

| Bore | Stroke | Rod | Comp Height | Pin Diam. | Crown Vol | Wght G | Compression Ratio | Alloy | Clearance Guide | | | Part No. |
|------|--------|-----|-------------|-----------|-----------|--------|-------------------|-------|-----------------|-----|-----|----------|
| | | | | | | | | | Meas. | Min | Max | |

BMW S54 B32 3.2L E46 M3

1.2, 1.2, 2.8mm Performance Ring Set Included

CR calculated at 0.20mm below deck and 0.69mm head gasket thickness

| Bore | Stroke | Rod | Comp Height | Pin Diam. | Crown Vol | Wght G | Compression Ratio | Alloy | Meas. | Min | Max | Part No. |
|---------|--------|-------|-------------|-----------|-----------|--------|-------------------|-------|-------|--------|--------|------------|
| 87.50mm | 91.0mm | 139mm | 32.3mm | 21mm | -29.0cc | 334 | 9.1 | 2618 | 0.250 | 0.0020 | 0.0027 | 93000045* |
| 87.00mm | | | | | -13.1cc | 337 | 11.5 | 2618 | 0.250 | 0.0020 | 0.0027 | 930286125* |
| 87.25mm | | | | | | 340 | 11.6 | | | | | 930286135* |
| 87.50mm | | | | | | 343 | 11.6 | | | | | 930286145* |
| 87.25mm | | | | | -9.2cc | 354 | 12.5 | 2618 | 0.250 | 0.0020 | 0.0027 | 930000135* |
| 87.50mm | | | | | | 357 | 12.5 | | | | | 930000145* |

*Hard Anodized Top Ring Groove For Extreme Duty Applications



Meas. = The location to measure piston-to-wall clearance, referenced from the bottom of the piston skirt.
"Min" and **"Max"** is the suggested range of clearance over the coating for each application.
Compression Ratio - calculated at zero deck and 0.040" gasket unless otherwise noted.