

Tyre & Tube Repair Products

- Specially formulated Rubber compound for extreme use
- Added Fabric reinforcement with flexible shock absorbing ply
- Product range from Bicycle to giant OTR Tyres

Bias Tyre Repair Units

Repair units available for Passenger, Light Truck, Truck, Bus, Agricultural, Industrial, Skidder, Earthmover, Grader, Loader and Dozer



Suitable for use as a nail hole, reinforcement or section repair in any repairable area of a bias ply tyre.

Specially formulated rubber compound positioned between the fabric reinforcement package and the vulcanising layer which acts as a flexible shock absorbing ply.

Unique construction enables the repair to be located near the tyre bead, eliminating the need for a separate sidewall repair unit inventory.

Works in tube type or tubeless tyres.

Passenger, Light Truck, Truck & Bus



Agricultural, Industrial & Skidder

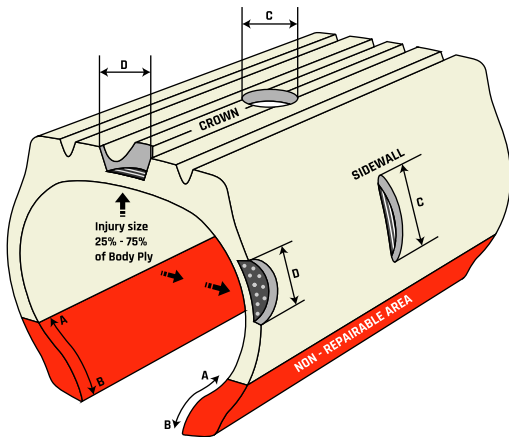


Earthmover, Grader, Loader & Dozer



Bias Repair Unit Selection Chart

Passenger, Light Truck, Truck and Bus



Legend	
A-B / B-A	NON-REPAIRABLE AREA
C	Diameter of Injury Type C - through cut
D	Diameter of Injury Type D - injuries through 25% but less than 75% of the body plies require both hole filling material and reinforced repair unit to be installed inside the tyre

Repair Restriction	
SECTION WIDTH	NON-REPAIRABLE AREA
Passenger Tyres	1 1/2" (40mm)
LT up to 7.50 (195mm)	3" (75mm)
8.25 (205mm) to 14.00 (355mm)	3 1/2" (90mm)

The above dimensions are only guidelines.

To determine suitable repair unit: For proper repair unit selection, determine the size of the injury in the tyre by measuring largest cord area removed. Locate the correct injury size along the top row of the chart then locate the tyre's ply rating (load range) along the left column of the same chart. The repair unit size shown in the box where these intersect is the recommended repair unit to use.



Ply Rating / Load Range	Maximum Injury Size - 'C'									
	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)	1/2" (15 mm)	3/4" (20 mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)	
4 / B	RU 60	RU 60	RU 75	RU 90	B 103	B 103	B 104 L	B 105	---	---
6 / C	RU 60	RU 60	RU 75	RU 90	B 103	B 103	B 104 L	B 105	B 106	B 106
8 / D	RU 60	RU 60	RU 90	B 103	B 103	B 104 L	B 104 L	B 105	B 106	B 106



Ply Rating / Load Range	Maximum Injury Size - 'C'											
	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)	1/2" (15 mm)	3/4" (20 mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)	3" (75 mm)	4" (100 mm)	5" (125 mm)
8 / D	RU 60	RU 60	RU 90	B 103	B 103	B 104 L	B 104	B 105	B 106	---	---	---
10 / E	RU 60	RU 75	RU 90	B 103	B 103	B 104 L	B 105	B 106	B 106	B 107	B 108	---
12 / F	RU 60	RU 75	RU 90	B 104 L	B 104 L	B 104	B 105	B 106	B 106	B 107	B 108	---
14 / G	RU 60	RU 75	B 103	B 104 L	B 104	B 105	B 106	B 106	B 107	B 107	B 108	B 110
16 / H	RU 60	RU 75	B 104 L	B 104	B 105	B 105	B 106	B 106	B 107	B 107	B 108	B 110
18 / J	RU 60	RU 75	B 104 L	B 105	B 105	B 106	B 106	B 107	B 108	B 108	B 109	B 110
20 / L	RU 60	RU 75	B 104	B 105	B 105	B 106	B 107	B 108	B 108	B 109	B 109	B 110



Ply Rating / Load Range	Maximum Injury Size - 'D'										
	1/4" (6 mm)	3/8" (10 mm)	1/2" (15 mm)	3/4" (20 mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)	3" (75 mm)	4" (100 mm)	5" (125 mm)
8 - 12 / D-F	RU 60	RU 75	RU 90	B 103	B 103	B 104 L	B 104	B 105	B 106	B 107	B 108
14 - 16 / G-H	RU 60	RU 75	RU 90	B 104 L	B 104	B 105	B 105	B 106	B 106	B 107	B 108
18 - 20 / J-L	RU 60	RU 90	B 104L	B 104	B 105	B 106	B 106	B 107	B 107	B 108	B 109

Repair Unit	SC Series	RU 60	RU 75	RU 90	B 103	B 104 L	B 104	B 105	B 106	B 107	B 108	B 109	B 110
Repair Unit Size	mm	Ø 60	Ø 75	Ø 90	100	120	130	165	240	290	340	380	430
	inches	2-1/4	3	3-1/2	4	4-3/4	5-5/16	6-1/2	9-9/16	11-5/8	13-5/8	15-1/8	17-1/8
Ply Rating		1	1	2	2	2	4	4	6	6	6	8	8
Quantity Per Box		25	20	10	10	15	10	10	5	5	5	3	3

Note: Load, speed and highway application condition may affect section repairs. This repair selection chart is to be used only as a guide. *Sizes under development.



