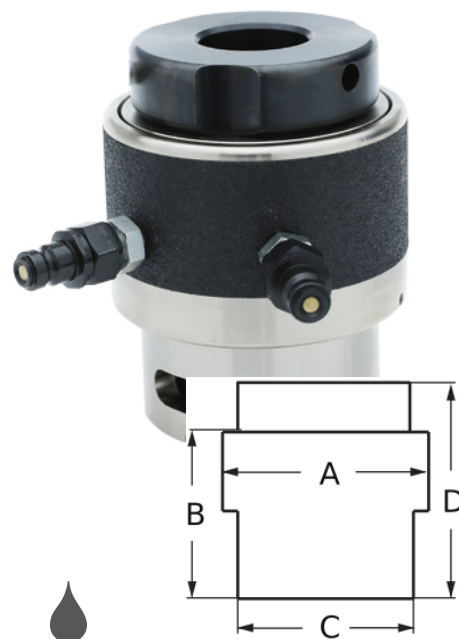


Single Stage Tensioner HSR

The hydraulic tensioner series HSR is single-staged and applicable for stud sizes M20-M115. Other sizes are available on request!

- Single-staged bolt tensioner with spring return
- Stud sizes M20-M115
- Max. pressure 1.500 bar
- Piston stroke 10 mm
- Piston stroke indication
- Piston overstroke prevention



Type	Stud size *	Load capacity [kN]	Weight [kg]	Dimensions [mm]			
				A	B	C	D
HSR 0	M20-M22	160	2,5	67	93	63	114
HSR 1	M24-M30	280	3,7	85	117-120	68-76	142-145
HSR 2	M24-M36	450	5,5	103	117-126	75-89	142-151
HSR 3	M33-M42	660	7,5	118	123-132	92-105	150-159
HSR 4	M39-M48	1.000	11,5	141	132-144	112-128	164-176
HSR 5	M52-M70	1.500	18,5	176	148-167	134-165	187-206
HSR 6	M64-M90	2.500	33,0	219	167-180	172-205	216-235
HSR 7	M90-M100	3.200	47,0	252	186-199	230-242	241-254
HSR 8	M105-M115	4.100	63,5	283	199-212	255-270	264-277

* Other sizes on request!

OPTIONS

- Other thread sizes on request
- Personalized engraving on the housing (for example: company logo)

ACCESSORIES

Carry strap



SCOPE OF DELIVERY

- Hydraulic tensioner HSR
- Adjuster rod
- Pressure force table
- Calibration certificate
- Operation manual