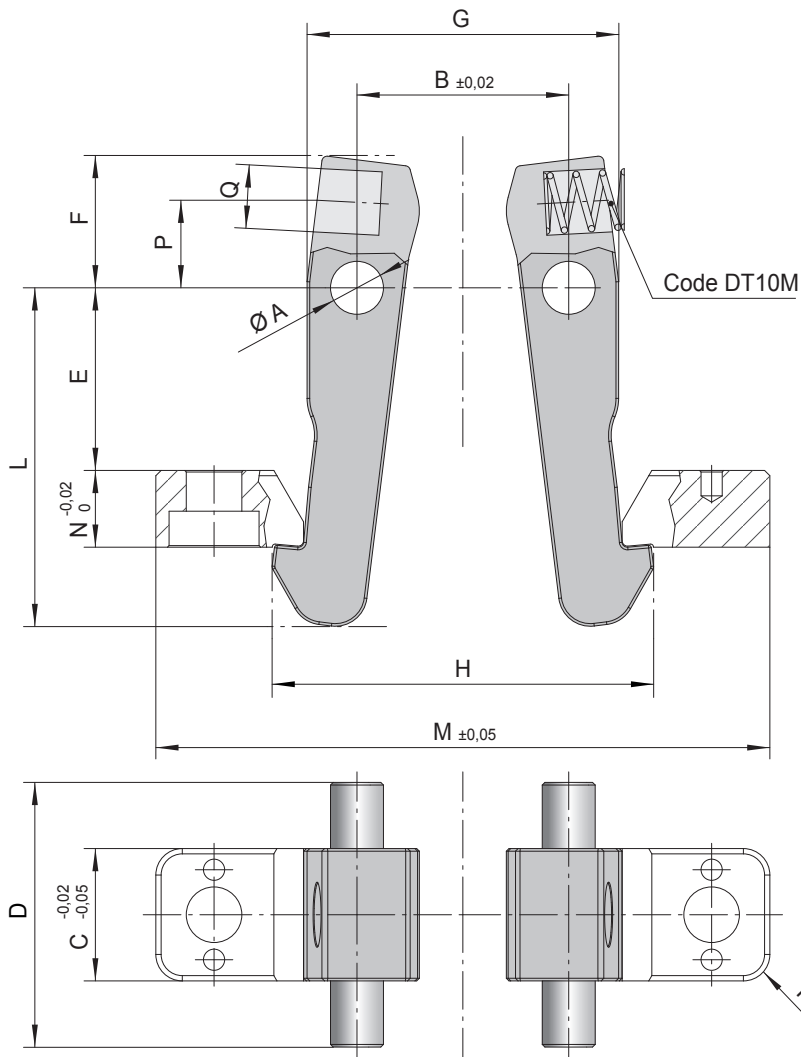
PLATE LOCKS DEVICE DT



CHARACTERISTICS

1. HIGH LOAD CAPACITY;
2. EASY INSTALLATION WITH ONLY A SMALL AMOUNT OF MACHINING;
3. DOUBLE EJECTION APPLICATION;
4. THREE PLATES APPLICATION.

