

STABILUS

UNIVERSAL SPECIFICATION GUIDE



Follow these easy steps to select the best universal replacement for your application:

- Measure your existing gas spring from A to B when full extended
- Measure the gas spring from the same points when full compressed
- Choose the style of connection type (eyelet or ball socket)
- Select the Stabilus part number from this chart that most closely matches your measurements

Important notes:

- Measure from the center of the attachment points
- Not all gas springs can be compressed by hand – you may need to take the compressed measurement while the gas spring is still installed in the application
- Always replace gas springs in pairs if there two used in the application
- Install the new gas spring in the same orientation (rod and reservoir ends installed as they were originally)

Stabilus Part Number	Extended Length (in)	Compressed Length (in)	Tube Dia (mm)	Rod Dia (mm)	Extension Force (N)	Extension Force (lb)	Rod End Fitting	Tube End Fitting
6B-3938LA	7.5	5.5	15.0	6.0	89.0	20.0	Ball Socket 10mm	Ball Socket 10mm
6B-3939LW	7.5	5.5	15.0	6.0	178.0	40.0	Ball Socket 10mm	Ball Socket 10mm
6B-993049	7.5	4.4	15.0	6.0	340.0	76.4	Ball Socket 10mm	Ball Socket 10mm
6B-4146LZ	7.5	5.5	18.0	8.0	350.0	78.7	Ball Socket 10mm	Ball Socket 10mm
5B-5218KW	10.0	7.0	18.0	8.0	98.0	22.0	Eye 10mm	Eye 10mm
5B-3995LG	10.0	7.0	18.0	8.0	179.0	40.2	Ball Socket 10mm	Ball Socket 10mm
5B-990420	10.0	5.6	15.0	6.0	215.0	48.3	Ball Socket 10mm	Ball Socket 10mm
5B-5171KB	10.0	7.0	18.0	8.0	278.0	62.5	Eye 10mm	Eye 10mm
5B-982053	10.0	6.7	18.0	8.0	280.0	62.9	Ball Socket 10mm	Ball Socket 10mm
5B-753329	10.0	6.9	19.0	8.0	355.0	79.8	Ball Socket 10mm	Ball Socket 10mm
5B-5172KX	10.0	7.0	18.0	8.0	367.0	82.5	Eye 10mm	Eye 10mm
5B-990659	10.0	5.6	15.0	6.0	369.2	83.0	Ball Socket 10mm	Ball Socket 10mm
5B-332930	10.0	5.7	19.0	8.0	760.0	170.9	Ball Socket 10mm	Ball Socket 10mm
5B-754046	11.0	7.0	18.0	8.0	110.0	24.7	Ball Socket 10mm	Ball Socket 10mm
5B-986835	11.0	6.2	15.0	6.0	135.0	30.4	Ball Socket 10mm	Ball Socket 10mm
5B-753568	11.0	7.2	19.0	8.0	155.0	34.8	Ball Socket 10mm	Ball Socket 10mm
5B-991854	11.0	6.2	15.0	6.0	160.0	36.0	Ball Socket 10mm	Ball Socket 10mm
5B-992093	11.0	7.0	15.0	6.0	340.0	76.4	Ball Socket 10mm	Ball Socket 10mm
5B-8498IZ	12.0	8.5	18.0	8.0	118.0	26.5	Ball Socket 10mm	Ball Socket 10mm
5B-8427IS	12.0	8.5	18.0	8.0	241.0	54.2	Ball Socket 10mm	Ball Socket 10mm
5B-994722	12.1	6.6	15.0	6.0	190.0	42.7	Ball Socket 10mm	Ball Socket 10mm
5B-7682QX	12.4	7.7	15.0	6.0	300.0	67.0	Ball Socket 10mm	Ball Socket 10mm
5B-754524	12.5	8.4	19.0	8.0	155.0	34.8	Ball Socket 10mm	Ball Socket 10mm
5B-740423	12.8	8.1	18.0	8.0	135.0	30.4	Ball Socket 10mm	Ball Socket 10mm
5B-317156	14.0	7.9	19.0	8.0	290.0	65.2	Ball Socket 10mm	Ball Socket 10mm
5B-317395	14.0	7.9	19.0	8.0	580.0	130.4	Ball Socket 10mm	Ball Socket 10mm
5B-8493IX	14.5	9.5	18.0	8.0	118.0	26.5	Ball Socket 10mm	Ball Socket 10mm
5B-6306IE	14.5	9.5	18.0	8.0	191.0	42.9	Ball Socket 10mm	Ball Socket 10mm
5B-3824LG	14.5	9.5	18.0	8.0	230.0	51.7	Ball Socket 10mm	Ball Socket 10mm

