

VRT 125

Special Repair Unit Selection Chart

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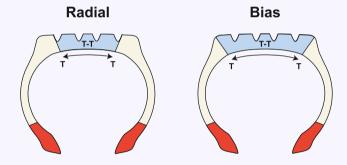
Tube Repair Unit Repair Unit Repair Unit Size **Injury Size** Repair Shape **HC Series** inches **SC Series** mm mm inches VRT 25 CRT 25 25 1 9 3/8 1-3/8 VRT 35 CRT 35 35 13 1/2 Round 45 20 VRT 45 CRT 45 1-3/4 3/4 VRT 60 CRT 60 60 2-1/4 30 1-1/8 3-1/8 50 2 VRT 80 CRT 80 80 75 **VRT 100 CRT 100** 100 3

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100

| | Repair Shape | Repai | r Unit | Repair l | Jnit Size | Injury Size | | |
|--|-----------------|-----------|-----------|-----------|---------------|-------------|-----------|--|
| | | SC Series | HC Series | mm | inches | mm | inches | |
| | Oval w L | VOT 40 | COT 40 | 40 x 30 | 1-1/2 x 1-1/8 | 3 x 13 | 1/8 x 1/2 | |
| | | VOT 65 | COT 65 | 65 x 40 | 2-1/2 x 1-1/2 | 13 x 50 | 1/2 x 2 | |
| | | VOT 100 | COT 100 | 100 x 50 | 4 x 2 | 25 x 75 | 1 x 3 | |
| | | VOT 150 | COT 150 | 150 x 70 | 6 x 2-3/4 | 35 x 100 | 1-3/8 x 4 | |
| | | VOT 160 | COT 160 | 160 x 100 | 6-1/4 x 4 | 50 x 110 | 2 x 4-1/4 | |



CRT 125

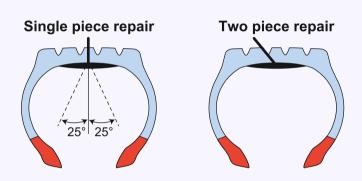
| All Purpose Repair Unit | | | | | | | | | | |
|-------------------------|-------------|-----------|------------------|--------|-------------|--------|--------------------------|---------|--|--|
| Repair | Repair Unit | | Repair Unit Size | | Injury Size | | Recommended Stem Tyre | Carbide | | |
| Shape | SC Series | HC Series | mm | inches | mm | inches | Repair Únit | Cutter | | |
| Round | VRA 45 | CRA 45 | 45 | 1-3/4 | 3 | 1/8 | VSI 06 | ECC06 | | |
| | VRA 55 | CRA 55 | 55 | 2-1/4 | 4.5 | 3/16 | VSI 06 | ECC06 | | |
| | VRA 65 | CRA 65 | 65 | 2-1/2 | 6 | 1/4 | VSI 08 | ECC08 | | |
| Square | VSA 45 | CSA 45 | 45 | 1-3/4 | 3 | 1/8 | VSI 06 | ECC06 | | |
| $ \mathbf{s} $ | VSA 55 | CSA 55 | 55 | 2-1/4 | 4.5 | 3/16 | VSI 06 | ECC06 | | |
| ₩ S | VSA 65 | CSA 65 | 65 | 2-1/2 | 6 | 1/4 | VSI 08 | ECC08 | | |

Passenger and LT Tyre Repair Crown only (T-T). Injury must be filled with appropriate filler material.