PLATE LOCKS LEVERS DT

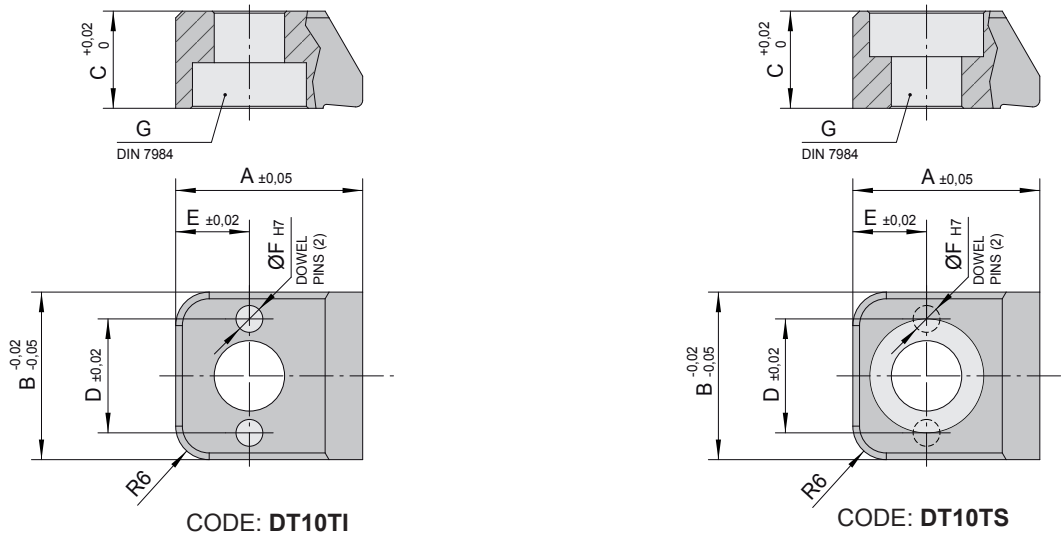


CODE	A	B	C	D	E	F	G	H	L	M	N	P	Q
DT10L	10	40	25	50	34,5	25	59	72,5	64	116	14,5	15,5	12

Mat.: 1.2311 Carbon steel. Hardness: 540 HRV
 Carbonitrided depth 0,5mm

Lock blocks DT

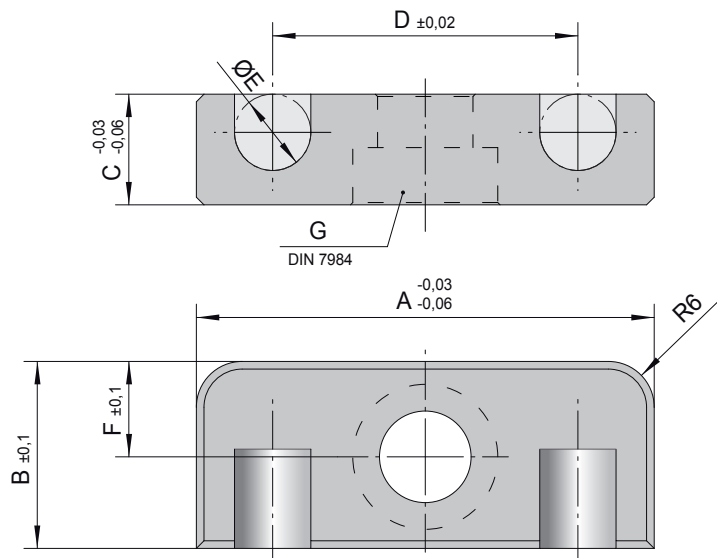
Plate sequence control



CODE	A	B	C	D	E	F	G
DT10TI	27,9	25	14,5	17	11	4	M10
DT10TS	27,9	25	14,5	17	11	4	M10

Mat.: 1.2311. Carbon steel. Hardness: 540 HRV
Carbonitrided depth 0,5mm

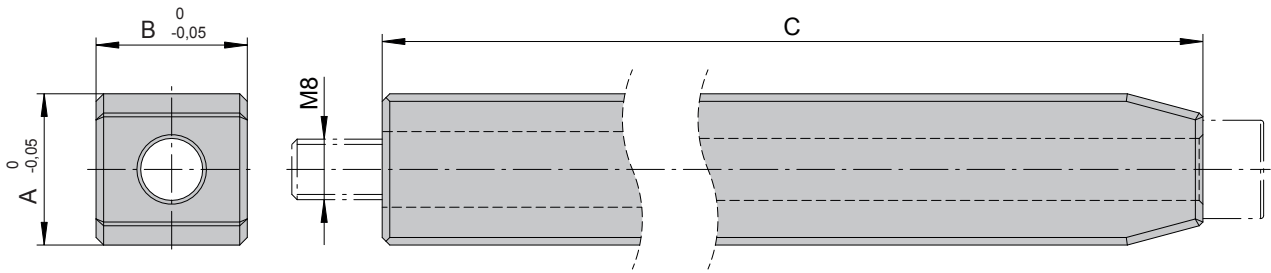
Dowels holding plate DT



CODE	A	B	C	D	E	F	G
