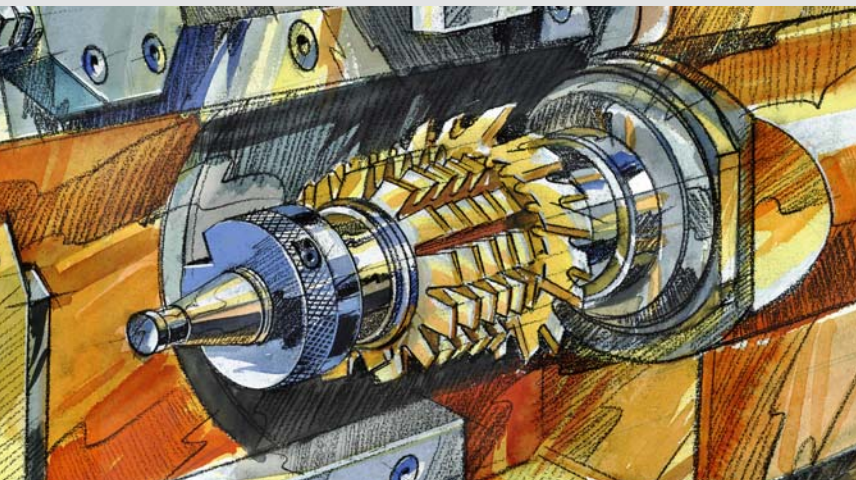


Hydraulic clamping device D92

With clamping pressure indicator

POLYMA-MINORA

MINORA



POLYMA

Extremely versatile hydraulic clamping device. It can be used as a nut, screw or spacer ring. For special applications, the annular clamping surface can be inwardly or outwardly adapted.

The pressure screws, positioned secantally in the base frame, allow an extremely low design. The self-contained hydraulic system is actuated by the pressure screws. The axial clamping power thus generates amounts to many times being obtainable by mechanical means, regardless of the mechanical prestressing.



The effective clamping pressure is adjusted and monitored by what is usually a 2-stage secantal clamping pressure indicator, according to the internal hydraulic pressure.

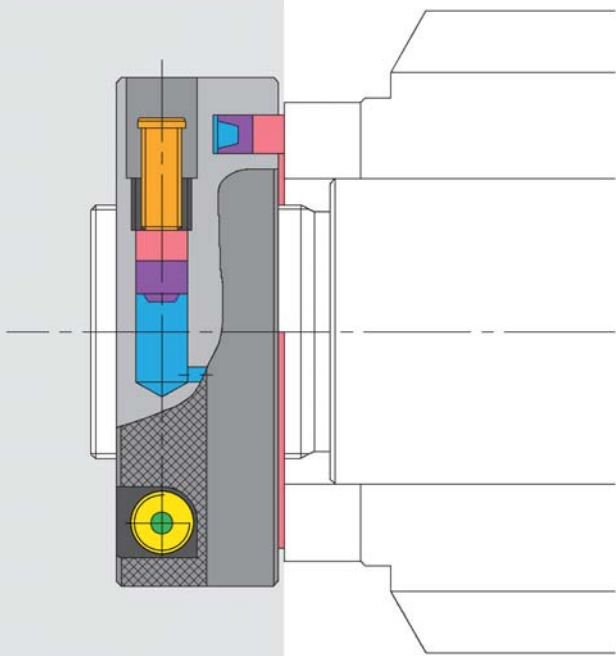
The hydraulic pressure does not generate any radial force, so that the parts remain in the aligned position. The hydraulically cushioned clamping surface allows a secure, defined axial clamping pressure, even in the case of non-parallel parts. The aids required for mechanical clamping, such as wrench, extensions and hammers are not required in the case, which means a further contribution to labour saving, accident prevention and reduced setup times.

Hydraulic clamping device D92

With clamping pressure indicator

ALBERT SCHREM
Werkzeugfabrik GmbH

POLYMA-MINORA



Technical Data

Please specify arbor O.D. or thread when ordering.

Order No.	Arbor diameter to		Max. clamping force kN	Marked ring	Pressure indicator	
	mm	inch			Clamping force kN	Clamping force lbs
D92-080	18	0.625	40	1	40	8800
D92-084	24	0.75	50	1	50	11000
D92-091	27	1.0	50	1	50	11000
D92-100	32	1.25	60	1/2	30/60	6600/13200
D92-200	40	1.5	70	1/2	30/70	6600/15400
D92-300	50	2.0	80	1/2	40/80	8800/17600
D92-400	60	2.375	100	1/2	60/100	13200/22000
D92-500	70	2.75	120	1/2	60/120	13200/26400
D92-600	80	3.125	150	1/2	80/150	17600/33000
D92-700	100	3.875	200	1/2	100/200	22000/44000
D92-800	120	4.75	200	1/2	100/200	22000/44000
D92-900	140	5.5	250	1/2	120/250	26400/55000
D92-1000	160	6.25	250	1/2	120/250	26400/55000

Dimensions

Order No.	Dimensions (mm)				
	Ø D	Ø d ₁	Ø d ₂	Ø d ₃	L
D92-080	to 18	34	24	57	30
D92-084	to 24	52	42	60	33
D92-091	to 27	52	42	65	33
D92-100	to 32	56	40	70	33
D92-200	to 40	62	50	75	33
D92-300	to 50	74	60	85	33
D92-400	to 60	85	70	100	33
D92-500	to 70	100	85	119	33
D92-600	to 80	120	105	130	33
D92-700	to 100	132	120	150	47
D92-800	to 120	160	138	173	47
D92-900	to 140	175	155	198	47
D92-1000	to 160	200	180	220	47