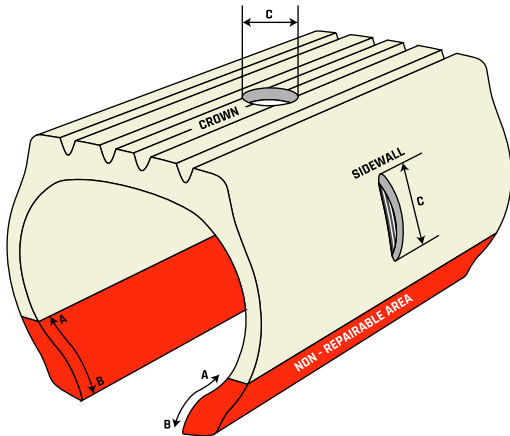
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Bias Repair Unit Selection Chart

Agricultural, Industrial and Skidder



Legend	
A-B / B-A	NON-REPAIRABLE AREA
C	Diameter of Injury Type C - through cut

Repair Restriction	
SECTION WIDTH	NON-REPAIRABLE AREA
6.00 - 8.25 (150 - 210)	3-1/8" (80mm)
14.9 - 20.8 (380 - 530)	4" (100mm)
23.1 & Larger (585 & Larger)	5" (125mm)

The above dimensions are only guidelines.

To determine suitable repair unit: For proper repair unit selection, determine the size of the injury in the tyre by measuring largest cord area removed. Locate the correct injury size along the top row of the chart then locate the tyre's ply rating (load range) along the left column of the same chart. The repair unit size shown in the box where these intersect is the recommended repair unit to use.



Ply Rating / Load Range	Maximum Injury Size - 'C'														
	1/4" (6 mm)	3/8" (10 mm)	1/2" (15 mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)	3" (75 mm)	4" (100 mm)	5" (125 mm)	6" (150 mm)	7" (175 mm)	8" (200 mm)	9" (225 mm)	10" (250 mm)
4 / B	RU 60	RU 75	RU 90	B 103	B 104 L	B 105	B 120	B 120	B 121	B 122	B 122	B 123	B 123	---	---
6 / C	RU 60	RU 75	RU 90	B 103	B 104 L	B 105	B 120	B 120	B 121	B 122	B 122	B 123	B 123	---	---
8 / D	RU 75	RU 90	RU 90	B 104 L	B 104	B 105	B 120	B 120	B 121	B 122	B 122	B 123	B 123	B 126	B 127
10 / E	RU 75	RU 90	B 103	B 104 L	B 105	B 106	B 121	B 121	B 124	B 125	B 125	B 126	B 126	B 127	B 127
12 / F	RU 75	RU 90	B 104 L	B 104	B 105	B 106	B 124	B 124	B 124	B 125	B 125	B 126	B 127	B 127	B 127
14 / G	RU 75	B 104 L	B 104 L	B 105	B 106	B 106	B 124	B 125	B 125	B 125	B 126	B 127	B 127	B 127	---
16 / H	RU 75	B 104 L	B 104	B 105	B 106	B 106	B 125	B 125	B 125	B 126	B 126	B 127	B 127	---	---
18 / J	RU 90	B 104	B 105	B 106	B 106	B 107	B 125	B 125	B 126	B 126	B 127	B 127	B 127	---	---



Ply Rating / Load Range	Maximum Injury Size - 'C'												
	1/2" (15 mm)	1" (25 mm)	2" (50 mm)	3" (75 mm)	4" (100 mm)	5" (125 mm)	6" (150 mm)	7" (175 mm)	8" (200 mm)	9" (225 mm)	10" (250 mm)	11" (275 mm)	12" (300 mm)
6 - 8	B 103	B 104 L	B 105	B 120	B 121	B 122	B 122	B 123	B 123	B 126	B 127	B 150	B 154
10 - 12	B 104 L	B 104	B 106	B 124	B 142	B 142	B 142	B 146	B 146	B 150	B 150	B 154	B 154
14 - 16	B 104	B 105	B 106	B 125	B 142	B 142	B 146	B 150	B 150	B 150	B 154	B 154	B 154
18 - 20	B 105	B 106	B 108	B 109	B 142	B 146	B 150	B 150	B 150	B 154	B 154	B 154	B 154
22 - 24	B 106	B 162	B 163	B 164	B 146	B 150	B 150	B 154	B 154	B 154	B 154	B 169	B 169
26 - 28	B 162	B 162	B 163	B 165	B 165	B 166	B 167	B 168	B 169	B 169	B 169	B 169	B 170