DT10PS	60	24,5	14,5	40	10	12,5	M12

Mat.: 1.1730 Carbon steel. Hardness: 540 HRV
Nitrided depth 0,3mm

Release rod DT

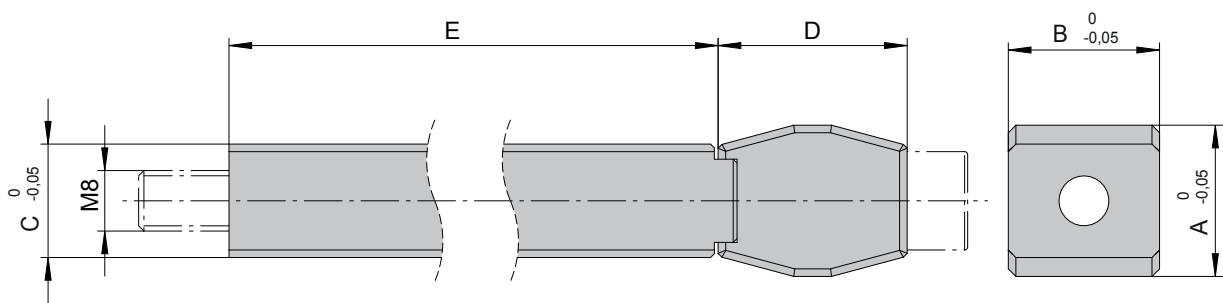


CODE	A	B	C
DT10P	20	20	200

Mat.: 1.7225. Hardness: 670 HV05
Nitrided depth 0,3mm

TOOLS

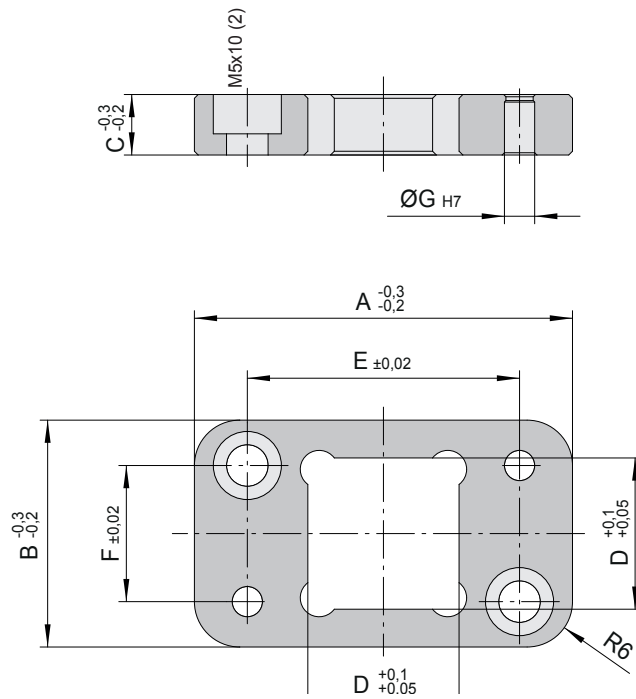
Double taper release rod DT



CODE	A	B	C	D	E
DT10PDC	20	20	15	25	150

Mat.: 1.7225. Hardness: 670 HV05
Nitrided depth 0,3mm

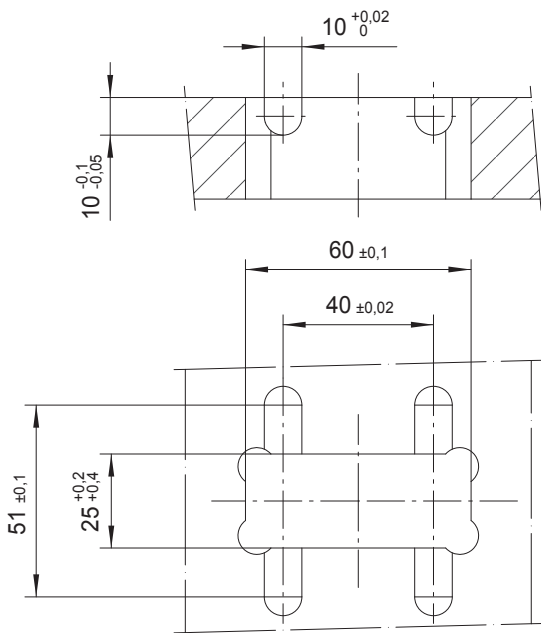
Guiding plate for release rod DT



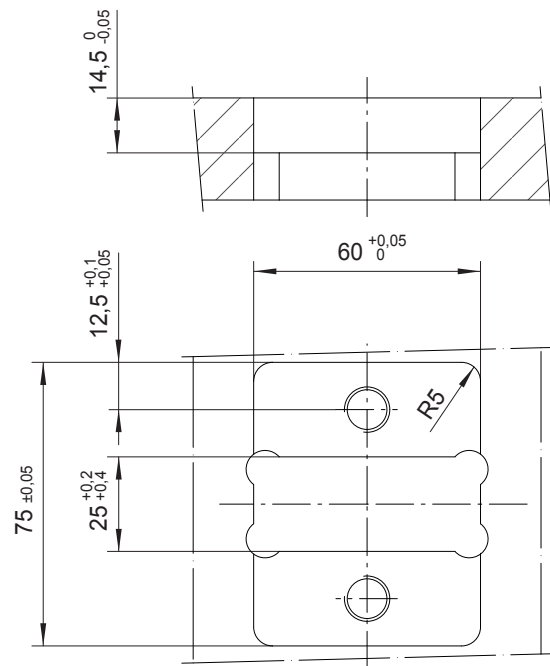
CODE	A	B	C	D	E	F	G
DT10GP	50	30	8	20	36	18	4

