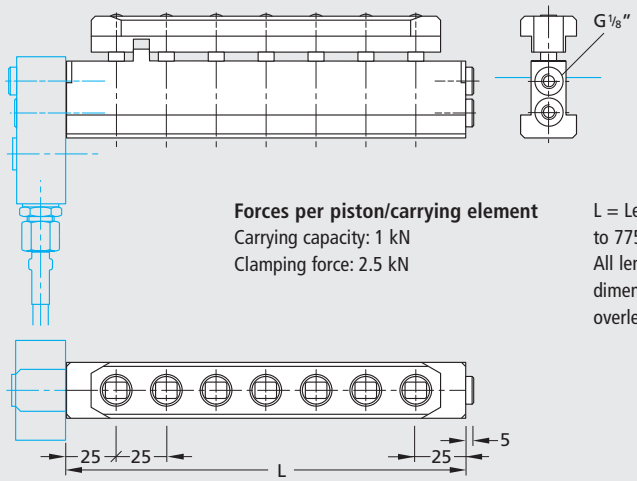
DILOS SLIPGRIP

THE TIME-SAVING DOUBLE-T-LEDGE CLAMP

DILOS SlipGrip for T-slot 18

SlipGrip double-T-ledge clamp SGR18H... for T-slot 18

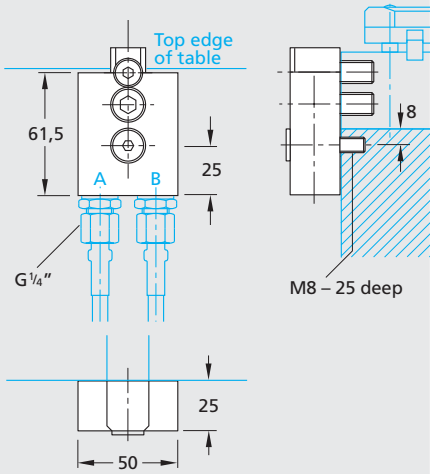


Forces per piston/carrying element
Carrying capacity: 1 kN
Clamping force: 2.5 kN

L = Length: from 100 mm (3 pistons) to 775 mm (30 pistons)
All lengths divisible in modular dimension available, overlengths on request

