

CENTECH RADIAL REPAIR CHART



A-B - Non-Repairable Area

C - Maximum Diameter of damaged radial Cables

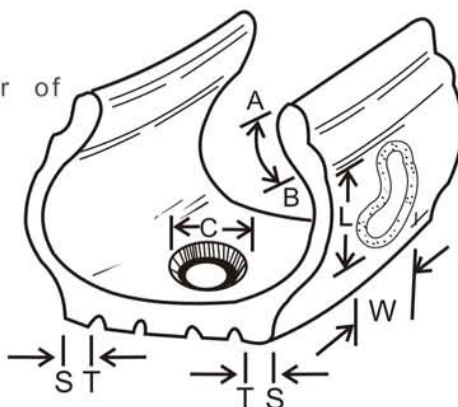
W - Width of Injury

L - Length of Injury

S-T - Shoulder Area

1 1/2 or 40 mm

T-T - Crown Area



A-B - Non-Repairable Area

Passenger and light truck tires 1 1/2", 40mm

Section Width

6.50-7.00 (165-195) 2 1/2", 65mm

7.50-16.00 (190-385) 3", 75mm

17.5-23.5 (425-600) 3 1/2", 90mm

Non-repairable area is measured from the bead toe down the inside of the inner liner of the tire.



Sidewall Injury		Passenger Tire Sizes		Crown Injury ø Diameter
Width	Length	125-175	185-255	
1/4" (6mm)	1/2" (13mm)	10	10	1/4" (6mm)
1/4" (6mm)	2" (50mm)	12	12	
3/8" (10mm)	3/8" (10mm)	10	10	3/8" (10mm)
3/8" (10mm)	1 1/2" (40mm)	12	12	
3/8" (10mm)	2" (50mm)	14	14	
1/2" (13mm)	1 1/2" (40mm)	12	12	1/2" (13mm)
1/2" (13mm)	2" (50mm)	14	14	
3/4" (20mm)	3/4" (20mm)	12	12	3/4" (20mm)
3/4" (20mm)	1 1/2" (40mm)	12	14	
3/4" (20mm)	2" (50mm)	14	14	
1" (25mm)	1 1/2" (40mm)	14	14	
1" (25mm)	2" (50mm)	14	22	1" (25mm)

Repair Units In Red Are To Be Used For Crown Or Sidewall Injuries. To Maintain Their Speed Rating, Passenger Tires Carrying A Speed Rating Of H, V, Or Z Should Only Be Repaired In The Crown (T-T) Area With A Maximum Limitation Of 1/4" (6mm).



Sidewall Injury		Tractor Tire Sizes		Crown Injury ø Diameter
Width	Length	8-11 8.3-12.4	12-15 13.6-30.5 440/65-800/65	
1/4" (6mm)	1/4" (6mm)	12	12	3/8" (10mm)
3/8" (10mm)	3/8" (10mm)	12	12	
3/8" (10mm)	1 1/2" (40mm)	20	20	
3/8" (10mm)	5" (125mm)	26	26	
3/4" (20mm)	3/4" (20mm)	20	20	3/4" (20mm)
3/4" (20mm)	3" (75mm)	22	80	
1 1/2" (40mm)	4" (100mm)	80	82	1 1/2" (40mm)
2" (50mm)	3 1/4" (80mm)	80	82	2 3/4" (70mm)
2 1/2" (65mm)	3" (75mm)	80	82	
2 1/2" (65mm)	4" (100mm)	82	82	
2 3/4" (70mm)	2 3/4" (70mm)	80	82	
3 1/4" (80mm)	3 1/4" (80mm)		82	3 1/2" (90mm)
3 1/4" (80mm)	5 1/4" (130mm)		84	
3 1/2" (90mm)	4 1/2" (115mm)		84	
4" (100mm)	4" (100mm)		84	
4" (100mm)	6 1/2" (165mm)		86	5 1/4" (130mm)
5 1/4" (130mm)	5 1/4" (130mm)		86	

Repair Units In Red Are To Be Used For Crown Or Sidewall Injuries. Note: This Section Repair Chart Is A Guideline Only. Load, Speed And Highway Application Can Affect The Limitations Of Section Repairs.



Sidewall and Shoulder Injury		Truck Tire Sizes			Crown Injury ø Diameter (T-T Area)
Width	Length	Light Truck		Heavy Truck	
		6.50-12.50 7-10 215/85-255/85 215/75-265/75	7.50-10.00 8-11 235/80-275/80 245/75-285/75	11.00-14.00 12-16.5 295/80-315/80 295/75-445/65 425/50-495/45	
1/8" (3mm)	1/8" (3mm)	10	10HDI, 20	10HDI, 20	1/8" (3mm)
1/4" (6mm)	1/4" (6mm)	12	12HDI, 20	12HDI, 20	1/4" (6mm)
1 Cable	1 1/2", (40mm)	20	20	20	3/8", (10mm)
1 Cable	3 1/4", (80mm)	22	22	22	
1 Cable	4 3/4", (120mm)		24	24	
1 Cable	6", (150mm)		26	26	
2 Cable	3/4" (20mm)	20	20	22	3/8", (10mm)
2 Cable	1 1/2", (40mm)	20	22	24	
2 Cable	2 3/4", (60mm)	22	24	26	
2 Cable	5 1/4", (130mm)	26	26	26	
3/8" (10mm)	1 1/2", (40mm)	20	26	40	1/2" (13mm)
3/8" (10mm)	2 3/4", (60mm)	22	26	40	
3/8" (10mm)	3 3/4", (80mm)	26	26	42	
3/8" (10mm)	5 1/4", (130mm)	26	26	44	
1/2" (13mm)	1 1/2", (40mm)	22	33	33	1/2" (13mm)
1/2" (13mm)	2 3/4", (70mm)	22	40	40	
1/2" (13mm)	3 3/4", (95mm)	40	40	42	
1/2" (13mm)	5 1/4", (130mm)	40	44	44	
3/4" (20mm)	1", (25mm)	22	33	35	3/4", (20mm)
3/4" (20mm)	2 1/2", (65mm)	24	42	42	
3/4" (20mm)	4 3/4", (110mm)		42	44	
3/4" (20mm)	5 1/4", (130mm)		44	44	
1" (25mm)	2", (50mm)	33	35	35	1" (25mm)
1" (25mm)	3 3/4", (80mm)	40	42	44	
1" (25mm)	4", (100mm)		44	44	
			37	37	
1 1/4" (32mm)	2", (50mm)		42	44	1 1/4", (32mm)
1 1/4" (32mm)	3 3/4", (80mm)		44	44	
1 1/4" (32mm)	4", (100mm)		46	46	
			37, 44	37	
1 1/2" (40mm)	2", (50mm)			44	1 1/2", (40mm)
1 1/2" (40mm)	3", (75mm)			46	

Tube-Type Tire Sizes Tubless Tire Sizes

Repair Units Shown Box In Red Are Limited To Crown (T-T) Area Only. All Others Shown In Red May Be Used For Crown Or Sidewall Injuries. Note: This Section Repair Chart Is A Guideline Only. Load, Speed And Highway Application Can Affect The Limitations Of Section Repairs.