Mat.: 1.1730 Carbon steel. Hardness: 540 HRV
 Nitrided depth 0,3mm

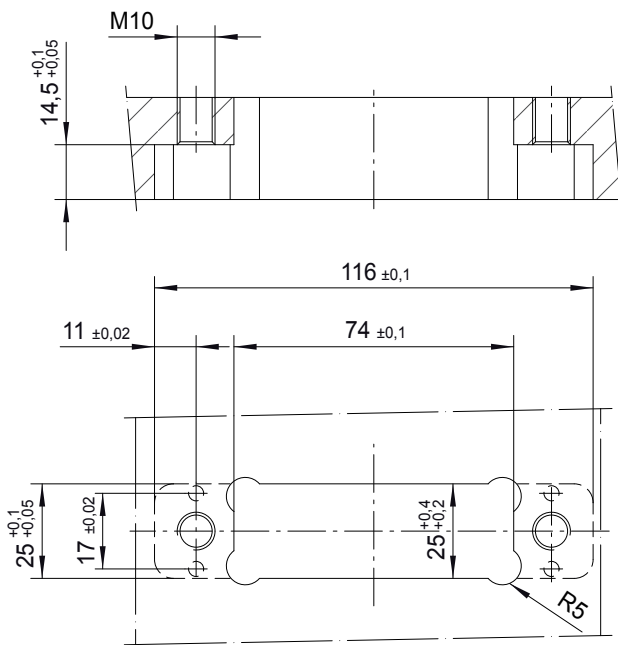
Technical notes



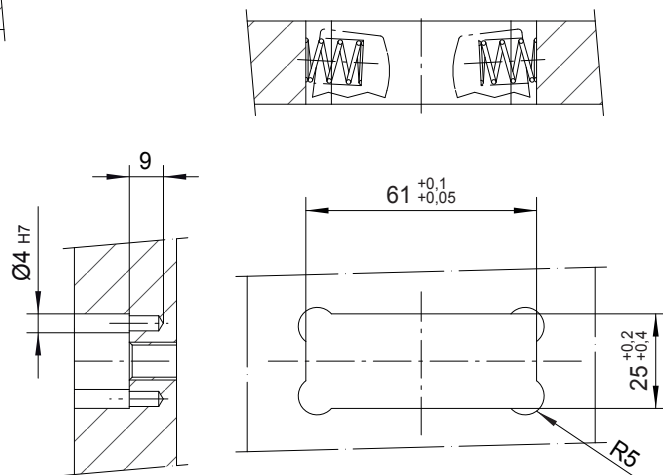
- Suggested seat machining for application without dowels holding plate.



- Suggested seat machining for application with dowels holding plate.

