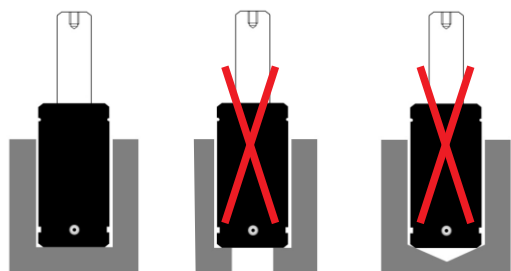
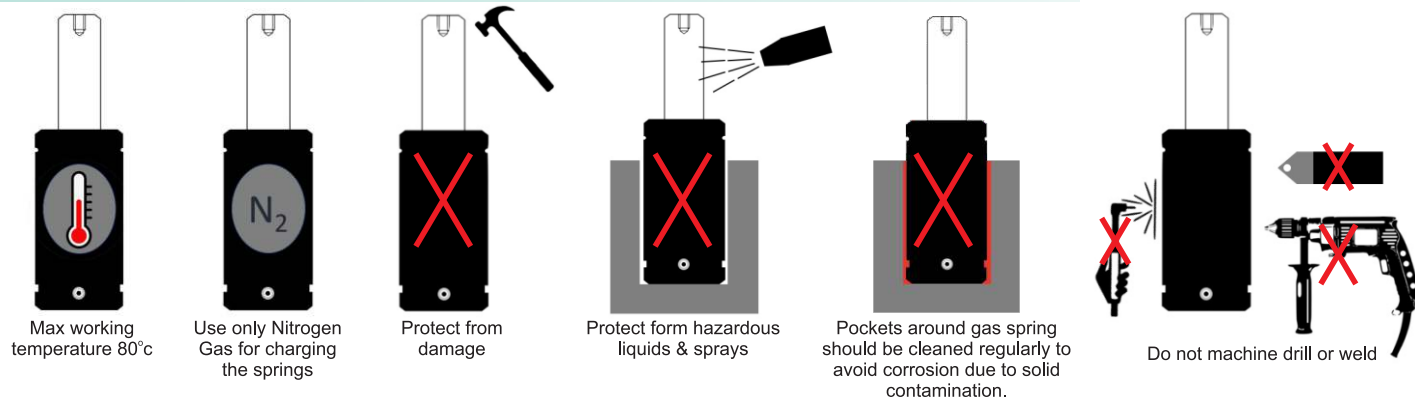


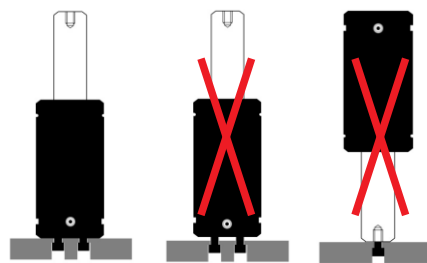
SERIES	DESCRIPTION	MODEL	STROKE LENGTH	INITIAL FORCE	Piston Diameter	Cylinder Diameter	Photo
NFS-S1	Rod sealed, high force, most compact gas spring available.	NFS-S1-0170	7 - 125	170	11	19	
		NFS-S1-0320	7 - 125	320	15	25	
		NFS-S1-0350	10 - 125	350	16	32	
		NFS-S1-0500	10 - 125	500	20	38	
		NFS-S1-0750	10 - 125	750	25	45	
		NFS-S1-1000	13 - 125	1000	28	50	
		NFS-S1-1200	13-125	1080	28	50	
		NFS-S1-1500	13 - 125	1500	36	63	
		NFS-S1-2400	16 - 125	2400	45	75	
		NFS-S1-4200	16 - 125	4200	60	95	
		NFS-S1-6600	16 - 125	6600	75	120	
		NFS-S1-9500	20-125	9500	90	150	
NFS-S2	Extended version of the NFS-S1, with a G1/8 port and deeper tapped holes in the base.	NFS-S2-0350	10 - 125	360	16	32	
		NFS-S2-0500	10 - 125	500	20	38	
		NFS-S2-0750	13 - 125	750	25	45	
		NFS-S2-1000	10 - 125	1000	28	50	
		NFS-S2-1200	10-125	1080	28	50	
		NFS-S2-1500	10 - 125	1500	36	63	
		NFS-S2-2400	10 - 125	2400	45	75	
		NFS-S2-4200	16 - 125	4200	60	95	
		NFS-S2-6600	16 - 125	6600	75	120	
NFS-S3	Range of this series lies between NFS-S1 and NFS-S4 series for length.	NFS-S3-0300	10 - 125	300	16	38	
		NFS-S3-0500	10 - 125	500	20	45	
		NFS-S3-0750	10 - 125	750	25	50	
		NFS-S3-1500	10 - 200	1500	36	75	
		NFS-S3-3000	10 - 200	3000	50	95	
		NFS-S3-5000	10 - 200	5000	65	120	

