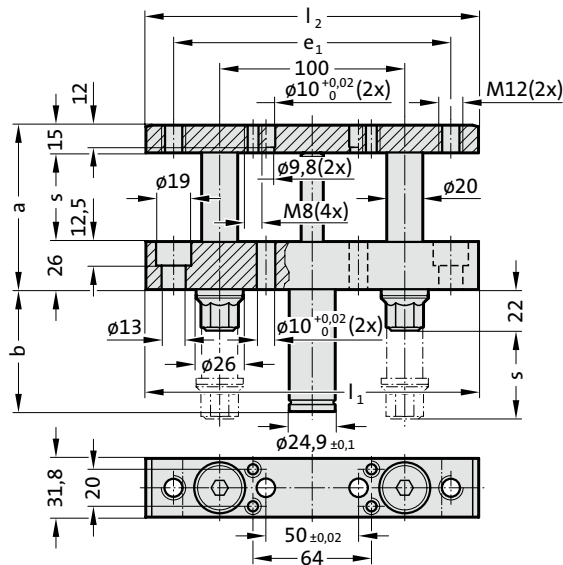


LIFTER UNIT WITH PILLAR GUIDANCE

2478.25.00200.



Description:

Filling pressure regulation and a composite arrangement are possible using the cylinder tube base. To attach the strip guide on the lifter rail, use the provided threads. We recommend designing the strip guide for a maximum material width of +0.4 mm (0.2 mm for each side) (View X). When several lifter units are used, only one unit per piece should be pinned in order to prevent redundancy.

Note:

The lifter unit is equipped with gas spring type 2480.21.00200.

Initial spring force: 200 daN

Pressure medium: Nitrogen N₂

Max. filling pressure: 180 bar

Min. filling pressure: 25 bar

Working temperature: 0°C to +80°C

Temperature related force increase: ± 0.3%/°C

Max. recommended extensions per minute:

approx. 80 to 100 (at 20°C)

Max. piston speed: see diagram

Max. usable stroke: 95%

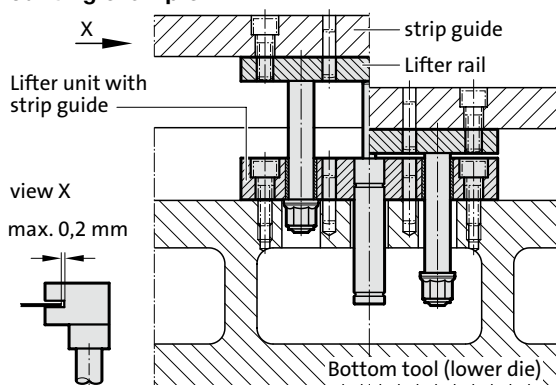
Order No for spare parts kit: 2480.21.00150

Spring forces as per spring diagram in Chapter F - 2480.21.

2478.25.00200. Lifter unit with pillar guidance

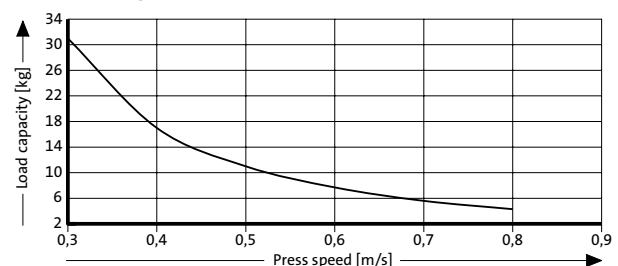
Order No	s Stroke max.	a	b	l ₁	l ₂	e ₁	Spring force [daN] initial	Spring force [daN] final	Gas spring
2478.25.00200.025	23	64	41	180	140	-	200	308	2480.21.00200.025
2478.25.00200.038	36	77	54	180	180	150	200	309	2480.21.00200.038
2478.25.00200.050	48	89	66	180	180	150	200	309	2480.21.00200.050
2478.25.00200.063	61.5	102.5	82.5	180	180	150	200	302	2480.21.00200.063
2478.25.00200.080	78	119	99	180	180	150	200	304	2480.21.00200.080
2478.25.00200.100	98	139	119	180	180	150	200	305	2480.21.00200.100
2478.25.00200.125	123	164	144	180	180	150	200	306	2480.21.00200.125
2478.25.00200.150	148	189	177	180	180	150	200	300	2480.21.00200.150
2478.25.00200.175	173	214	202	180	180	150	200	298	2480.21.00200.175
2478.25.00200.200	198	239	227	180	180	150	200	297	2480.21.00200.200

Mounting example



2478.25.00200.

Max. load per lifter unit**



** Only recommended load capacity (per lifter unit) depending on the press speed. Provide an external stop in case of higher loads.