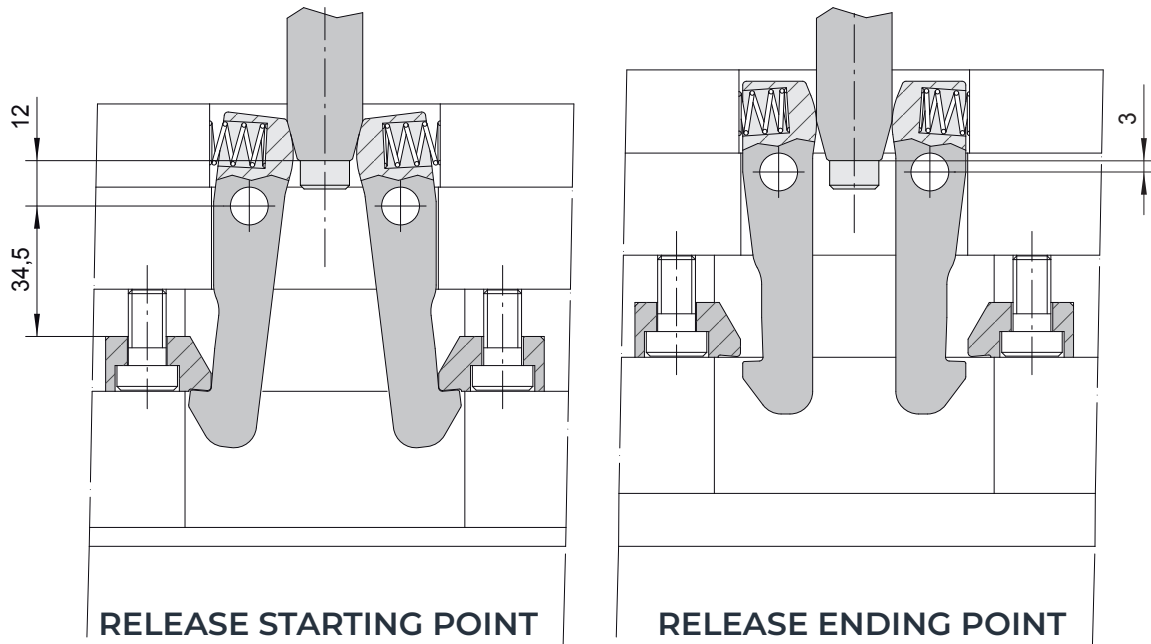


- Seat dimensions for lock blocks application.



- Seat dimensions for proper spring load.

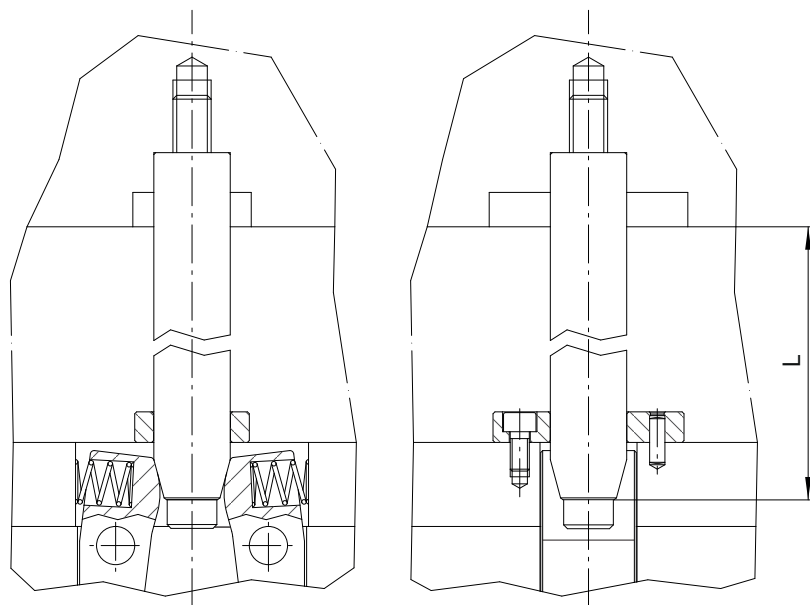
Minimum stroke



- In order to guarantee a complete release of the system a minimum 9 mm stroke is needed.
- Insert the proper recovery springs during assembly.

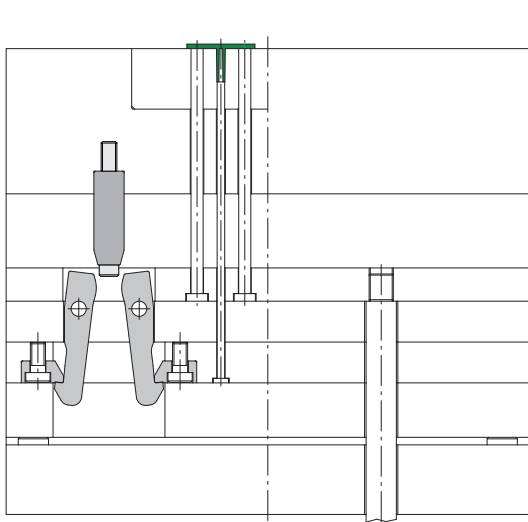
APPLICATIONS

Guiding plate for release rod DT



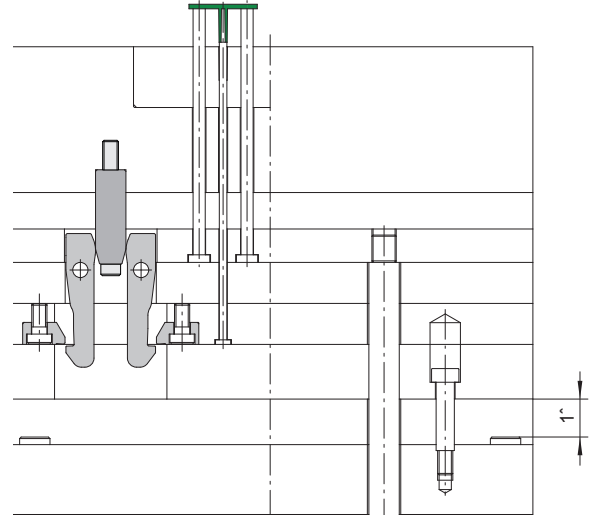
- In case of applications where the release rod DT10P protrudes for more than 50mm we advise to apply the guiding plate DT10GP in order to guarantee a correct alignment of the rod with the levers.