SERIES	DESCRIPTION	MODEL	STROKE LENGTHS	INITIAL FORCE	Piston Diameter	Cylinder Diameter	Photo
NFS-S4 NFS-S4-B	Optimum design for gas spring durability conforming to ISO 11901 standard.	NFS-S4-0250	10 - 125	250	14	38	
		NFS-S4-0500	10 - 160	500	20	45	
		NFS-S4-0750	13 - 300	750	25	50	
		NFS-S4-1500	13 - 300	1500	36	75	
		NFS-S4-3000	13 - 300	3000	50	95	
		NFS-S4-5000	25 - 300	5000	65	120	
		NFS-S4-7500	25 - 300	7500	80	150	
		NFS-S4-10000	25 - 300	10000	95	195	
	NFS-S4-B Combines the power of the NFS-S1 range with standard size of the NFS-S4-B range	NFS-S4-B-1000	13 - 300	1000	28	50	
		NFS-S4-B-2400	25 - 300	2400	45	75	
		NFS-S4-B-4200	25 - 300	4200	60	95	
		NFS-S4-B-6600	25 - 300	6600	75	120	
		NFS-S4-B-9500	25 - 300	9500	90	150	
NFS-S5	Ultra high force compact bore sealed gas spring.	NFS-S5-0042	6 - 50	420	12	24.9	
		NFS-S5-007	6 - 50	700	20	32	
		NFS-S5-010	6 - 50	1000	20	38	
		NFS-S5-018	6 - 50	1800	30	50	
		NFS-S5-029	10 - 50	2900	38	63.2	
		NFS-S5-047	10 - 50	4700	50	75	
		NFS-S5-075	10 - 50	7500	65	95	
		NFS-S5-118	10 - 50	11800	80	120	
NFS-S6	Rod Sealed, Colour Coded Mini Nitro Sprigs- NFS-S6	NFS-S6-25-Stroke-Green	10 - 125	50	12	24.9	
		NFS-S6-25-Stroke-Blue	10 - 125	100	12	24.9	
		NFS-S6-25-Stroke-Red	10 - 125	150	12	24.9	
		NFS-S6-25-Stroke-Yellow	10 - 125	200	12	24.9	
		NFS-S6-32-Stroke-Green	10 - 125	50	12	32	
		NFS-S6-32-Stroke-Blue	10 - 125	100	12	32	
		NFS-S6-32-Stroke-Red	10 - 125	150	12	32	
		NFS-S6-32-Stroke-Yellow	10 - 125	200	12	32	
NFS-S7	Slow Return Die Separation Gas Spring - NFS-S7	NFS-S7-1500	25 - 300	1500	36	75	
		NFS-S7-3000	25 - 300	3000	50	95	
		NFS-S7-5000	25 - 300	5000	65	120	
		NFS-S7-7500	25 - 300	7500	80	150	

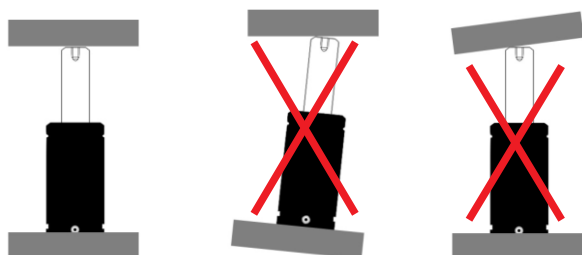
► Gas Spring - Safety Guidelines



Mount the gas spring on perfect flat surface. Mounting gas spring on uneven surface can cause side loading, leading to structural damage.



Mount the gas spring on perfect flat surface. Ensure the bolts are tight and spring cannot move during use. Do not use piston hole tapping for mounting the spring, it is only for maintenance purpose



Mount the gas spring between two perfectly parallel surface to ensure maximum life. Mounting gas spring in non parallel surfaces could lead to significant decrease in life.



The given stroke in catalog may be utilised fully. Though, it is strongly recommended that a minimum of 5 mm or 10% of the allowable stroke should not be used. This is to prevent over stroking.

Note :

- Maximum charge pressure in the gas spring should not be more than the specified limit
- While refilling, the gas spring should be completely discharged so as to avoid damage
- Maximum piston velocity is 1.6 m/sec.
- Use N-Force gas spring as it is, do not cut the piston or the cylinder
- With gas spring fully charged at high pressure gas, not following the above mentioned user guide may lead to accident, product damage, reduction in life, etc. Before using the gas spring, make sure to completely understand the user manual.

Order Example : **Code - Stroke**

NFS - S1 - 750 - 50

Code

Stroke