

SPRING RETURN TENSIONERS

HTR SERIES

The spring return tensioners contain seven different cylinder sizes and cover bolt sizes from M24 to M100.

The spring return tensioners of the HTR series are suitable for most flange joints. Thanks to the fast spring-return piston, they are great for places where the number of repetitions increases.

- 1500 bar
- 10 mm stroke
- Spring return piston
- Over-stroke protection



Item	Model	Bolt Size mm	Pressure mm ²	Max. Tensioner Load kN	A mm	H mm	B mm	Weight kg																																																																																																																																												
TID1J-280M24	HTR-1	M24	1 867	280	87	178	28	2.7																																																																																																																																												
TID1J-280M27		M27				181	30		TID2J-450M24	HTR-2	M24	3 001	450	103	175	30	4.1	TID2J-450M27	M27	181	30	TID2J-450M30	M30	188	30	TID2J-450M33	M33	195	35	TID2J-450M36	M36	195	38	HTR-3	118	190	35	5.4	TID3J-660M33	M33	4 401	660	197	38	TID3J-660M36	M36	203	42	TID3J-660M39	M39	209	42	TID3J-660M42	M42	211	42	TID4J-1000M39	HTR-4	M39	6 668	1 000	140.5	217	45	8.4	TID4J-1000M42	M42	223	52	TID4J-1000M45	M45	230	52	TID4J-1000M48	M48	236	52	TID4J-1000M52	M52	246	52	TID5J-1500M52	HTR-5	M52	10 003	1 500	175.5	259	63	13.8	TID5J-1500M56	M56	272	68	TID5J-1500M60	M60	272	68	TID5J-1500M64	M64	284	70	TID5J-1500M68	M68	294	72	HTR-6	219	307	80	23	TID6J-2500M72	M72	16 671	2 500	320	84	TID6J-2500M76	M76	332	88	TID6J-2500M80	M80	332	88	TID6J-2500M85	M85	339	88	TID6J-2500M90	M90	21 339	3 200	252	352	94	32	TID7J-3200M90	M90	364	114	TID7J-3200M95	M95			TID7J-3200M100	M100	
TID2J-450M24	HTR-2	M24	3 001	450	103	175	30	4.1																																																																																																																																												
TID2J-450M27		M27				181	30																																																																																																																																													
TID2J-450M30		M30				188	30																																																																																																																																													
TID2J-450M33		M33				195	35																																																																																																																																													
TID2J-450M36	M36	195	38	HTR-3	118	190	35	5.4																																																																																																																																												
TID3J-660M33	M33	4 401	660			197	38																																																																																																																																													
TID3J-660M36	M36					203	42																																																																																																																																													
TID3J-660M39	M39					209	42																																																																																																																																													
TID3J-660M42	M42			211	42																																																																																																																																															
TID4J-1000M39	HTR-4	M39	6 668	1 000	140.5	217	45	8.4																																																																																																																																												
TID4J-1000M42		M42				223	52																																																																																																																																													
TID4J-1000M45		M45				230	52																																																																																																																																													
TID4J-1000M48		M48				236	52																																																																																																																																													
TID4J-1000M52		M52				246	52																																																																																																																																													
TID5J-1500M52	HTR-5	M52	10 003	1 500	175.5	259	63	13.8																																																																																																																																												
TID5J-1500M56		M56				272	68																																																																																																																																													
TID5J-1500M60		M60				272	68																																																																																																																																													
TID5J-1500M64		M64				284	70																																																																																																																																													
TID5J-1500M68	M68	294	72	HTR-6	219	307	80	23																																																																																																																																												
TID6J-2500M72	M72	16 671	2 500			320	84																																																																																																																																													
TID6J-2500M76	M76					332	88																																																																																																																																													
TID6J-2500M80	M80					332	88																																																																																																																																													
TID6J-2500M85	M85			339	88																																																																																																																																															
TID6J-2500M90	M90	21 339	3 200	252	352	94	32																																																																																																																																													
TID7J-3200M90	M90				364	114																																																																																																																																														
TID7J-3200M95	M95																																																																																																																																																			
TID7J-3200M100	M100																																																																																																																																																			

