

No. 6420

Height setting screw jack with pivotable ball

Steel tempered, burnished. Ball made of hardened steel.



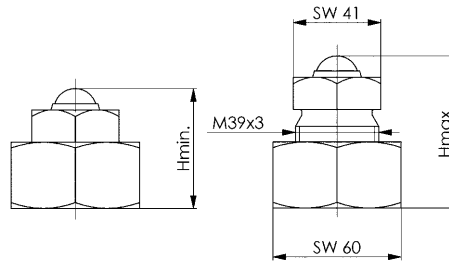
Order no.	Size	H min.	H max.	F max. [kN]	Weight [g]
72546	70	56	70	30	950

Application:

This element with its punctual support is particularly useful in the support and alignment of free-form surfaces e.g. of workpieces which are made of cast iron and forging-grade steels. The precision of alignment is approx. 0.1 mm.

Advantage:

- The pivotable ball minimizes the friction on the support and reduces the required operating forces.
- The use of a point-like support prevents the transmission of the torsional force created by the movement of the spindle. The position of the workpiece remains unchanged.
- The simple and rugged construction provides for a long lasting service life.



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Screw jack with flat support

Centring hole dia. 12 mm. Spindle: Trapezoidal thread, self-locking with end stopbody. Tempering steel, varnished.



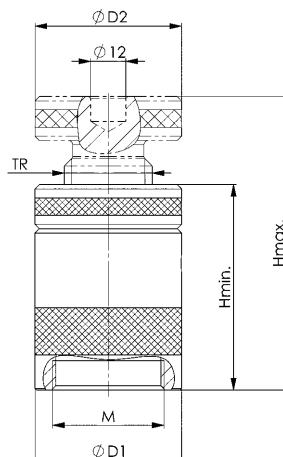
Order no.	Size	H min.	H max.	TR	D1	D2	M	F max. [kN]	Weight [g]
72397	50	38	50	20 x 4	31	31	-	25	190
72389	52	42	52	30 x 4	50	50	M38 x 2	100	550
72405	70	50	70	30 x 4	50	50	M38 x 2	100	620
72413	100	70	100	30 x 4	50	50	M38 x 2	100	900
72421	140	100	140	40 x 7	68	68	-	120	2760
72439	210	140	210	50 x 8	80	70	-	170	4600
72496	200	140	200	65 x 10	100	80	-	350	6900
72447	300	190	300	65 x 10	100	80	-	350	9000
72504	280	190	280	80 x 10	140	110	-	600	19000

Advantage:

Higher support forces F max. through material optimisation with sizes 50 - 140.

Note:

Size 50 without centring hole \varnothing 12 mm. The sizes 52-100 are suitable for clamps with a slot width of approx. 14-22 mm. The screw jack no. 6430 represents a useful addition for large clamping heights. The sizes 140-300 are suitable for clamps with a slot width of approx. 20-40 mm. For these, the screw jacks no. 6435S represent a useful addition for large clamping heights. When using clamps DIN 6315B, 6315C and 6315GN from 26 mm slot width, we recommend, fixing cap no. 6443. The sizes 200-280 are intended for supporting large workpieces. Suitable attachments for screw jack sizes 52-280 are nos. 6440, 6441, 6442, 6443 and 6445. The suitable support for sizes 52-100 is no. 6442. Do not adjust screw jack under load!



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Subject to technical alterations.