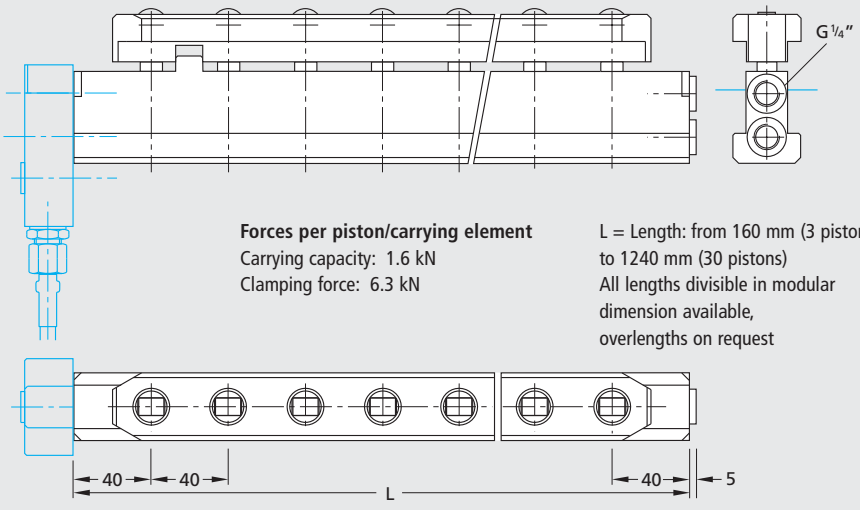
Shown with fixing block

SlipGrip fixing block SGF18



DILOS SlipGrip for T-slot 22

SlipGrip double-T-ledge clamp SGR22H... for T-slot 22

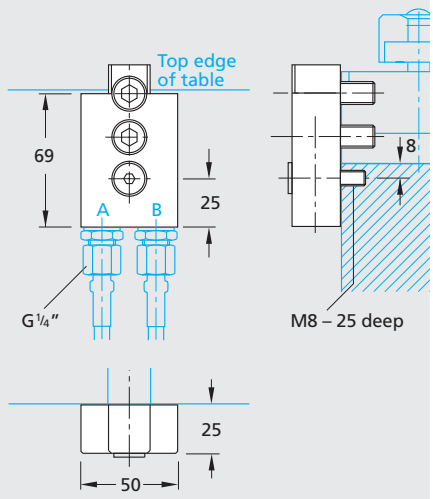


Forces per piston/carrying element
Carrying capacity: 1.6 kN
Clamping force: 6.3 kN

L = Length: from 160 mm (3 pistons) to 1240 mm (30 pistons)
All lengths divisible in modular dimension available, overlengths on request

Shown with fixing block

SlipGrip fixing block SGF22

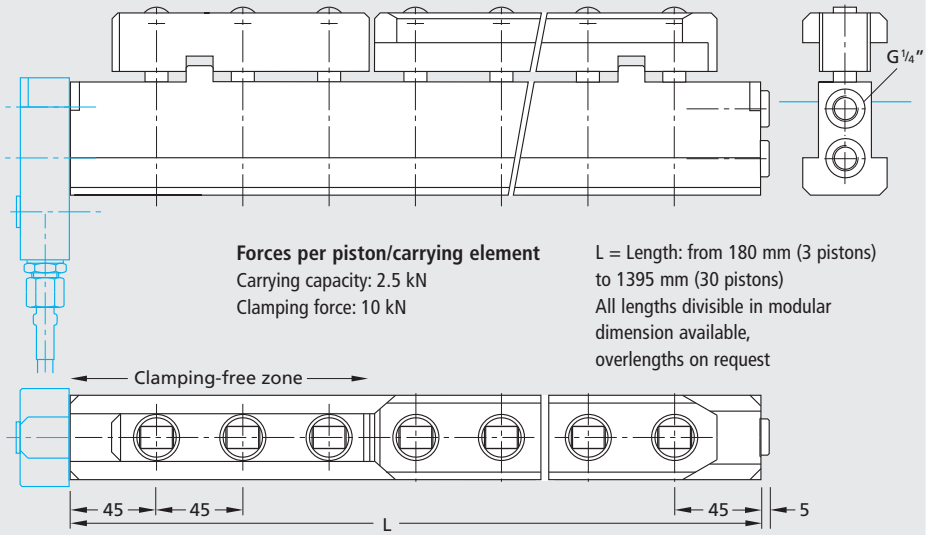


GÜTHLE
DILOS

THE FULL PROGRAMME FOR T-SLOTS PER DIN 650

DILOS SlipGrip for T-slot 28 Application example: for clamping-free overtravel zone

SlipGrip double-T-ledge clamp SGR28H... for T-slot 28

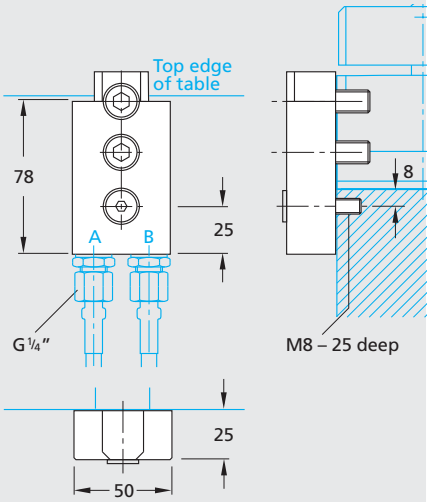


Forces per piston/carrying element
Carrying capacity: 2.5 kN
Clamping force: 10 kN

L = Length: from 180 mm (3 pistons) to 1395 mm (30 pistons)
All lengths divisible in modular dimension available, overlengths on request

