



# VULCAN CUT-RING

## HEAD GASKETS



*A hybrid design forged to harness the best sealing properties of two head gasket types.*

### **COMPOSITE**

*Pliable, perforated metal-core composite gasket body eliminates coolant and oil leaks. **No sealant needed!***

### **STAINLESS STEEL**

*Solid stainless cut-ring 'bites' into the cylinder head forming a positive barrier against combustion pressure leaks. **No machining required!***

Designed for use with high static compression or forced-induction engines which are prone to combustion pressure leaks when using typical composite or MLS head gaskets. Especially 4-bolt-per-cylinder patterns such as BMW, Subaru, Toyota and Chevrolet LS series.

### **Engine Sealing Capability Exceeds:**

- ▶ 16:1 Static Compression Ratio
- ▶ 35 lbs. Supercharged or Turbocharged forced induction
- ▶ 250 Shot of Nitrous Oxide



# VULCAN CUT-RING HEAD GASKETS



| SCE Vulcan Cut Ring P/N | Make       | Engine Code | Engine Type | Description                                    | Bore in. | Bore mm | Thickness in. | Thickness mm |
|-------------------------|------------|-------------|-------------|--|----------|---------|---------------|--------------|
| CR330011                | BMW        | M50         | L6          | BMW 325-525 M50 E36-249cc TH1.6mm D86mm        | 3.386    | 86.00   | 0.063         | 1.60         |
| CR330012                | BMW        | M50         | L6          | BMW 325-525 M50 E36-249cc TH2mm D84.5mm        | 3.327    | 84.50   | 0.079         | 2.00         |
| CR330013                | BMW        | M50         | L6          | BMW 325-525 M50 E36-249cc TH2mm D86mm          | 3.386    | 86.00   | 0.079         | 2.00         |
| CR330014                | BMW        | M50         | L6          | BMW 325-525 M50 E36-249cc TH2mm D87mm          | 3.426    | 87.00   | 0.079         | 2.00         |
| CR330015                | BMW        | M20         | L6          | BMW 3-E30 325 TH.2mm D.85.5mm                  | 3.367    | 85.50   | 0.079         | 2.00         |
| CR330016                | BMW        | M30         | L6          | BMW M30 TH2mm D.93.1mm                         | 3.666    | 93.10   | 0.079         | 2.00         |
| CR330017                | BMW        | M30         | L6          | BMW M30 TH.2mm D.95.6mm                        | 3.764    | 95.60   | 0.079         | 2.00         |
| CR330020                | BMW        | S50         | L6          | BMW S50 B30-32 TH.1.8mm D.87.1mm               | 3.430    | 87.10   | 0.071         | 1.80         |
| CR330021                | BMW        | S14         | L4          | BMW S14B23 TH.2mm D.95mm                       | 3.741    | 95.00   | 0.079         | 2.00         |
| CR330022                | BMW        | M54         | L6          | BMW M54B25-30 TH.1.5mm D.86.0 mm               | 3.386    | 86.00   | 0.059         | 1.50         |
| CR330023                | BMW        | M54         | L6          | BMW M54B25-30 TH.1.5mm D.87.6mm                | 3.449    | 87.60   | 0.059         | 1.50         |
| CR330024                | BMW        | M60         | V8          | BMW M60 B40 TH.2mm D.90.6mm RIGHT              | 3.567    | 90.60   | 0.079         | 2.00         |
| CR330025                | BMW        | M60         | V8          | BMW M60 B40 TH.2mm D.90.6mm LEFT               | 3.567    | 90.60   | 0.079         | 2.00         |
| CR330026                | BMW        | M62         | V8          | BMW M62 448 S2 TH.2mm D.93.6mm RIGHT           | 3.686    | 93.60   | 0.079         | 2.00         |
| CR330027                | BMW        | M62         | V8          | BMW M62 448 S2 TH.2mm D.93.6mm LEFT            | 3.686    | 93.60   | 0.079         | 2.00         |
| CR330037                | BMW        | S54         | L6          | BMW S54 B32 D.87.5 SP.1.2 mm                   | 3.445    | 87.50   | 0.047         | 1.20         |
| CR330061                | BMW        | M30         | L6          | BMW M1 PROCAR M88 D.95mm TH.1.3mm              | 3.741    | 95.00   | 0.051         | 1.30         |
| CR330069                | BMW        | M49         | L6          | BMW M49 D.95Mm TH.1.30mm                       | 3.741    | 95.00   | 0.051         | 1.30         |
| CR330070                | BMW        | N20         | L4          | BMW N20 D.85Mm TH.1.20mm                       | 3.347    | 85.00   | 0.047         | 1.20         |
| CR330073                | BMW        | N63         | V8          | BMW F10/F13 D.90.5mm TH.1.1mm                  | 3.563    | 90.50   | 0.043         | 1.10         |
| CR330074                | BMW        | N54         | L6          | BMW N54 D.86mm TH.1.50mm                       | 3.386    | 86.00   | 0.059         | 1.50         |
| CR330075                | BMW        | M42         | L4          | BMW M42 D.86.5mm TH.2.0mm                      | 3.406    | 86.50   | 0.079         | 2.00         |
| CR200559                | CHEV/GM    | LS          | V8          | CHEV/GM LS 346-364 TH.1.5mm D.103mm            | 4.056    | 103.00  | 0.059         | 1.50         |
