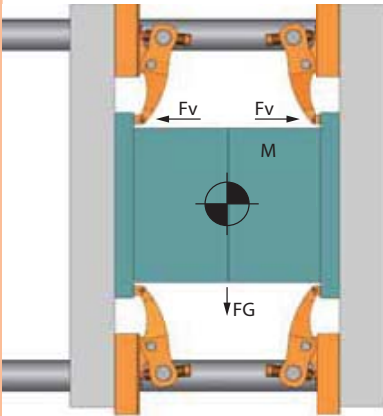


Clamping Templates



For Injection Moulds:

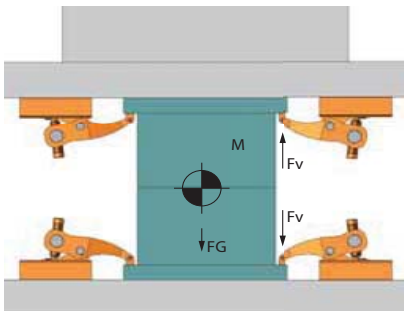
Formula Calculator

$$\frac{M \times FG}{1000} = \text{kN} \quad \frac{2500 \times 9.81}{1000} = 24.52 \text{ kN}$$

$$\frac{\text{kN}}{\mu} = \text{Result} \quad \frac{24.52}{0.14} = 175.14 \text{ kN}$$

$$\frac{\text{Result}}{Fv} = \text{Number of Clamp} \quad \frac{175.14 \text{ kN}}{25 \text{ kN}} = 7 \text{ Clamp}$$

Use 8 pcs.



For Press Dies:

Formula Calculator

$$\frac{M \times FG}{1000} = \text{kN} \quad \frac{5000 \times 9.81}{1000} = 49.050 \text{ kN}$$

$$\frac{\text{kN}}{\mu} = \text{Result}$$

(Upper Die 60%) 0.14 (60% Upper Die = 210.21)
(Lower Die 40%) (40% Lower Die = 140.14)

$$\frac{\text{Result}}{Fv} = \text{Number of Clamp}$$

(Upper Die) 210.21 kN = 8 Number of Clamp
(Upper Die) 25 kN

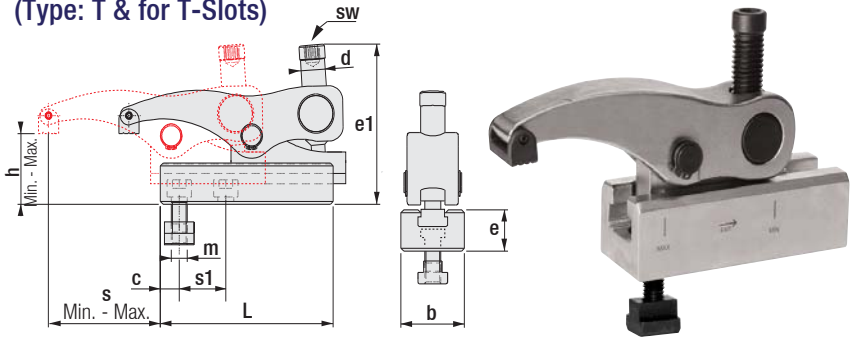
$$\frac{\text{Result}}{Fv} = \text{Number of Clamp}$$

(Lower Die) 140.14 kN = 5.6 Clamp
(Lower Die) 25 kN

Use 6 pcs.

Combined Power Sliding Clamp (Type: T & for T-Slots)

Code: 1120 / 1130 / 1150 / 1160 - T



Area of Usage:

Injection machines, presses, milling machines, drilling machines and various industrial machines.

Code: 1120 - T / Standard Type (t-slot: 14-16-18)

- * M12 hex-socket screw is used with DIN 508 T-Nut.
- * Height Clamping Gap of Part: 0 - 50 mm
- * Back and Forth Movement Distance: 54 mm
- * Clamping Force: 1600 Kgf

Code: 1130 - T / Standard Type (t-slot: 14-16-18-20-22)

- * M12 hex-socket screw is used with DIN 508 T-Nut.
- * Height Clamping Gap of Part: 0 - 60 mm
- * Back and Forth Movement Distance: 68 mm
- * Clamping Force: 2000 Kgf

Code: 1150 - T / Heavy Duty Type (t-slot: 18-20-22-24-28)

- * M16 hex-socket screw is used with DIN 508 T-Nut.
- * Height Clamping Gap of Part: 0 - 65 mm
- * Back and Forth Movement Distance: 78 mm
- * Clamping Force: 2500 Kgf

Code: 1160 - T / Heavy Duty Type (t-slot: 22-24-28-36)

- * M20-24 hex-socket screw is used with DIN 508 T-Nut.
- * Height Clamping Gap of Part: 20 - 80 mm
- * Back and Forth Movement Distance: 75 mm
- * Clamping Force: 5500 Kgf

Order Code	T-Slot a	m	h	s	s1	e1	d	sw	L	e	b	c	Weight (g)
1120-014-T	14	M12	Min. - Max. 0 - 50	12 - 66	25	100	M14	8	104	35.5	38	13	1740
1120-016-T	16												1755
1120-018-T	18												1785
1130-014-T	14	M12	Min. - Max. 0 - 60	15 - 83	30	113	M18	10	130	39	48	17.5	3040
1130-016-T	16												3055
1130-018-T	18												3085
1130-020-T	20												3135
1130-022-T	22												3150

Heavy Duty Types

1150-118-T	18	M16	Min. - Max. 0 - 65	18 - 96	35	125	M20	12	140	43	55	19.5	4410
1150-120-T	20												4460
1150-122-T	22												4515
1150-124-T	24												4620
1150-128-T	28												4725
1160-222-T	22	M20	Min. - Max. 20 - 80	17 - 92	41.5	175	M24	12	178	55	74	24	9030
1160-224-T	24												9120
1160-228-T	28												9180
1160-236-T	36												9600

Position and fasten carrier component on the tool table.



Push the base component into the desired position on the carrier component.



Adjust the height of the bar with the adjusting screw and clamp the workpiece.



The powerful design enables rapid and easy clamping.