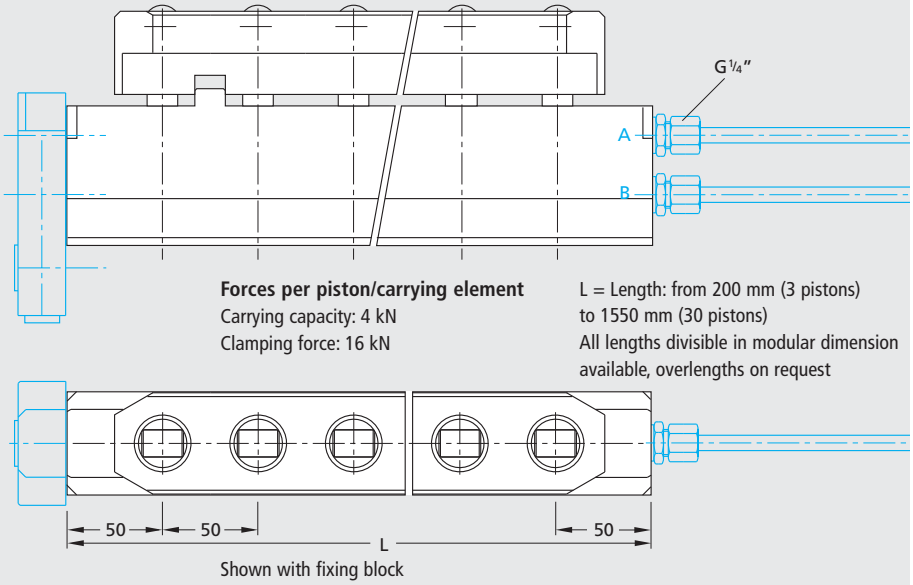
Shown with fixing block

SlipGrip fixing block SGF28



DILOS SlipGrip for T-slot 36 Application example: for rear connection

SlipGrip double-T-ledge clamp SGR36H... for T-slot 36

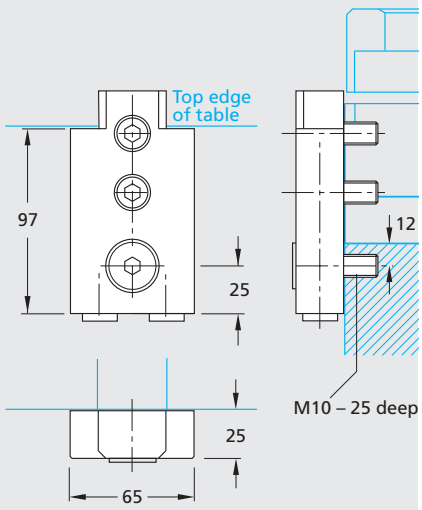


Forces per piston/carrying element
Carrying capacity: 4 kN
Clamping force: 16 kN

L = Length: from 200 mm (3 pistons) to 1550 mm (30 pistons)
All lengths divisible in modular dimension available, overlengths on request

Shown with fixing block

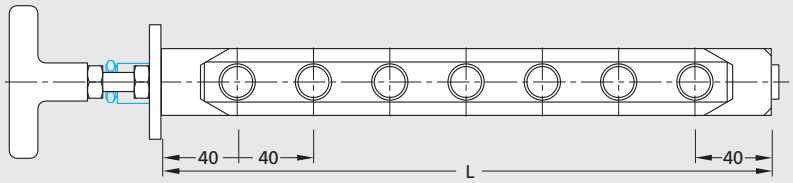
SlipGrip fixing block SGF36



DILOS SLIPGRIP
FOR RAM PLATES

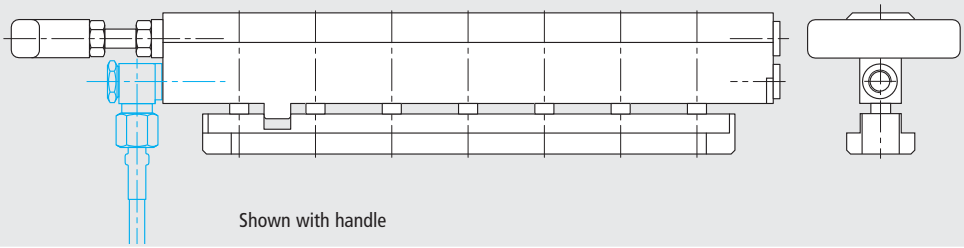
DILOS SlipGrip – Application for ram

SlipGrip double-T-ledge clamp SGS22F... Example for T-slot 22 with handle and detachable stop, without carrying elements