Repair Unit	SC Series	RU 60	RU 75	RU 90	B 103	B 104 L	B 104	B 105	B 106	B 107	B 120	B 121	B 122	B 123	B 124	B 125	B 126	B 127	B 142	B 146	B 150	B 154	B 162	B 163	B 164	B 165	B 166	B 167	B 168	B 169	B 170
Repair Unit Size	mm	Ø 60	Ø 75	Ø 90	100	120	130	165	240	290	200	225	275	375	225	275	375	490	300	400	500	600	205	230	285	340	380	430	480	530	585
	inches	2-1/4	3	3-1/2	4	4-3/4	5-5/16	6-1/2	9-9/16	11-5/8	8	9	11	15	9	11	15	19-1/2	12	16	20	24	8-1/8	9-1/8	11-1/4	13-3/8	15	17	18-7/8	20-7/8	23
Ply Rating		1	1	2	2	2	4	4	6	6	4	4	4	4	6	6	6	6	3	3	3	4	4	4	6	6	6	8	8	10	10
Quantity Per Box		25	20	10	10	15	10	10	5	5	10	5	5	5	5	5	5	3	12	6	6	3	10	5	5	5	3	1	1	1	1

Note: Load, speed and highway application condition may affect section repairs. This repair selection chart is to be used only as a guide. *Sizes under development.

CROWN INJURIES ONLY



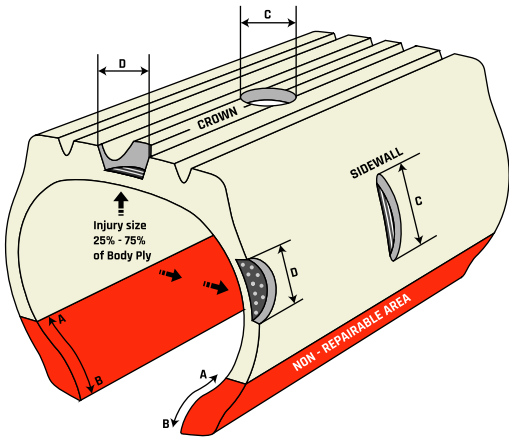
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Bias Repair Unit Selection Chart

Earthmover, Grader, Loader and Dozer



Legend	
A-B / B-A	NON-REPAIRABLE AREA
C	Diameter of Injury Type C - through cut
D	Diameter of Injury Type D - injuries through 25%, but less than 75% of the body plies require both hole filling material and reinforced repair unit to be installed inside the tyre

Repair Restriction	
SECTION WIDTH	NON-REPAIRABLE AREA
14.00 & Smaller (15.5 - 17.5)	4" (100mm)
16.00 - 18.00 (20.5 - 23.5)	5" (125mm)
21.00 - 24.00 (26.5 - 33.25)	6" (150mm)
27.00 - 33.00 (33.5 - 37.5)	8" (200mm)
40 / 65 - 65 / 65	10" (250mm)
36.00 - 40.00	12" (300mm)

The above dimensions are only guidelines.

To determine suitable repair unit: For proper repair unit selection, determine the size of the injury in the tyre by measuring largest cord area removed. Locate the correct injury size along the top row of the chart then locate the tyre's ply rating (load range) along the left column of the same chart. The repair unit size shown in the box where these intersect is the recommended repair unit to use.



Ply Rating / Load Range	Maximum Injury Size - 'C'														
	1/2" (15mm)	1" (25 mm)	1-1/2" (40 mm)	2" (50 mm)	2-1/2" (65 mm)	3" (75 mm)	4" (100 mm)	5" (125 mm)	6" (150 mm)	7" (175 mm)	8" (200 mm)	9" (225 mm)	10" (250 mm)	11" (275 mm)	12" (300 mm)
6 - 8	B 161	B 162	B 162	B 162	B 162	B 163	---	---	---	---	---	---	---	---	---
10 - 12	B 161	B 162	B 162	B 162	B 162	B 163	B 164	---	---	---	---	---	---	---	---
14 - 16	B 161	B 162	B 162	B 163	B 163	B 164	B 164	B 164	B 165	---	---	---	---	---	---
18 - 20	B 162	B 162	B 162	B 163	B 163	B 164	B 164	B 165	B 165	B 166	---	---	---	---	---
22 - 24	B 162	B 162	B 162	B 163	B 163	B 164	B 165	B 165	B 166	B 167	B 167	B 168	---	---	---
26 - 28	B 162	B 162	B 163	B 163	B 164	B 165	B 165	B 166	B 167	B 167	B 168	B 169	B 169	B 169	B 170
30 - 36	B 162	B 162	B 163	B 163	B 164	B 165	B 166	B 166	B 167	B 168	B 169	B 169	B 169	B 170	B 170
38 - 44	B 162	B 162	B 163	B 163	B 164	B 166	B 166	B 167	B 168	B 168	B 169	B 169	B 170	B 170	B 170
46 - 50	B 162	B 163	B 164	B 164	B 165	B 166	B 167	B 168	B 168	B 169	B 170	B 170	B 171	B 171	B 171
52 - 58	B 162	B 163	B 164	B 164	B 165	B 166	B 167	B 168	B 168	B 170	B 170	B 171	B 171	B 171	B 171
60+	B 162	B 164	B 165	B 165	B 166	B 167	B 168	B 168	B 169	B 170	B 171	B 171	B 171	B 171	---

Repair Unit	Repair Unit Size		Ply Rating	Quantity Per Box
	mm	inches		
SC Series				
B 161	180	7-1/8	2	10
B 162	205	8-1/8	4	10
B 163	230	9-1/8	4	5
B 164	285	11-1/4	6	5
B 165	340	13-3/8	6	5
B 166	380	15	6	3
B 167	430	17	8	1
B 168	480	18-7/8	8	1
B 169	530	20-7/8	10	1
B 170	585	23	10	1
B 171	620	24-3/8	10	1