| CR201559                | CHEV/GM    | LS          | V8          | CHEV/GM LS TH.1.5mm D.105.4mm                  | 4.150    | 105.40  | 0.059         | 1.50         |
| CR190559R               | CHEVROLET  | LSX         | V8          | CHEV LSX D.103Mm TH.1.5mm RIGHT                | 4.056    | 103.00  | 0.059         | 1.50         |
| CR190559L               | CHEVROLET  | LSX         | V8          | CHEV LSX D.103MM TH.1.5mm LEFT                 | 4.056    | 103.00  | 0.059         | 1.50         |
| CR191559R               | CHEVROLET  | LSX         | V8          | CHEV LSX D.105.4MM TH.1.5mm RIGHT              | 4.150    | 105.40  | 0.059         | 1.50         |
| CR191559L               | CHEVROLET  | LSX         | V8          | CHEV LSX D.105.4MM TH.1.5mm LEFT               | 4.150    | 105.40  | 0.059         | 1.50         |
| CR191759R               | CHEVROLET  | LSX         | V8          | CHEV LSX D.106MM TH.1.5mm RIGHT                | 4.174    | 106.00  | 0.059         | 1.50         |
| CR191759L               | CHEVROLET  | LSX         | V8          | CHEV LSX D.106MM TH.1.5mm LEFT                 | 4.174    | 106.00  | 0.059         | 1.50         |
| CR199959R               | CHEVROLET  | LSX         | V8          | CHEV LSX D.101.5mm TH.1.50mm RIGHT             | 3.997    | 101.50  | 0.059         | 1.50         |
| CR199959L               | CHEVROLET  | LSX         | V8          | CHEV LSX D.101.5mm TH.1.50mm LEFT              | 3.997    | 101.50  | 0.059         | 1.50         |
| CR330057R               | MAZDA      | BP21        | L4          | MAZDA BP CUT-RING D.84.5mm TH.1.4mm            | 3.327    | 84.50   | 0.055         | 1.40         |
| CR330038                | MITSUBISHI | 4G63        | L4          | MITSUBISHI D.86.3 SP.1.3mm                     | 3.398    | 86.30   | 0.051         | 1.30         |
| CR330042                | MITSUBISHI | 4G63        | L4          | MITSUBISHI LANCER EVO SP.1.2 D.87.5            | 3.445    | 87.50   | 0.047         | 1.20         |
| CR330058                | MITSUBISHI | 4G63T       | L4          | MITSUBISHI EVO3 D.86.5mm TH.1.3mm              | 3.406    | 86.50   | 0.051         | 1.30         |
| CR330071                | MITSUBISHI | 6G72        | V6          | MITSU 3000GT D.93.5mm TH.1.20mm                | 3.682    | 93.50   | 0.047         | 1.20         |
| CR330067R               | NISSAN     | VR38        | V6          | NISSAN GTR V6 D.100.5mm TH.1mm LEFT            | 3.957    | 100.50  | 0.039         | 1.00         |
| CR330068R               | NISSAN     | VR38        | V6          | NISSAN GTR V6 D.100.5mm TH.1mm RIGHT           | 3.957    | 100.50  | 0.039         | 1.00         |
| CR330029                | FORD L4    | N5          | L4          | FORD COSWORTH TH.1.3mm D.91.4mm                | 3.599    | 91.40   | 0.051         | 1.30         |
| CR330030                | FORD L4    | N5          | L4          | FORD COSWORTH TH.1.3mm D.92.1mm                | 3.626    | 92.10   | 0.051         | 1.30         |
| CR330031                | FORD L4    | MEBA-REBA   | V6          | FORD MEBA-REBA D.97.6mm TH.1mm DX              | 3.843    | 97.60   | 0.039         | 1.00         |
| CR330032                | FORD L4    | MEBA-REBA   | V6          | FORD MEBA-REBA D.97.6mm TH.1mm SX              | 3.843    | 97.60   | 0.039         | 1.00         |
| CR330045                | FORD L5    | HUBA        | L5          | FORD FOCUS RS & ST 5 CYL TURBO D.84mm TH.1.6mm | 3.308    | 84.00   | 0.063         | 1.60         |
| CR330046                | FORD L4    | N5          | L4          | FORD ESCORT COSW D.92.1mm TH.2mm               | 3.626    | 92.10   | 0.079         | 2.00         |
| CR330063                | FORD L4    | N5          | L4          | FORD COSWORTH TH.1.3mm D.92.5mm                | 3.642    | 92.50   | 0.051         | 1.30         |
| CR330064                | FORD L4    | AOBA        | L4          | FORD DURATEC 2.0/2.3L D.88.5mm TH.1.3mm        | 3.485    | 88.50   | 0.051         | 1.30         |
| CR330065                | FORD L4    | AOBA        | L4          | FORD DURATEC 2.0/2.3L D.84mm TH.1.3mm          | 3.308    | 84.00   | 0.051         | 1.30         |
| CR330040                | SUBARU     | EJ25        | L4          | SUBARU WRX SP.1.2 D.100                        | 3.938    | 100.00  | 0.047         | 1.20         |
| CR330041                | SUBARU     | EJ20        | L4          | SUBARU WRX SP.1.2 D.93.5                       | 3.682    | 93.50   | 0.047         | 1.20         |
| CR330066                | SUBARU     | EJ25        | L4          | SUBARU EJ25 D.101.3mm TH.1.20mm                | 3.989    | 101.30  | 0.047         | 1.20         |
| CR330076                | SUBARU     | EJ25        | L4          | SUBARU WRX TH.1.20mm D.100mm                   | 3.938    | 100.00  | 0.047         | 1.20         |
| CR330044R               | TOYOTA     | 2 JZ GE     | L6          | TOYOTA 2 JZ GE 3.0L SP.1.6 D.87                | 3.426    | 87.00   | 0.063         | 1.60         |