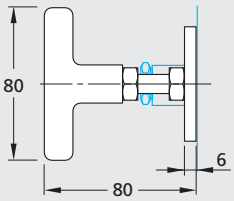
Forces per piston
Clamping force: 6.3 kN

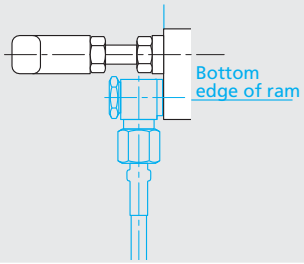
L = Length: from 160 mm (3 pistons) to 1240 mm (30 pistons)
All lengths divisible in modular dimension available, overlengths on request



Shown with handle

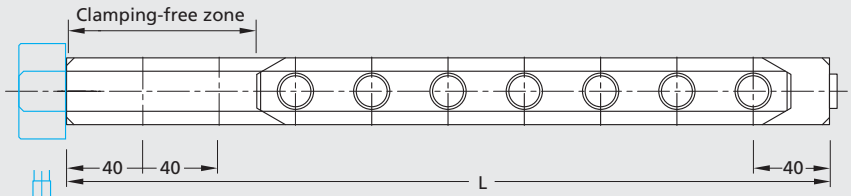
SlipGrip handle to size 28





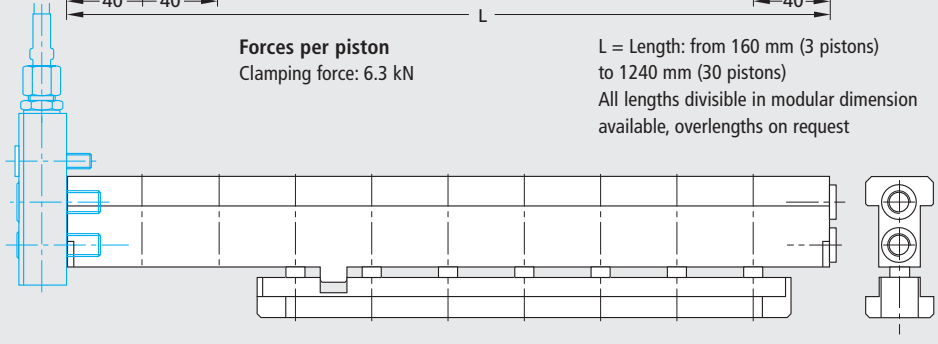
DILOS SlipGrip – Application for ram

SlipGrip double-T-ledge clamp SGS22F... Example for T-slot 22, with spring return, for exactly positionable ram with clamping-free zone through shortened ledge clamp



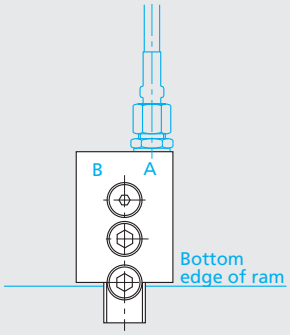
Forces per piston
Clamping force: 6.3 kN

L = Length: from 160 mm (3 pistons) to 1240 mm (30 pistons)
All lengths divisible in modular dimension available, overlengths on request