Double ejection application



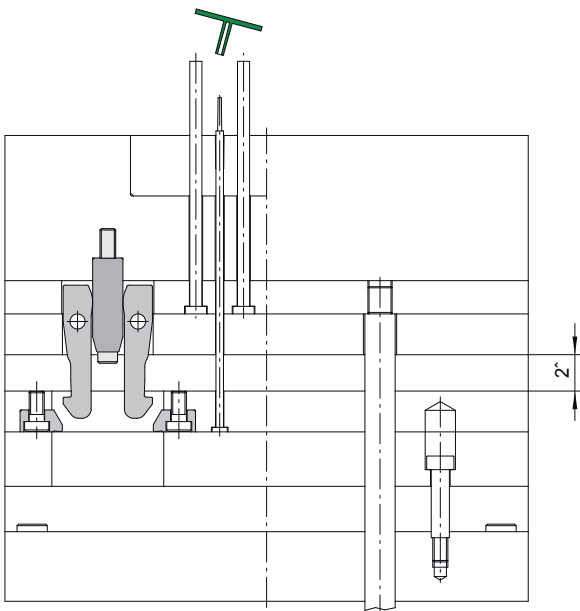
STARTING POSITION

- DT system held closed the ejector plates



FIRST STROKE

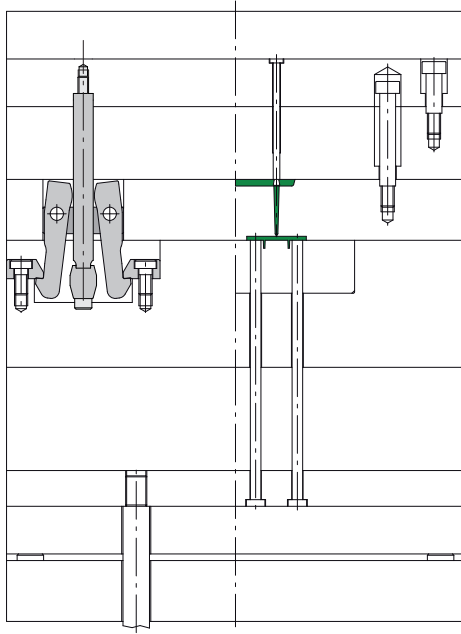
- The ejector plates perform the first stroke coupled till the releasing of the system DT



SECOND STROKE

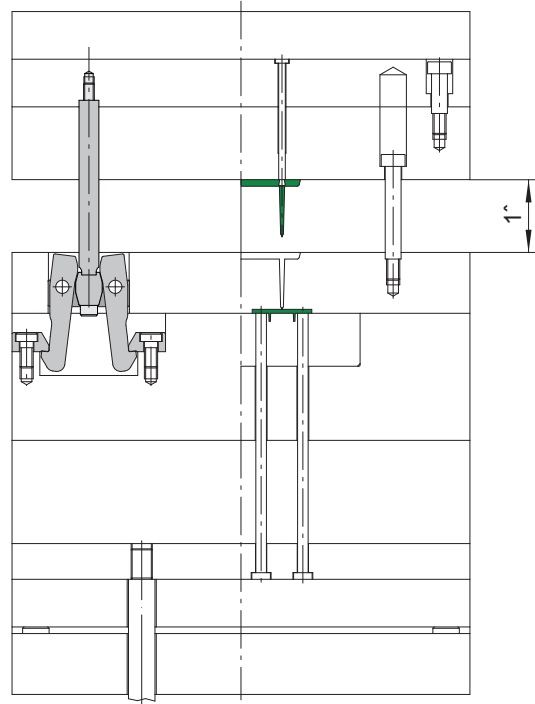
- After DT system release the upper ejector plate performs the second stroke