Ply Rating	Maximum Injury Size - 'D'						
	1" (25mm)	2" (50mm)	3" (75mm)	4" (100mm)	6" (150mm)	8" (200mm)	10" (250mm)
10 - 14	B 161	B 162	B 163	B 163	B 164	---	---
16 - 20	B 162	B 162	B 163	B 163	B 164	---	---
22 - 28	B 162	B 162	B 164	B 164	B 165	B 167	B 168
30 - 44	B 162	B 162	B 165	B 165	B 166	B 168	B 169
46 - 58	B 163	B 164	B 165	B 166	B 167	B 169	B 170
60+	B 163	B 164	B 166	B 167	B 168	B 170	B 171

Note: Load, speed and highway application condition may affect section repairs. This repair selection chart is to be used only as a guide.

CROWN INJURIES ONLY



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Radial Tyre Repair Units

Repair units available for Passenger, Light Truck, Truck, Bus, Agricultural, Industrial, Skidder, Earthmover, Grader, Loader and Dozer



Suitable for use as a nail hole, reinforcement or section repair in any repairable area of radial tyres.

Specially formulated rubber compound positioned between the fabric reinforcement package and the vulcanising layer which acts as a flexible shock absorbing ply.

Repair units available specifically for Shoulder, Sidewall and Crown placement saving material cost, labour preparation and better fitment.

Unique repair unit design allows for Centre-Over-Injury (C-O-I) application.

Works in tube type or tubeless tyres.

Passenger, Light Truck, Truck & Bus



Agricultural, Industrial & Skidder

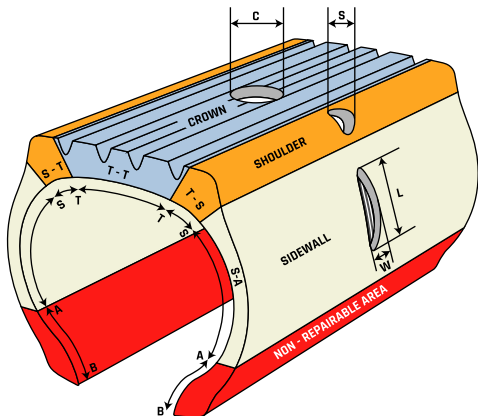


Earthmover, Grader, Loader & Dozer



Radial Repair Unit Selection Chart

Passenger, Light Truck, Truck and Bus



Legend	
T-T	CROWN
C	Diameter of injury
T-S / S-T	SHOULDER
S	Diameter of injury
S-A / A-S	SIDEWALL
L	Length of injury
W	Width of injury
A-B / B-A	NON-REPAIRABLE AREA

Repair Restriction		
SECTION WIDTH	NON-REPAIRABLE AREA	SHOULDER
Passenger Tyres	1-1/2" (40 MM)	1" (25 MM)
6.50-7.00 (165-195)	2-1/2" (65 MM)	
7.50-16.00 (190-385)	3" (75 MM)	1-1/2" (40 MM)
17.50-23.50 (425-600)	3-1/2" (90 MM)	

The above dimensions are only guidelines.



■ Tubes Tyres
■ Tubeless Tyres

CROWN Injury Diameter	SHOULDER Injury Diameter	SIDEWALL Injury		Speed Rating ≤U
		Width	Length	
1/4" (6 mm)	1/4" (6 mm)			R 110
				R 114
		1/4" (6 mm)	1/2" (13 mm)	R 110
		1/4" (6 mm)	2" (50 mm)	R 112
3/8" (10 mm)	3/8" (10 mm)			R 110 H
				R 114
		3/8" (10 mm)	1-1/2" (40 mm)	R 112 H
		3/8" (10 mm)	2" (50 mm)	R 114
1/2" (13 mm)	1/2" (13 mm)			R 112H
				R 114
		1/2" (13 mm)	1-1/2" (40 mm)	R 114
		1/2" (13 mm)	2" (50 mm)	R 114
3/4" (20 mm)	3/4" (20 mm)			R 112H
				R 114
		3/4" (20 mm)	1-1/2" (40 mm)	R 112 H
		3/4" (20 mm)	2" (50 mm)	R 114
1" (25 mm)	1" (25 mm)			R 114
				R 114
		1" (25 mm)	1-1/2" (40 mm)	R 114
		1" (25 mm)	2" (50 mm)	R 114

Note of Passenger Tyres: Tyres with speed rating of H, V, W, Y or Z are repairable in the crown area (T-T) but should not exceed 1/4" (6mm) 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 Unit	Repair Unit Size		Ply Rating	Quantity Per Box
	mm	inches		
R 110	45 x 75	1-3/4 x 3	1	20
R 110 H	65 x 80	2-1/2 x 3-1/4	1	10
R 112	60 x 110	2-3/8 x 4-3/8	1	10
R 112 H	70 x 115	2-3/4 x 4-5/8	1	10
R 114	75 x 145	3 x 5-3/4	1	10
R 120	75 x 125	3 x 5	2	10
R 122	75 x 165	3 x 6-1/2	2	10
R 122 S	75 x 165	3 x 6-1/2	1	10
R 124	75 x 215	3 x 8-1/2	2	10
R 124 S	75 x 215	3 x 8-1/2	1	10
R 126	75 x 250	3 x 10	3	10
R 126 S	75 x 250	3 x 10	1	10
R 128	75 x 325	3 x 12-3/4	3	10
R 128 S	75 x 325	3 x 12-3/4	1	10
R 133	100 x 125	4 x 5	3	10
R 135	125 x 150	5 x 6	4	10
R 137	125 x 170	5 x 6-3/4	4	5
R 140	100 x 200	4 x 8	3	10
R 142	125 x 250	5 x 10	3	5
R 144	125 x 330	5 x 13	4	5
R 146	140 x 405	5-1/2 x 16	4	5