Shown with fixing block

Shown with fixing block

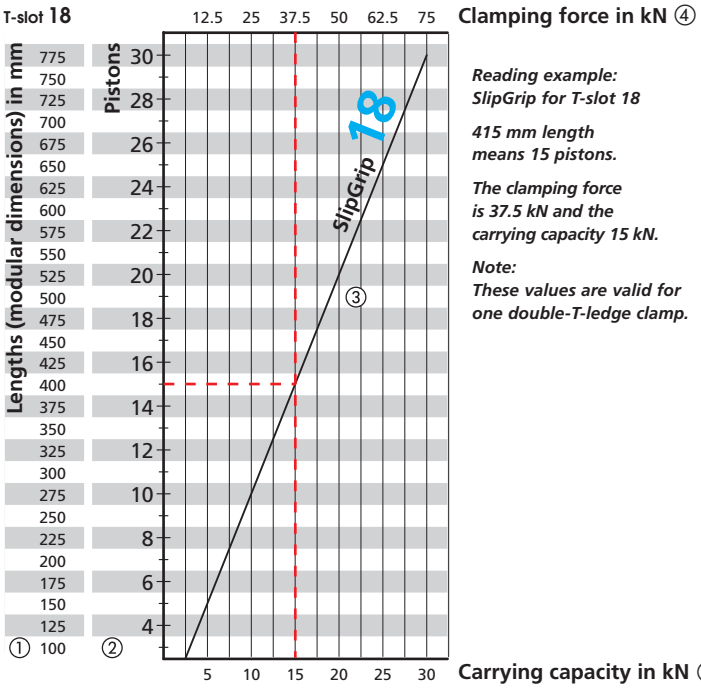


GÜTHLE

DILOS

DILOS SLIPGRIP

CARRYING CAPACITY AND CLAMPING FORCE RISE WITH LENGTH



Reading example:
SlipGrip for T-slot 18

415 mm length means 15 pistons.

The clamping force is 37.5 kN and the carrying capacity 15 kN.

Note:
These values are valid for one double-T-ledge clamp.

SlipGrip dimensioning

Determining the necessary carrying capacity and clamping force

The carrying capacity and clamping force are based on the die dimensions (in slide direction).

The spacing between the hydraulic pistons defines the modular dimensions ①. The concrete die dimensions are generally assigned to the next lower modular dimension (rounded down). The number of pistons can be read in the adjacent column ②.

The point of intersection with the SlipGrip characteristic ③ represents the necessary clamping force ④ and carrying capacity ⑤.