Three plates application



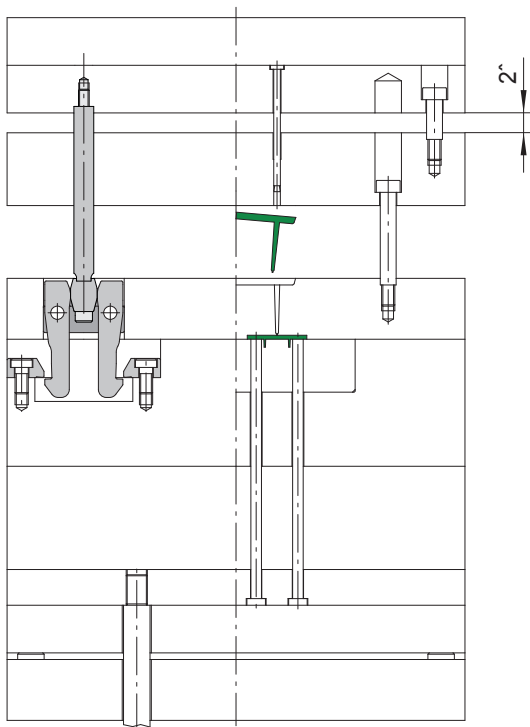
STARTING POSITION

- DT system connects core and cavity side



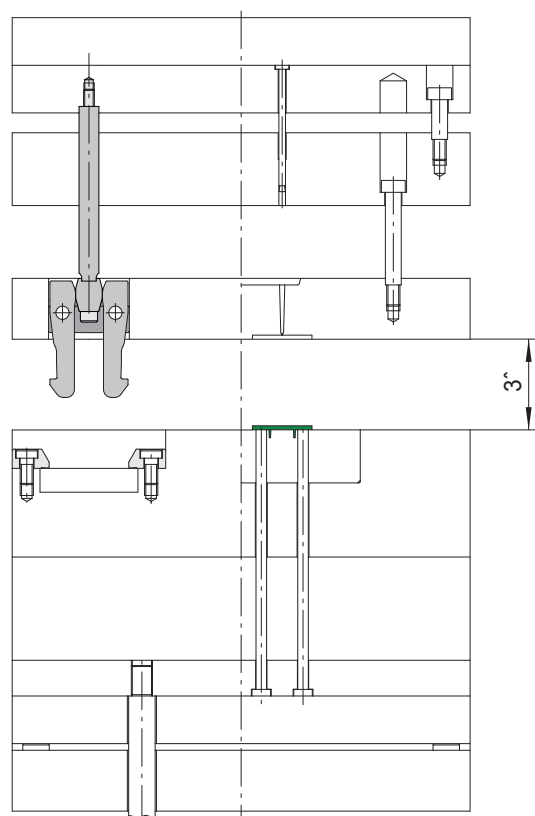
FIRST STROKE

- Parting of the runner system from injected part



SECOND STROKE

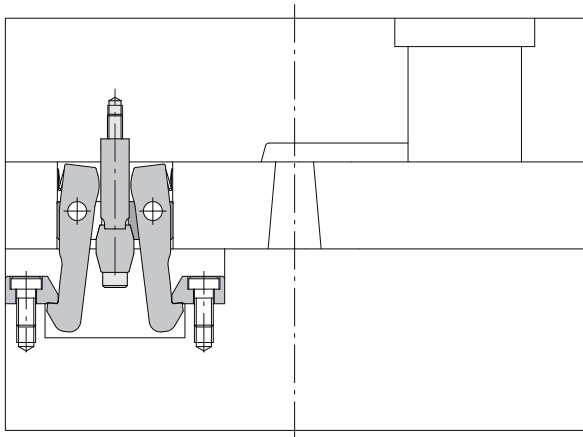
- runner system ejection



THIRD STROKE

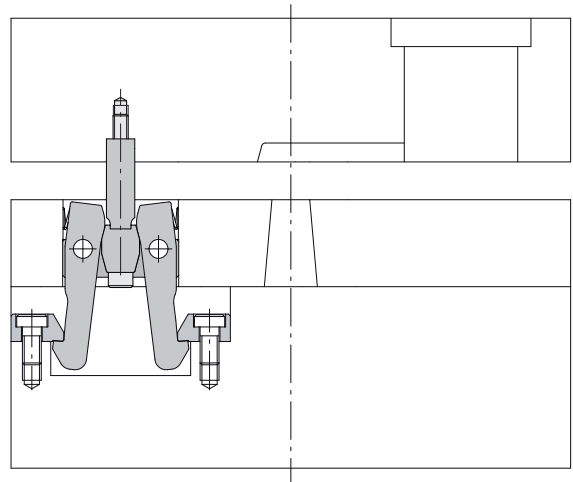
- DT system release with opening of cavity-core parting line