Note: Repair unit mentioned for crown are limited to (T-T) crown area only. All other repair units mentioned for special repair can be used for crown or sidewall injuries. For (S-T) shoulder area up to 3/8" (10 mm) injury use RS - Radial Shoulder repair only. Repair on performance tyre should not exceed or supersede limitation of the new tyre manufacturer's recommendations. All injuries should be filled and supported with the appropriate repair unit. Load, speed and highway application condition may affect section repairs. This repair selection chart is to be used as a guide. *Sizes under development.

CROWN Injury Diameter	SHOULDER Injury Diameter	SIDEWALL Injury		LIGHT TRUCK Tyre Size Load Range =E	TRUCK & BUS Tyre Size			
		Width	Length		6.50 - 12.50	7.50 - 10.00	11.00 - 14.00	12 - 16.5
1/8" (3 mm)	1/8" (3 mm)			LT 215 - 285	8-11 235/80 - 275/80 225/75 - 295/75	12 - 16.5 295/80	315/80 495/65 425/50 - 495/45	
				R 110	R 110 H	R 110 H	R 110 H	R 110 H
1/4" (6 mm)	1/4" (6 mm)			R 110	R 120	R 120	R 120	R 120
				R 110	R 110 H	R 110 H	R 110 H	R 110 H
5/16" (8 mm)	5/16" (8 mm)			R 112	R 112 H	R 112 H	R 112 H	R 112 H
				R 122 S	R 124 S	R 124 S	R 126 S	R 126 S
3/8" (10 mm)	3/8" (10 mm)			R 120	R 120	R 120	R 120	R 120
				R 124 S	R 124 S	R 126 S	R 128 S	R 128 S
1/2" (13 mm)	1/2" (13 mm)	1 Cable	1-1/2" (40 mm)	R 120	R 120	R 120	R 120	R 120
		1 Cable	3-1/8" (80 mm)	R 122	R 122	R 124	R 124	R 124
		1 Cable	4-3/4" (120 mm)		R 124	R 124	R 126	R 126
		1 Cable	6" (150 mm)		R 126	R 126	R 128	R 128
		2 Cable	3/4" (20 mm)	R 120	R 120	R 124	R 124	R 124
		2 Cable	1-1/2" (40 mm)	R 120	R 122	R 124	R 124	R 124
		2 Cable	2-3/8" (60 mm)	R 122	R 124	R 126	R 126	R 126
		2 Cable	5-1/8" (130 mm)		R 126	R 126	R 128	R 128
		3/8" (10 mm)	1-1/2" (40 mm)	R 120	R 126	R 140	R 140	R 140
		3/8" (10 mm)	2-3/8" (60 mm)	R 122	R 126	R 140	R 140	R 140
		3/8" (10 mm)	3-1/8" (80 mm)	R 126	R 140	R 142	R 142	R 142
		3/8" (10 mm)	5-1/8" (130 mm)		R 142	R 144	R 144	R 144
3/4" (20 mm)	3/4" (20 mm)			R 133	R 133	R 133	R 133	
				R 140	R 140	R 140	R 140	
		1/2" (13 mm)	1-1/2" (40 mm)	R 122	R 140	R 140	R 140	
		1/2" (13 mm)	2-3/4" (70 mm)	R 122	R 140	R 142	R 142	
1" (25 mm)	1" (25 mm)	1/2" (13 mm)	2-3/4" (95 mm)	R 140	R 142	R 142	R 142	
		1/2" (13 mm)	5-1/8" (130 mm)		R 144	R 144	R 144	
				R 133	R 135	R 135	R 135	
				R 140	R 142	R 142	R 142	
1-1/4" (32 mm)	1-1/4" (32 mm)	3/4" (20 mm)	1" (25 mm)	R 122	R 140	R 140	R 140	
		3/4" (20 mm)	2-1/2" (65 mm)	R 124	R 142	R 142	R 142	
		3/4" (20 mm)	4-3/8" (110mm)		R 142	R 144	R 144	
		3/4" (20 mm)	5-1/8" (130 mm)		R 144	R 144	R 144	
1-1/4" (32 mm)	1-1/4" (32 mm)			R 133	R 135	R 137	R 137	
				R 140	R 144	R 144	R 144	
		1" (25 mm)	2" (50 mm)	R 140	R 142	R 144	R 144	
		1" (25 mm)	3-1/8" (80 mm)		R 142	R 144	R 144	
1-1/4" (32 mm)	1-1/4" (32 mm)	1" (25 mm)	4" (100 mm)		R 144	R 144	R 144	
				R 135	R 137	R 137	R 137	
				R 144	R 144	R 144	R 144	
				R 146	R 146	R 146	R 146	



