



ROEMHELD
HILMA ■ STARK

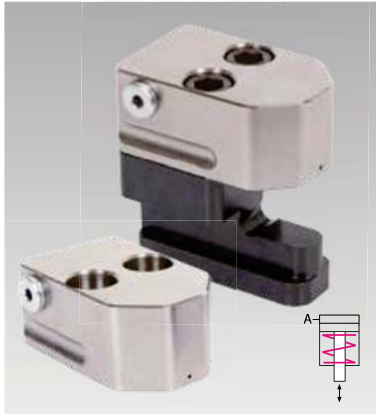
Issue 9-17 E

WZ 3.2202

Sliding Clamps compact

single acting, with spring return

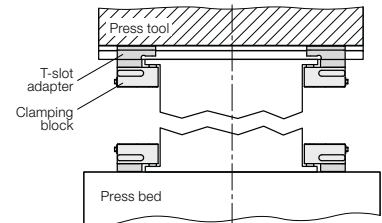
max. operating pressure 400 bar, clamping force from 19 kN to 78 kN



Advantages

- High clamping force in combination with small size and low weight
- Ergonomic T-slot adapter for easy insertion
- High-quality surface protection on the clamping block
- Clamping block rounded and thus optimum adaptation in narrow construction spaces
- Safe handling by special recessed grip
- T-slot 14, 18, 22 and 28 mm are available
- Total stroke 8 and 12 mm
- Die standardisation with regard to the width and depth is not required
- Easy to retrofit

Installation option



Application

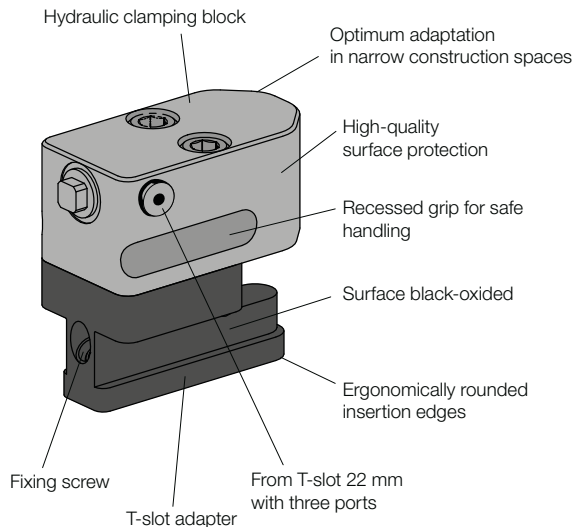
The "compact" sliding clamp is a hydraulic clamping element, used with minimum space requirements for clamping and locking on machines and plants, on press bed and ram. Due to the manageable and rounded design, "compact" sliding clamps are especially suitable where space is limited as, for example, on high-speed punching presses. The use is possible at ambient temperatures up to a maximum of 120 °C.

Description

Manual positioning of the sliding clamp in the T-slots of the press ram or bed. Clamping on the die clamping edge by the application of hydraulic pressure to the piston and unclamping by spring force.

The "compact" sliding clamp consists of a hydraulic clamping block which will be fixed with two screws to a T-slot adapter.