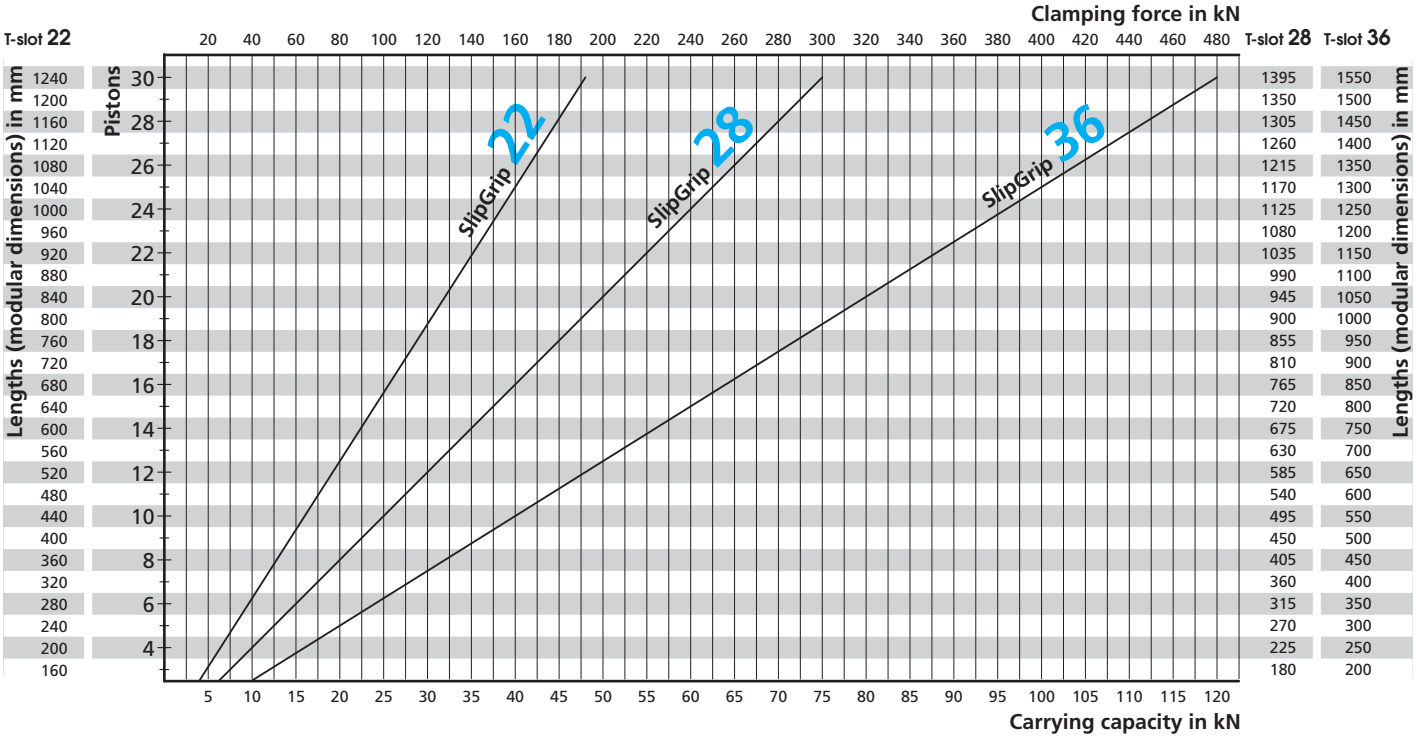
If necessary, the number of SlipGrip ledge clamps must be increased or, if possible, a larger version selected.

SlipGrip length

The length of the SlipGrip elements is usually based (table-flush dies) on the die dimension in slide direction). For this, this dimension is rounded down to the next modular dimension ①.

For clamping-free overtravel zone

To determine the number of clamping-free pistons (only carrying), the length of the overtravel zone is also rounded down to the next lower modular dimension ①.



The guide to simple and exact

➔ORDER DESIGNATIONS

FOR DILOS SLIPGRIP

Essential order information

Additional information

Order example:	SG	R	28	H	00	P	000	/	000	W	000	/	000	B	00
	Double-T-ledge clamp	Function	T-slot/Format	Type of actuation	Length	Press slot dimension s1		Press slot dimension h1		Die slot dimension s2		Die slot dimension h2		Mounting/Connection	Clamp.-free overtravel zone

00 Number of empty positions

B With fixing block
S Without fixing block
H With handle (only SGS…F…)

000 Exact details (1/10 mm)

000 Exact details (1/10 mm)

000 Exact details (1/10 mm)

000 Exact details (1/10 mm)

00 Number of pistons/modular dimension (incl. any empty positions)

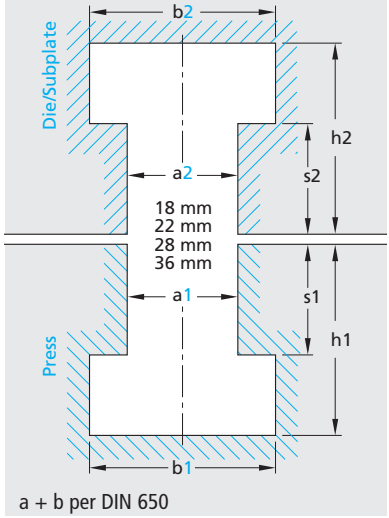
H Hydraulic clamping and releasing
F Hydraulic clamping, releasing with spring (only SGS…F…)

18 mm slot width
22 mm slot width
28 mm slot width
36 mm slot width

R Carrying and clamping
S Clamping

SG SlipGrip

Slot dimensions



a + b per DIN 650

Inquiry example

All actual slot dimensions (s1, s2, h1, h2) available must be specified in an inquiry.