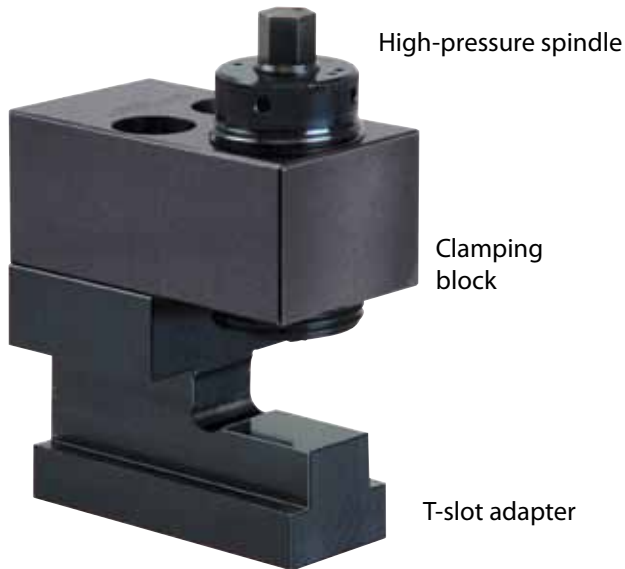


Sliding clamp, mechanical with integral high-pressure spindle



ROEMHELD
HILMA ■ STARK



Applications:

- for clamping and locking dies on press beds and rams
- on beds of machine tools
- when the available space is limited

Function:

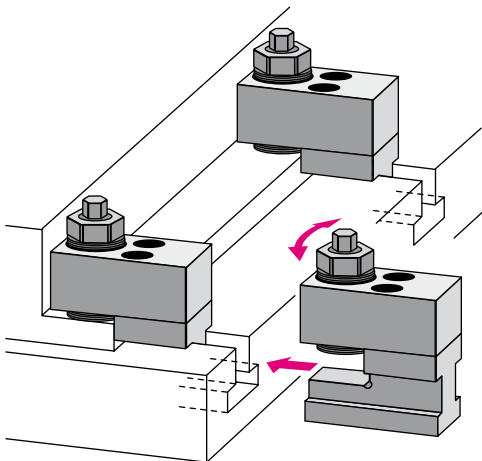
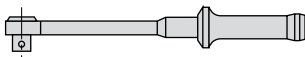
The sliding clamp is manually placed in the T-slots and screwed against the die clamping edge. Once the high-pressure spindle has been adjusted to suit the height of the clamping edge, the clamping force is built up by turning the hexagon nut (SW 1) in a clockwise direction. The clamping force achieved depends on the tightening torque selected with the torque wrench

Special features:

- ◇ suitable for retrofit
- ◇ temperature resistance up to 250 °C
- ◇ compact design and easy handling
- ◇ clamping force of between 40 and 80 kN
- ◇ high clamping force with low torque
- ◇ compensates for large clamping edge tolerances
- ◇ no colliding edges, smooth die positioning
- ◇ no need for die standardisation (width and depth)
- ◇ self-locking by patented wedge system

Accessory

Torque wrench 20 - 100 Nm
Part no. 9.3792.6610



Note:

Before applying the tightening torque, the high-pressure spindle must be screwed against the clamping edge so that there is no play.
If the parts are not rigid, tighten the high-pressure spindle using the hexagon nut (SW 2) until there is no play.



Mechanical sliding clamps fastened to a machine bed.

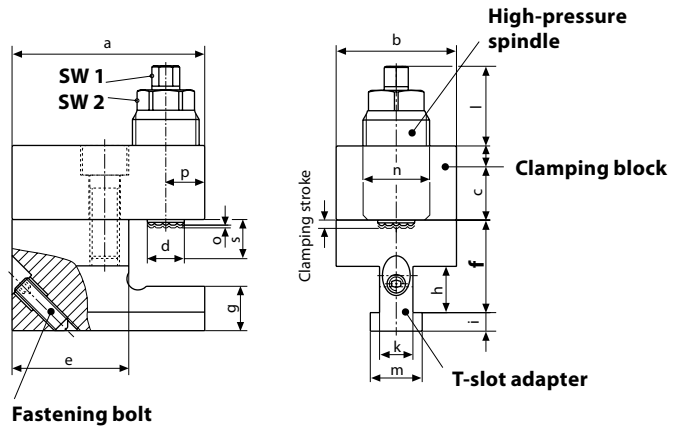
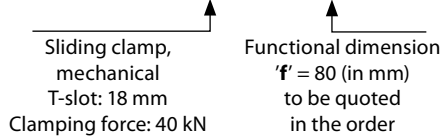