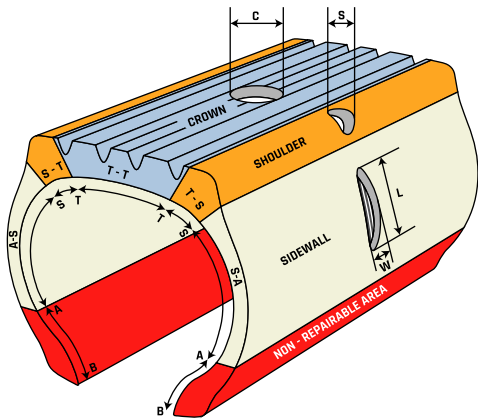
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Radial Repair Unit Selection Chart

Earthmover, Grader, Loader and Dozer



TO DETERMINE CROWN INJURY REPAIR AREA

Radial / OTR Crown Dimensions:

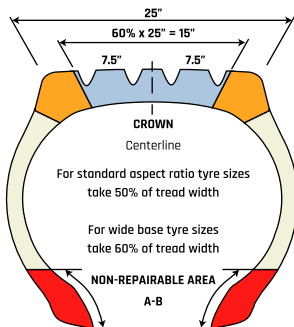
Crown is defined as 50% of tread face for standard aspect ratio. Tyre sizes and 60% of tread face for wide base sizes. All measurements are taken on the outside surface of the tyre.

Standard Aspect Tyre Size Example (24.00 R35):

If the tread face measures 24" (610 mm) wide, wherein 50% of the crown area is 12" (300 mm) or 6" (150 mm) on each side of the tread center line. The injury must be located in this area to be considered as a crown area repair.

Wide Base Tyre Size Example (29.5 R 29):

If the tread face measures 25" (635 mm) wide, wherein 60% of the crown area is 15" (380 mm) or 7.5" (190 mm) on each side of the tread center line. The injury must be located in this area to be considered as a crown area repair.



Repair Unit	Repair Unit Size		Ply Rating	Quantity Per Box
	mm	inches		
R 142	125 x 250	5 x 10	3	5
R 144	125 x 330	5 x 13	4	5
R 145	230 x 195	9-1/8 x 7-3/4	-	5
R 146	405 x 140	16 x 5-1/2	4	5
R 150	190 x 500	7-1/2 x 19-3/4	5	3
R 152	250 x 570	10 x 22-1/2	5	3
* R 155	330 x 260	13 x 10-1/4	-	-
* R 156	265 x 735	10-1/2 x 29	-	-
R 160	265 x 860	10-1/2 x 34	7	3
* R 162	325 x 1030	12-3/4 x 40-1/2	-	-
* R 165	420 x 330	16-1/2 x 13	-	-
R 172	345 x 760	13-3/4 x 30	7	1
* R 175	535 x 450	20-3/4 x 17-3/4	-	-
* R 185	710 x 560	28 x 22	-	-

Note: Repair unit mentioned for crown are limited to (T-T) crown area only. All other repair units mentioned for special repair can be used for crown or sidewall injuries. For (S-T) shoulder area up to 3/8" (10 mm) injury use RS - Radial Shoulder repair only. Repair on performance tyre should not exceed or supersede limitation of the new tyre manufacturer's recommendations. All injuries should be filled and supported with the appropriate repair unit. Load, speed and highway application condition may affect section repairs. This repair selection chart is to be used as a guide. *Sizes under development.

Legend		Repair Restriction		
T-T	CROWN	SECTION WIDTH	NON-REPAIRABLE AREA	SHOULDER
C	Diameter of injury			
T-S / S-T	SHOULDER	14.00 - 16.00 (15.5 - 17.5)	3" (75 mm)	1-1/2" (40 mm)
S	Diameter of injury	18.00 - 24.00 (20.5 - 29.5)	5" (125 mm)	2-3/4" (70 mm)
S-A / A-S	SIDEWALL	27.00 - 33.00 (33.25 - 37.5)	6" (150 mm)	
L	Length of injury	40/65 - 50/65 (40.5)	6-3/4" (170 mm)	
W	Width of injury	36.00	8" (200 mm)	3-1/2" (90 mm)
A-B / B-A	NON-REPAIRABLE AREA	37.00 - 40.00 (50.5 & Larger)	10" (255 mm)	

The above dimensions are only guidelines.



