



# WDS



## WDS 850

### Stainless Steel Gas Struts (Gas Springs) with Angle Joints (WDS 850)

#### MATERIAL

Body - 316 Stainless Steel

Rod - 316 Stainless Steel

Adjusting Valve - Brass

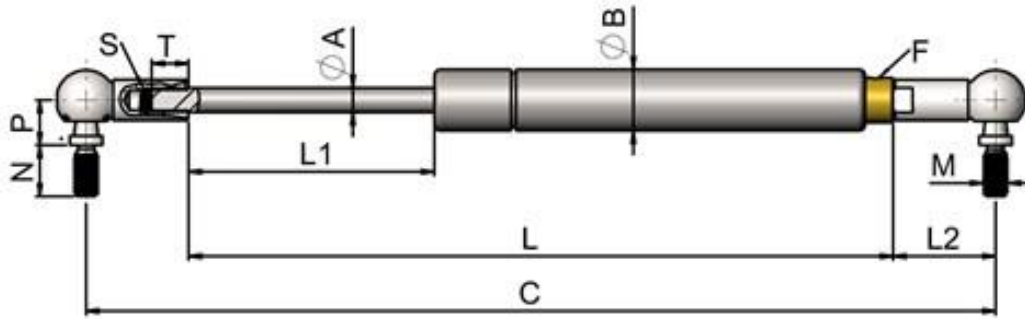
DIN 71802 End Fittings - 304 Stainless Steel

Operating temperature of -25 to +60 degrees celsius

Download WDS Gas Strut Calculation Strut Forces

Adjustable Force - Supplied at maximum force to be adjusted in position to suit the specific application.

See also the full range of end fittings to suit your application.



27 Sizes

WDS NO.	A	B	C	L	L1	L2	M	N	P	S	T	Angle Joint Ball Dia	Force Range (N)	Weight
850-0615040	6	15	182	132	40	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		20-400	0.14
850-0615060	6	15	222	172	60	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		20-400	0.165
850-0615080	6	15	262	212	80	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		20-400	0.195
850-0615100	6	15	302	252	100	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		20-400	0.225
850-0615120	6	15	342	292	120	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		20-400	0.21
850-0615150	6	15	402	352	150	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		20-400	0.255
850-0615200	6	15	502	452	200	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		20-400	0.295
850-0819050	8	19	202	152	50	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		50-700	0.345
850-0819075	8	19	252	202	75	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		50-700	0.465
850-0819100	8	19	302	252	100	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		50-700	0.6
850-0819125	8	19	352	302	125	25	M6 x 1.0	12.5	11	M6 x 1.0	9 10		50-700	0.665

WDS NO.	A	B	C	L	L1	L2	M	N	P	S	T	Angle Joint Ball Dia	Force Range (N)	Weight
850-0819150	8	19	402	352	150	25	M6 x 1.0	12.5	11	M6 x 1.0	9	10	50-700	0.81
850-0819175	8	19	452	402	175	25	M6 x 1.0	12.5	11	M6 x 1.0	9	10	50-700	0.89
850-0819200	8	19	502	452	200	25	M6 x 1.0	12.5	11	M6 x 1.0	9	10	50-700	1.145
850-0819250	8	19	602	552	250	25	M6 x 1.0	12.5	11	M6 x 1.0	9	10	50-700	1.41
850-0819300	8	19	702	652	300	25	M6 x 1.0	12.5	11	M6 x 1.0	9	10	50-700	1.665
850-1022100	10	22	317	257	100	30	M8 x 1.25	16.5	13	M8 x 1.25	12	13	100-1200	1.665
850-1022150	10	22	417	357	150	30	M8 x 1.25	16.5	13	M8 x 1.25	12	13	100-1200	1.665
850-1022200	10	22	517	457	200	30	M8 x 1.25	16.5	13	M8 x 1.25	12	13	100-1200	1.665
850-1022250	10	22	617	557	250	30	M8 x 1.25	16.5	13	M8 x 1.25	12	13	100-1200	1.665
850-1022300	10	22	717	657	300	30	M8 x 1.25	16.5	13	M8 x 1.25	12	13	100-1200	1.665
850-1022400	10	22	917	857	400	30	M8 x 1.25	16.5	13	M8 x 1.25	12	13	100-1200	1.665
850-1428100	14	28	314	254	100	30	M10 x 1.5	20	16	M10 x 1.5	14	16	200-2500	1.665
850-1428200	14	28	524	454	200	30	M10 x 1.5	20	16	M10 x 1.5	14	16	200-2500	1.665
850-1428300	14	28	724	654	300	35	M10 x 1.5	20	16	M10 x 1.5	14	16	200-2500	1.665
850-1428400	14	28	924	854	400	35	M10 x 1.5	20	16	M10 x 1.5	14	16	200-2500	1.665
850-1428500	14	28	1132	1054	500	35	M10 x 1.5	20	16	M10 x 1.5	14	16	200-2500	1.665

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