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4B-1588EP	14.5	9.5	18.0	8.0	460.0	103.4	Ball Socket 10mm	Ball Socket 10mm
5B-3858LW	15.0	9.5	18.0	8.0	89.0	20.0	Ball Socket 10mm	Ball Socket 10mm
5B-987074	15.0	8.1	15.0	6.0	150.0	33.7	Ball Socket 10mm	Ball Socket 10mm
5B-037528	15.0	7.9	15.0	6.0	160.0	36.0	Eye 10mm	Eye 10mm
5B-3853LU	15.0	9.5	18.0	8.0	178.0	40.0	Ball Socket 10mm	Ball Socket 10mm
5B-988030	15.0	8.1	15.0	6.0	180.0	40.5	Ball Socket 10mm	Ball Socket 10mm
5B-315483	15.0	8.1	15.0	6.0	210.0	47.2	Ball Socket 10mm	Ball Socket 10mm
5B-315961	15.0	8.1	15.0	6.0	320.0	71.9	Ball Socket 10mm	Ball Socket 10mm
5B-317634	15.0	8.3	19.0	8.0	640.0	143.9	Ball Socket 10mm	Ball Socket 10mm
4B-037767	15.9	8.8	18.0	8.0	350.0	78.7	Ball Socket 10mm	Ball Socket 10mm
4B-752851	15.9	9.6	18.0	8.0	500.0	112.4	Ball Socket 10mm	Ball Socket 10mm
4B-3813LR	17.2	11.0	18.0	8.0	120.0	27.0	Ball Socket 10mm	Ball Socket 10mm
4B-8505IG	17.2	11.0	18.0	8.0	311.0	69.9	Ball Socket 10mm	Ball Socket 10mm
4B-3817LY	17.2	11.0	18.0	8.0	410.0	92.2	Ball Socket 10mm	Ball Socket 10mm
4B-318351	17.2	9.3	19.0	8.0	440.0	98.9	Ball Socket 10mm	Ball Socket 10mm
4B-318112	17.2	9.3	19.0	8.0	640.0	143.9	Ball Socket 10mm	Ball Socket 10mm
4B-9165AK	17.5	10.5	19.0	8.0	800.0	179.9	Eye 8mm	Eye 8mm
4B-544244	18.5	10.0	19.0	8.0	160.0	36.0	Ball Socket 10mm	Ball Socket 10mm
4B-320980	18.5	10.0	19.0	8.0	210.0	47.2	Ball Socket 10mm	Ball Socket 10mm
4B-321219	18.5	10.0	19.0	8.0	280.0	63.0	Ball Socket 10mm	Ball Socket 10mm
4B-047088	18.5	10.0	18.0	8.0	400.0	89.9	Ball Socket 10mm	Ball Socket 10mm
4B-638649	18.5	10.0	19.0	8.0	440.0	98.9	Ball Socket 10mm	Ball Socket 10mm
4B-321697	18.5	10.0	19.0	8.0	520.0	116.9	Ball Socket 10mm	Ball Socket 10mm
4B-3286NV	19.1	11.2	18.0	8.0	500.0	112.4	Ball Socket 10mm	Ball Socket 10mm
4B-3867LV	19.7	11.7	18.0	8.0	89.0	20.0	Ball Socket 10mm	Ball Socket 10mm
4B-3879LF	19.7	11.7	18.0	8.0	140.0	31.5	Ball Socket 10mm	Ball Socket 10mm
4B-8499IU	19.7	11.7	18.0	8.0	221.0	49.7	Ball Socket 10mm	Ball Socket 10mm
4B-8502IV	19.7	11.7	18.0	8.0	291.0	65.4	Ball Socket 10mm	Ball Socket 10mm
4B-3872LN	19.7	11.7	18.0	8.0	356.0	80.0	Ball Socket 10mm	Ball Socket 10mm
4B-322414	19.7	10.6	19.0	8.0	360.0	80.9	Ball Socket 10mm	Ball Socket 10mm
4B-3877LP	19.7	11.7	18.0	8.0	390.0	87.7	Ball Socket 10mm	Ball Socket 10mm
4B-322653	19.7	10.6	19.0	8.0	510.0	114.7	Ball Socket 10mm	Ball Socket 10mm
4B-8503IQ	19.7	11.7	18.0	8.0	581.0	130.6	Ball Socket 10mm	Ball Socket 10mm
3B-3287NQ	23.0	13.2	18.0	8.0	500.0	112.4	Ball Socket 10mm	Ball Socket 10mm
3B-048522	26.0	13.7	19.0	8.0	300.0	67.4	Ball Socket 10mm	Ball Socket 10mm
3B-048761	26.0	13.7	19.0	8.0	360.0	80.9	Ball Socket 10mm	Ball Socket 10mm
3B-322892	28.0	14.9	22.0	10.0	470.0	105.7	Ball Socket 13.00mm	Ball Socket 13.00mm
3B-323131	28.0	14.9	22.0	10.0	540.0	121.4	Ball Socket 13.00mm	Ball Socket 13.00mm
60-664701	N A	N A	N A	N A	N A	N A	N A	N A