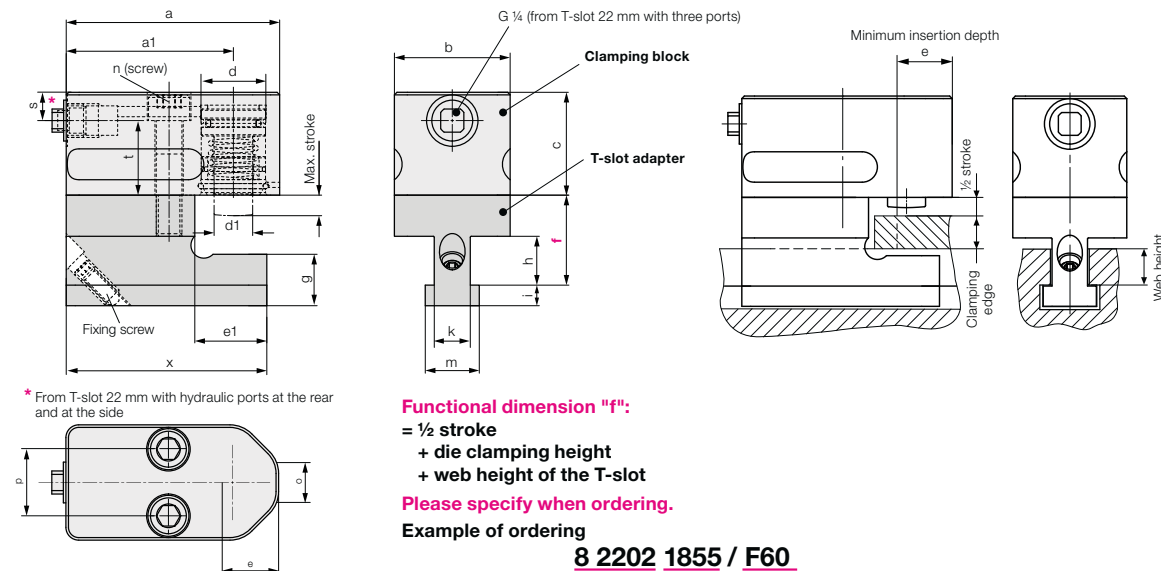
The clamping block can also be directly screwed without T-slot adapter and can be ordered separately.



Technical data Dimensions

Sliding clamp compact

Hydraulic sliding clamp complete, with T-slot adapter



Sliding clamp
Clamping force: 19.6 kN

T-slot
18 mm

Functional dimension "f" [mm]
Please specify when ordering

T-slot as per DIN 650	[mm]	14	18	22	22	28	28
Clamping force at 400 bar	[kN]	19.6	19.6	32	50	50	78
Stroke	[mm]	8	8	8	8	8	12
Oil volume	[cm³]	4	4	7	10	10	24
Dimension "f" min.	[mm]	30	41	50	50	55	60
Dimension "f" max.	[mm]	75	90	106	106	112	117
a	[mm]	83	83	104	111	111	132
a1	[mm]	65	65	81	85	85	99
b	[mm]	45	45	65	65	65	80
c	[mm]	40	40	47	50	50	75
d	[mm]	25	25	32	40	40	50
d1	[mm]	15	15	15	20	20	25
e (min. insertion depth)	[mm]	22	22	28	31	31	38
e1	[mm]	28	33	41	48	48	60
g	[mm]	20	24	32	32	42	42
h	[mm]	19	25	30	30	37	37
i	[mm]	8	10	14	14	18	18
k	[mm]	14	18	22	22	28	28
m	[mm]	21	28	35	35	44	44
n (screw DIN 912, 10.9)		M10	M10	M16	M16	M16	M20
o	[mm]	18	18	20	20	20	28
p	[mm]	26	26	36	36	36	43
r	[mm]	40	40	50	50	50	57
s	[mm]	11	11	12	12	12	17.5
t	[mm]	29	29	29	32	32	53
x	[mm]	78	83	104	104	104	132
Clamping block with T-slot adapter							
Weight	[kg]	1.5	2.9	3.6	3.9	4.5	7.5
Part no.		822021455	822021855	822032255	822042255	822042855	822052855
Clamping block, separate							
Weight	[kg]	0.7	0.7	2.0	2.3	2.3	4.9
Part no.		822021305	822021305	822031305	822041305	822041305	822051305

Please consult us if aggressive spray is used.

Max. operating pressure 400 bar, max. operating temperature 120 °C.

Further sizes and special versions are available on request

Company Registered in England No: 4167649 VAT Registration No: 732 5692 25 BS EN ISO 9001:2008 No: LRQ 0964389