

BILSTEIN[®] SHOCK ABSORBERS

MOTORSPORTS
STRUTS



NEW Universal 46mm Motorsports Struts

BILSTEIN motorsports engineers developed this new universal 46mm motorsports strut line featuring our inverted tube technology to provide race car builders a wide selection of travel lengths and valving options. This semi-complete package can be adapted to most Macpherson strut suspension systems.

Each strut is supplied with a matched external housing that permits the builder to fabricate weld tabs for mounting the unit to a vehicle's lower steering knuckle. The strut insert is provided with a blank upper-stem that can be machined down to fit a specific top mount or camber/caster plate variation.

Utilizing the same technological design advantages as our gas pressure shock absorbers, the BILSTEIN monotube strut insert is installed with the piston rod at the base of the strut tube. Here the rod is completely protected from road contamination of any kind. Plus, the hard-chromed steel body of the damper provides superior strength to withstand the extreme side loads encountered in competition, delivering exceptional stability and greater performance.

BILSTEIN...the World Leader in Monotube Gas Pressure Shock Absorber Technology

Bilstein Gas Pressure Shock Absorbers
ThyssenKrupp Bilstein of America
1-800-537-1085 • bilsteinUS.com



BILSTEIN® SHOCK ABSORBERS

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BILSTEIN Motorsports Struts feature:

- Large 46mm linear piston with precise valving profiles
- 50mm OD, hard-chromed strut insert tube for strength
- 14mm piston rod for added side-load support
- Increased oil and nitrogen chamber volume for consistent performance at high operating temperatures
- High-temperature motorsport shock oil
- Durable Viton® wiper seal and inner grease seal
- Schedule 3 olive-drab zinc finish for exceptional corrosion resistance
- 100 micron stainless steel breather vent located at the base of the strut housing
- Four standard valving profiles for each of four travel lengths:
8.8", 7.8", 6.8" and 5.8" stroke
- Threaded spring seat, lock ring and spring hat for use with 2.5" ID to 4" OD barrel springs is included

BILSTEIN's Universal 46mm Motorsport Struts will be available for purchase in Winter 2012.

| Part No. | Description |
|-----------|------------------------------|
| 35-212829 | 8.8" stroke, 380/180 valving |
| 35-212867 | 8.8" stroke, 300/120 valving |
| 35-212904 | 8.8" stroke, 300/100 valving |
| 35-214373 | 8.8" stroke, 180/100 valving |
| 35-212812 | 7.8" stroke, 380/180 valving |
| 35-212850 | 7.8" stroke, 300/120 valving |
| 35-212898 | 7.8" stroke, 300/100 valving |
| 35-214366 | 7.8" stroke, 180/100 valving |
| 35-212805 | 6.8" stroke, 380/180 valving |
| 35-212843 | 6.8" stroke, 300/120 valving |
| 35-212881 | 6.8" stroke, 300/100 valving |
| 35-214359 | 6.8" stroke, 180/100 valving |
| 35-212799 | 5.8" stroke, 380/180 valving |
| 35-212836 | 5.8" stroke, 300/120 valving |
| 35-212874 | 5.8" stroke, 300/100 valving |
| 35-214342 | 5.8" stroke, 180/100 valving |

Detailed instructions outlining the critical dimensions as they relate to the components we offer will be available with each kit.



MOTORSPORTS