Die casting application



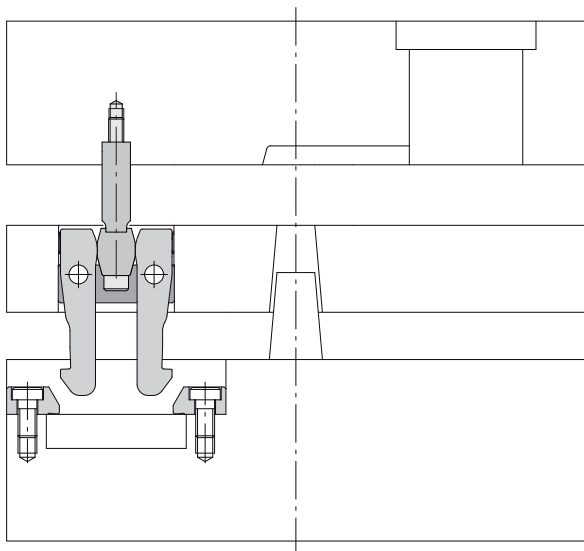
STARTING POSITION

- DT system connects core and cavity sides



FIRST STROKE

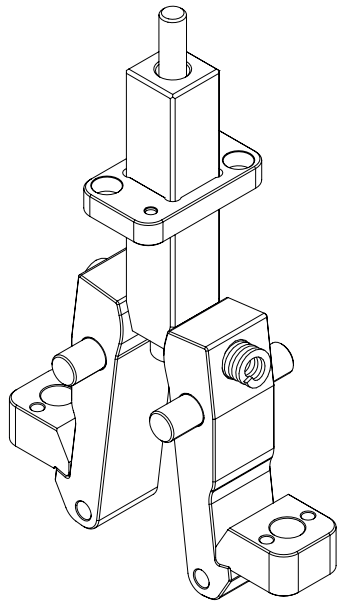
- parting of the sprue from runner system



SECON STROKE

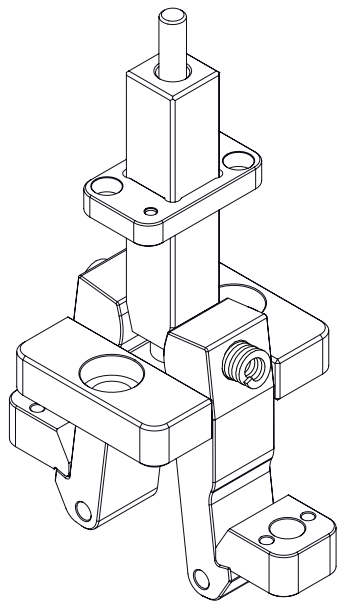
- DT system release with opening of cavity - core parting line

DT plate locks kit



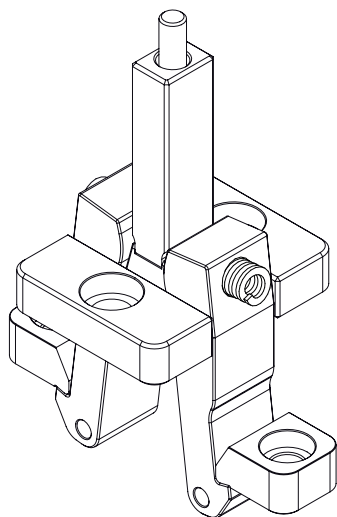
CODE KIT	CODE	COMPONENTS
DT10K1	DT10L	PLATE LOCKS LEVERS DT (2)
	DT10TI	LOCKS BLOCKS DT (2)
	DT10P	RELEASE ROD DT
	DT10GP	GUIDING PLATE FOR RELEASE ROD DT

Kit includes: dowel pins Ø10x50 (2) - fixing screws M10x20 DIN 7984 (2) - dowel pins Ø4x10 (4) - recovery springs (2)



CODE KIT	CODE	COMPONENTS
DT10K2	DT10L	PLATE LOCKS LEVERS DT (2)
	DT10TI	LOCKS BLOCKS DT (2)
	DT10PS	DOWELS HOLDING PLATE DT (2)
	DT10P	RELEASE ROD DT
	DT10GP	GUIDING PLATE FOR RELEASE ROD DT

Kit includes: dowel pins Ø10x50 (2) - fixing screws M10x20 DIN 7984 (2) - dowel pins Ø4x10 (4) - fixing screws M12x25 DIN 7984 (2) - recovery springs (2)



CODE KIT	CODE	COMPONENTS
DT10K3	DT10L	PLATE LOCKS LEVERS DT (2)
	DT10TS	LOCKS BLOCKS DT (2)
	DT10PS	DOWELS HOLDING PLATE DT (2)
	DT10PDL	DOUBLE TAPER RELEASE ROD DT

Kit includes: dowel pins Ø10x50 (2) - fixing screws M10x20 DIN 7984 (2) - dowel pins Ø4x10 (4) - fixing screws M12x25 DIN 7984 (2) - recovery springs (2)