Inner Liner removed on these sizes

CROWN Injury Diameter	SHOULDER Injury Diameter	SIDEWALL Injury		OTR Tyre Size					
		Width	Length	14.00 - 16.00 15.5 - 20.5 20/65 - 30/65	18.00 - 21.00 23.5 - 26.5 35/65	24.00 - 30.00 29.5 - 26.5 40/65 - 45 - 65	33.00 - 40.00 48/95 - 59/80 50/65 - 65/65		
3/8" (10 mm)		3/8" (10 mm)	3" (75 mm)	R 142	R 142	R 142	R 144		
		3/8" (10 mm)	4-3/8" (110 mm)	R 142	R 142	R 144	R 144		
3/4" (20 mm)	3/4" (20 mm)	3/4" (20 mm)	2" (50 mm)	R 145	R 145	R 145	R 145		
		3/4" (20 mm)	5-1/2" (140 mm)	R 146	R 146	R 150	R 152		
		3/4" (20 mm)	8" (200 mm)	R 142	R 144	R 144	R 150		
1" (25 mm)	1" (25 mm)	1" (25 mm)	5" (125 mm)	R 146	R 146	R 146	R 150		
		1" (25 mm)	8" (200 mm)	R 145	R 145	R 145	R 145		
		1-1/4" (30 mm)	4" (100 mm)	R 146	R 146	R 146	R 150		
		1-1/4" (30 mm)	10" (250 mm)	R 145	R 145	R 145	R 145		
1-1/2" (40 mm)	1-1/2" (40 mm)	1-1/2" (40 mm)	3-1/2" (90 mm)	R 145	R 150	R 152	R 152		
		1-1/2" (40 mm)	10" (250 mm)	R 146	R 150	R 152	R 152		
		1-1/2" (40 mm)	14" (350 mm)	R 142	R 144	R 144	R 150		
		1-1/2" (40 mm)	16" (400 mm)	R 146	R 146	R 146	R 150		
		1-3/4" (45 mm)	6-1/2" (165 mm)	R 145	R 145	R 145	R 145		
		1-3/4" (45 mm)	10" (250 mm)	R 146	R 146	R 146	R 150		
		1-3/4" (45 mm)	14" (350 mm)	R 150	R 150	R 152	R 156		
		1-3/4" (45 mm)	16" (400 mm)	R 145	R 145	R 155	R 155		
2" (50 mm)	2" (50 mm)	2" (50 mm)	7" (175 mm)	R 155	R 155	R 155	R 165		
		2" (50 mm)	10" (250 mm)	R 150	R 152	R 156	R 156		
		2" (50 mm)	14" (350 mm)	R 152	R 152	R 152	R 152		
		2" (50 mm)	16" (400 mm)	R 152	R 152	R 152	R 152		
		2" (50 mm)	19" (475 mm)	R 156	R 160	R 160	R 160		
2-3/4" (70 mm)	2-1/2" (65 mm)	2-3/4" (70 mm)	8" (200 mm)	R 155	R 165	R 165	R 165		
		2-3/4" (70 mm)	10" (250 mm)	R 155	R 156	R 172	R 172		
		2-3/4" (70 mm)	13-1/2" (340 mm)	R 156	R 156	R 172	R 172		
		3-1/2" (90 mm)	7" (175 mm)	R 155	R 162	R 162	R 162		
		3-1/2" (90 mm)	8" (200 mm)	R 152	R 152	R 152	R 156		
		3-1/2" (90 mm)	10" (250 mm)	R 152	R 156	R 156	R 172		
		3-1/2" (90 mm)	10" (250 mm)	R 156	R 156	R 156	R 172		
		3-1/2" (90 mm)	12-1/2" (315 mm)	R 156	R 156	R 160	R 160		
		4" (100 mm)	3-1/2" (90 mm)	4" (100 mm)	5-1/2" (140 mm)	R 152		R 175	R 175
				4" (100 mm)	7-1/2" (190 mm)		R 152	R 152	R 156
4" (100 mm)	10-1/2" (265 mm)				R 156	R 156	R 172		
4-3/8" (110 mm)	5" (125 mm)			R 152	R 152	R 152	R 162		
4-3/8" (110 mm)	7" (175 mm)				R 156	R 156	R 172		
4-3/8" (110 mm)	10" (250 mm)						R 162		
4-3/4" (120 mm)	4-1/2" (115 mm)			R 152	R 152	R 156	R 156		
4-3/4" (120 mm)	6" (150 mm)				R 156	R 160	R 160		
5" (125 mm)	4-3/4" (120 mm)	5" (125 mm)	4" (100 mm)			R 185	R 185		
		5" (125 mm)	5" (125 mm)		R 172	R 172	R 172		
		5" (125 mm)	7" (175 mm)		R 160	R 160	R 160		
		6" (150 mm)	3" (75 mm)		R 172	R 172	R 172		
		6" (150 mm)	5-1/2" (140 mm)			R 172	R 172		
		6" (150 mm)	5-1/2" (140 mm)			R 185	R 185		
6-1/2" (165 mm)	5" (125 mm)	6-1/2" (165 mm)	5" (125 mm)			R 172	R 172		



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Special Repair Unit

Made with Dual Core 'SC' - Soft Cushion of vulcanising rubber. Unique vulcanising gum allowing for permanent repairs to vulcanise in all types of retreading systems or used as a chemical vulcanising repair.



Tube Repair Units

Round



Oval



- Designed for repair of all types of inner tubes.
- Twice as strong as the tube being repaired.
- Feather-edge design to prevent chaffing.
- Available in a range of round and oval shapes.

All Purpose Repair Units

Round



Square



- Suitable up to a maximum of 10mm (3/8").
- Rubber reinforced to resist dimpling of the repair.
- Designed for use in conjunction with the appropriate JeT Stem inserts for a 2-piece repair.
- Available in a range of round and square sizes.

Universal Tyre Repair Units

Round & Square



- Designed for use in tube-type or tubeless radial tyres or bias ply tyres.
- For repair injury sizes ranging from pinhole punctures up to 10mm (3/8").
- Made with a unique fabric reinforcement.
- Designed for use in conjunction with the appropriate JeT Stem inserts for a 2-piece repair.