Sliding clamp, mechanical with integral high-pressure spindle

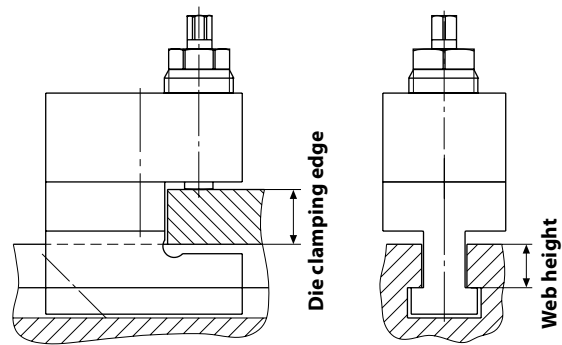
T-slot DIN 650 [mm]	18	22	28
Clamping force [kN]	40	40	80
Clamping stroke [mm]	1,5	1,5	2,2
Max. tightening torque [Nm]	45	45	90
a [mm]	104	104	126
b [mm]	65	65	80
c [mm]	40	40	50
d [mm]	19	19	28
e [mm]	63	63	72
f min. - max. [mm]	50 - 106	56 - 106	72 - 131
g [mm]	24	32	42
h [mm]	25	30	37
i [mm]	10	14	18
k [mm]	18	22	28
l [mm]	50	50	60
m [mm]	28	35	44
n [mm]	M 36 x 3	M 36 x 3	M 48 x 3
p [mm]	21	21	27
Max. travelling path s [mm]	30	30	35
SW 1 [mm]	13	13	17
SW 2 [mm]	30	30	41
Weight [kg]	3,7	4,0	6,5
Part no.	2212 185	2212 225	2213 285

Special versions are available on request.

Example of ordering: 2212-185/ F80

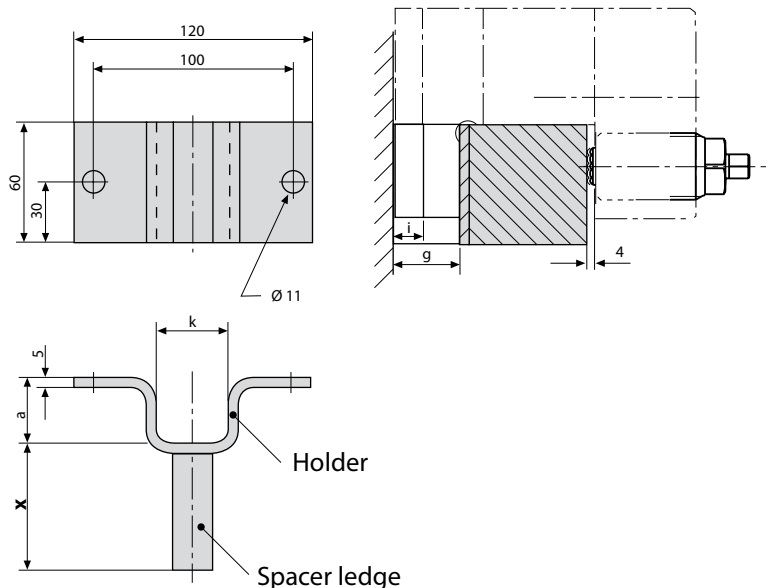


Functional dimension 'f':
die clamping edge
+ web height of T-slot
+ 4 mm
= dimension 'f'



Parking station accommodates the clamping element during die change

T-slot DIN 650 [mm]	18	22	28
a [mm]	25	33	43
k [mm]	30	37	46
i [mm]	10	14	18
g [mm]	24	32	42
Parking station, with holder and spacer ledge			
Part no.	8.2754.1850	8.2754.2250	8.2754.2850
Holder Part no.	2754 180	2754 220	2754 280
Spacer ledge Part no.	2754 500	2754 500	2754 500



Distance 'x':
 $x = f + i - g - 4 \text{ mm}$

Dimension x
to be quoted in the order