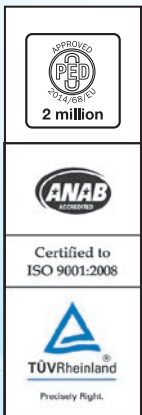


Nitrogen Gas Spring Selection Guide



Force Ranking per Body diameter	Spring Series Application	Product Line	Model
Tanker Series			
3	High Force High Contamination Resistance	Tanker T&S	TNKT 1000, TNKT 2400, TNKT 4200, TNKT 6600, TNKS 1000, TNKS 2400, TNKS 4200, TNKS 6600
4	High Performance and High Speed	Tanker 400 XP	TNK 400, TNK 400HS
T2 Series			
4	Mechanical and Coil Replacement	T2 Mini	T2-50, T2-70, T2-90, T2-180, T2-200, T2SS3-16, T2SS3- 16GM, T2SS2-24
4	High Force Compact Height	T2B	T2-750P, T2B-1500, T2B-3000, T2B-5000
T3 Series			
3	HIGH Force SHORTEST Height	T3	T3-170, T3-320, T3-350, T3-500, T3-750, T3-1000, T3-1500, T3-2400, T3-4200, T3-6600, T3-9500, T3-20000
3	HIGH Force Short Height	T3T	T3T-350, T3T-500, T3T-750, T3T-1000, T3T-1500, T3T-2400, T3T-4200, T3T-6600, T3T-9500
T4 Series			
3	HIGH Force Full Height	T4	T4-750, T4-1000, T4-1500, T4-2400, T4-4200, T4-6600, T4-9500, T4-20000
1	HIGHEST Force Short Height	T4SC	T4SC-420, T4SC-740, T4SC-1000, T4SC-1800, T4SC-2900, T4SC-4700, T4SC-7500, T4SC-11800, T4SC-18300
T5 Series			
2	Ultra High Force Compact Design	T5	T5-500, T5-1000, T5-1900
NP Series			
4	High Force Full Height	NP	NP-500, NP-750, NP-1500, NP-3000, NP-5000, NP-7500, NP-10000
4	High Force Compact Height	NPL	NPL-750, NPL-1500, NPL-3000, NPL-5000, NPL-7500
Stock Lifters			
N/A	Guided Lifting Systems	SL	T2-SLT-170, T2SLE-170, T2SLM-300, T2SRL-800, T2DPL-90, T2DPL-200
Specialty Solutions			
N/A	High Working Temperatures	T2M, T3M	T2M-16, T2M 24, T3M-300, T3M-500, T3M-750, T3M-1000
	Die Separation	NDS	NDS-3000, NDS-5000, NDS-7500
	Smooth Return Series	SRS	SRS 750, SRS 1500, SRS 3000, SRS 5000
Delay Systems			
4	Controllable Gas Springs	CS2	CS2 1500, CS2 3000, CS2 5000, CS2 7500

Contact Force N	Contact Force Lbf	Stroke Length mm	Seal Type	Genuinely Hyson Safety Features		
				Overload Protection	Overpressure Protection	Overstroke Protection
9,630 up to 68,435	2,165 up to 15,385	13 up to 225	Bore	N/A	✓	N/A
3,940	885	6.3 up to 76.2	Bore	✓	✓	N/A
57 up to 2,000	13 up to 450	7 up to 125.0	Rod	✓	N/A	✓
7,300 up to 49,800	1,640 up to 11,200	12.7 up to 304.8	Rod	N/A	N/A	N/A
1,700 up to 200,000	382 up to 44,960	7 up to 125	Rod	✓	✓	✓
3,600 up to 95,000	810 up to 21,360	10 up to 125	Rod	✓	✓	✓
7,400 up to 200,000	1,665 up to 45,000	12.7 up to 300	Rod	✓	✓	✓
4,250 up to 183,000	955 up to 41,140	6 up to 65	Bore	✓	✓	✓
5,100 up to 19,200	1,150 up to 4,320	10 up to 80	Rod	✓	✓	✓
4,700 up to 106,000	1,055 up to 23,830	10 up to 300	Rod	✓	✓	✓
7,400 up to 75,000	1,665 up to 16,860	12.5 up to 250	Rod	✓	✓	✓
1,700 up to 7,100	382 up to 1,596	23 up to 210	Rod	N/A	N/A	N/A
420 up to 9,200	420 up to 2,068	10 up to 80	Rod	✓	✓	✓
30,000 up to 75,000	6,500 up to 16,860	80 up to 300	Rod	✓	✓	✓
7,400 up to 50,000	1,665 up to 11,250	80 up to 300	Rod	✓	✓	✓
15,000 up to 75,000	3,372 up to 16,860	4 up to 160	Rod	N/A		



www.HysonSolutions.com
E-mail: Orders@HysonSolutions.com

U.S.A. Headquarters • 10367 Brecksville Road • Brecksville, OH 44141 USA • Tel: 800-876-4976, 440-526-5900