Stem Tyre Repair Units



- Suitable for 2 piece repairs with the appropriate repair units process for injuries at an angle greater than 25 degrees.
- Available with lead wire or rubber installation guide for easy installations.
- Provides the required compression for the injury when used with the appropriate cutter.

Combination Tyre Repair Units

Universal



Bias



Radial



- Ultimate combination repair unit for all types of tyres.
- Works for injuries up to 25 degree angles.
- Available with lead wire, metal quill or rubber installation guides.



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

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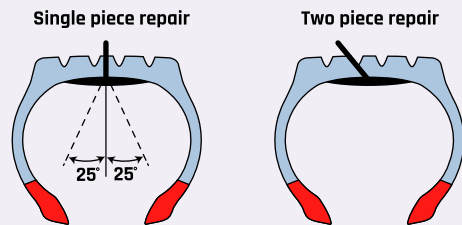
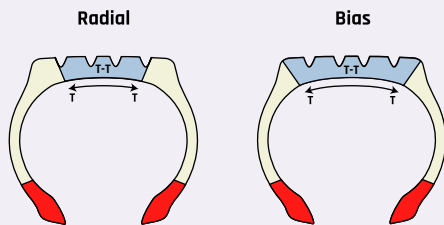
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Special Repair Unit Selection Chart





Tube Repair Unit

Repair Shape	Repair Unit	Repair Unit Size		Injury Size		Quantity Per Box
		mm	inches	mm	inches	
 Round ϕ	RT 25	25	1	9	3/8	140
	RT 35	35	1-3/8	13	1/2	50
	RT 45	45	1-3/4	20	3/4	40
	RT 60	60	2-1/4	30	1-1/8	30
	RT 80	80	3-1/8	50	2	20
	RT 100	100	4	75	3	20
	RT 125	125	5	100	4	10
 Oval W L	OT 40	40 x 30	1-1/2 x 1-1/8	3 x 13	1/8 x 1/2	100
	OT 65	65 x 40	2-1/2 x 1-1/2	13 x 50	1/2 x 2	30
	OT 100	100 x 50	4 x 2	25 x 75	1 x 3	20
	OT 150	150 x 70	6 x 2-3/4	35 x 100	1-3/8 x 4	20
	OT 160	160 x 100	6-1/4 x 4	50 x 110	2 x 4-1/4	10

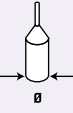


All Purpose Repair Unit

Repair Shape	Repair Unit	Repair Unit Size		Injury Size		Recommended Stem Tyre Repair Unit	Carbide Cutter	Quantity Per Box
		mm	inches	mm	inches			
 Round ϕ	RA 45	45	1-3/4	3	1/8	S 06	ECC06	100
	RA 55	55	2-1/4	4.5	3/16	S 06	ECC06	30
	RA 65	65	2-1/2	6	1/4	S 08	ECC08	50
 Square S S	SA 45	45	1-3/4	3	1/8	S 06	ECC06	100
	SA 55	55	2-1/4	4.5	3/16	S 06	ECC06	80
	SA 65	65	2-1/2	6	1/4	S 08	ECC08	20


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

Stem Tyre Repair Unit

Repair Shape	Repair Unit	Stem Diameter		Injury Size		Carbide Cutter	Quantity Per Box
		mm	inches	mm	inches		
 ϕ	S 06	6	1/4	6	1/4	ECC06	20
	S 08	8	5/16	8	5/16	ECC08	20
	S 10	10	3/8	10	3/8	ECC10	20
	S 13	13	1/2	13	1/2	ECC13	10
	S 20	20	3/4	20	3/4	Special type	10
	S 25	25	1	25	1	Special type	10

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

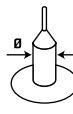
Universal Repair Unit

Repair Shape	Repair Unit	Repair Unit Size		Injury Size		Recommended Stem Tyre Repair Unit	Carbide Cutter	Quantity Per Box
		mm	inches	mm	inches			
 Round ϕ	RU 45	45	1-3/4	3	1/8	S 06	ECC06	30
	RU 60	60	2-1/4	4.5	3/16	S 06	ECC06	25
	RU 75	75	3	6	1/4	S 08	ECC08	20
	RU 90	90	3-1/2	8	5/16	S 08	ECC08	10
Square	SU 75	75	3	6	1/4	S 08	ECC08	30

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. Condition may affect limitations by load, speed and application. Tyres with speed rating of H,W,V,Y or Z are repairable in the crown area (T-T) but should not exceed 1/4" (6mm) 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.

Combination Tyre Repair Unit

Repair Shape	Repair Unit	Stem Diameter		Injury Size		Carbide Cutter	Quantity Per Box
		mm	inches	mm	inches		
 ϕ	CU 03	3	1/8	3	1/8	ECC03	24
	CU 4.5	4.5	3/16	4.5	3/16	ECC4.5	24
	CU 06	6	1/4	6	1/4	ECC06	24
	CU 08	8	5/16	8	5/16	ECC08	24
	CU 10	10	3/8	10	3/8	ECC10	10
	CQ 06	6	1/4	6	1/4	ECC06	24
	CQ 08	8	5/16	8	5/16	ECC08	24
	Bias	CB 13	13	1/2	13	1/2	ECC13
CB 20		20	3/4	20	3/4	Special Type	6
Radial	CR 10	10	3/8	10	3/8	ECC10	10

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



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