| Universal Tyre Repair Unit | | | | | | | | | | |
|----------------------------|-------------|-----------|------------------|--------|-------------|--------|-----------------------|---------|--|--|
| Repair | Repair Unit | | Repair Unit Size | | Injury Size | | Recommended Stem Tyre | Carbide | | |
| Shape | SC Series | HC Series | mm | inches | mm | inches | Repair Unit | Cutter | | |
| | VRU 45 | CRU 45 | 45 | 1-3/4 | 3 | 1/8 | VSI 06 | ECC06 | | |
| Round | VRU 60 | CRU 60 | 60 | 2-1/4 | 4.5 | 3/16 | VSI 06 | ECC06 | | |
| | VRU 75 | CRU 75 | 75 | 3 | 6 | 1/4 | VSI 08 | ECC08 | | |
| | VRU 90 | CRU 90 | 90 | 3-1/2 | 8 | 5/16 | VSI 08 | ECC08 | | |
| Square | VSU 75 | CSU 75 | 75 | 3 | 6 | 1/4 | VSI 08 | ECC08 | | |

Passenger and Medium Tyre Repair Crown only (T-T). Injury must be filled with appropriate filler material.

Note: This selection repair chart is to be used as a suggested guide only. Conditions may affect limitations by load, speed and application. Tyres with speed rating of H, V, W, Y or Z are repairable in the crown area (T-T) but should not exceed $\frac{1}{2}$ " (6 mm) or one injury per tyre in order to maintain their designated speed rating. Run flat tyres maintain the same limitation as the performance tyre except multiple nail hole repairs may be performed unless it is in the same radial cord or where repair units overlap. Performance tyres are repairable beyond the shoulder area; but the speed rating would be reduced below H rating. Repair of performance tyre should not exceed or supersede limitation of new tyre manufacturer's recommendations.



| Stem Tyre Repair Unit | | | | | | | | | | |
|-----------------------|-------------|--------|---------|--------|---------|--------------|--|--|--|--|
| Repair | Repair Unit | Stem D | iameter | Injury | Carbide | | | | | |
| Shape | SC Series | mm | inches | mm | inches | Cutter | | | | |
| | VSI 06 | 6 | 1/4 | 6 | 1/4 | ECC06 | | | | |
| | VSI 08 | 8 | 5/16 | 8 | 5/16 | ECC08 | | | | |
| | VSI 10 | 10 | 3/8 | 10 | 3/8 | ECC10 | | | | |
| | VSI 13 | 13 | 1/2 | 13 | 1/2 | ECC13 | | | | |
| ø | VSI 20 | 20 | 3/4 | 20 | 3/4 | Special type | | | | |
| | VSI 25 | 25 | 1 | 25 | 1 | Special type | | | | |

If injury penetration angle exceeds 25°, use Stem Tyre Repair Unit. To be reinforced with suitable repair unit.

| Combination Tyre Repair Unit | | | | | | | | | | |
|------------------------------|-------------|-----------|---------------|--------|--------|---------|--------------|--|--|--|
| Repair | Repair Unit | | Stem Diameter | | Injury | Carbide | | | | |
| Shape | SC Series | HC Series | mm | inches | mm | inches | Cutter | | | |
| | VCU 03 | CCU 03 | 3 | 1/8 | 3 | 1/8 | ECC03 | | | |
| Universal | VCU 4.5 | CCU 4.5 | 4.5 | 3/16 | 4.5 | 3/16 | ECC4.5 | | | |
| | VCU 06 | CCU 06 | 6 | 1/4 | 6 | 1/4 | ECC06 | | | |
| ø | VCU 08 | CCU 08 | 8 | 5/16 | 8 | 5/16 | ECC08 | | | |
| | VCU 10 | - | 10 | 3/8 | 10 | 3/8 | ECC10 | | | |
| | VCQ 06 | - | 6 | 1/4 | 6 | 1/4 | ECC06 | | | |
| | VCQ 08 | - | 8 | 5/16 | 8 | 5/16 | ECC08 | | | |
| Bias | VCB 13 | - | 13 | 1/2 | 13 | 1/2 | ECC13 | | | |
| Bids | VCB 20 | - | 20 | 3/4 | 20 | 3/4 | Special type | | | |
| Radial | VCR 10 | - | 10 | 3/8 | 10 | 3/8 | ECC10 | | | |

If the injury penetration angle is within 25°, use Combination Tyre Repair Unit.

