

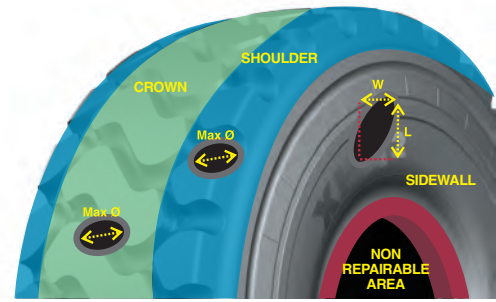
TECH Radial OTR Repair Chart

Centech Chemical, Cloth Backed & Thermacure Repairs



Sidewall Injury		Shoulder Injury	Crown Injury	Earthmover Tire Sizes			
				Inner liner removed on these sizes			
Width Inches (mm)	Length Inches (mm)	Diameter Inches (mm)	inches (mm)	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 29.5-37.5 40/65-45/65	33.00-40.00 46/90-59/80 50/65-65/65
3/8 (10)	3 (75)		Crown Diameter - 3/8 (10)	42	42	42	44
3/8 (10)	4 3/8 (110)			42	42	44	44
			Crown Diameter - 3/4 (20)	45 or 46	45 or 46	45 or 46	45 or 50
			Body Ply Damage C - 3/4 (20)	45	45	45	45
			Radial Ply Length - 1 3/4 (45)				
3/4 (20)	2 (50)			42	44	44	50
3/4 (20)	5 1/2 (140)			46	46	46	50
3/4 (20)	8 (200)			46	50	50	50
		3/4 (20)		46	46	50	52
			Crown Diameter - 1 (25)	45 or 46	45 or 46	45 or 46	45 or 50
			Body Ply Damage C - 1 (25)	45	45	45	45
			Radial Ply Length - 1 1/2 (40)				
1 (25)	5 (125)			46	46	46	50
1 (25)	8 (200)			50	50	50	52
		1 (25)		46	50	52	52
1 1/4 (30)	4 (100)			46	50	50	50
1 1/4 (30)	10 (250)			50	50	52	56
			Crown Diameter - 1 1/2 (40)	45 or 46	45 or 50	55 or 52	55 or 52
			Body Ply Damage C - 1 1/2 (40)		55	55	55
			Radial Ply Length - 3 (75)				
1 1/2 (40)	3 1/2 (90)			46	50	52	52
1 1/2 (40)	10 (250)			50	50	52	56
1 1/2 (40)	14 (350)			56	56	56	60
1 1/2 (40)	16 (400)				60	60	60
		1 1/2 (40)		50	50	52	56
1 3/4 (45)	6 1/2 (165)			50	50	52	52
1 3/4 (45)	10 (250)			52	52	52	56
1 3/4 (45)	14 (350)				56	56	60
1 3/4 (45)	16 (400)				60	60	60
			Crown Diameter - 2 (50)	55 or 50	55 or 52	55 or 52	65 or 52
			Body Ply Damage C - 2 (50)		65	65	65
			Radial Ply Length - 4 (100)				
2 (50)	7 (175)			50	52	52	52
2 (50)	10 (250)			52	52	52	56
2 (50)	14 (350)				56	56	60
2 (50)	16 (400)				60	60	60
2 (50)	19 (475)				60	60	60
		2 (50)		50	52	56	56
			Crown Diameter - 2 3/4 (70)	55 or 52	65 or 52	65 or 52	65 or 56
			Body Ply Damage C - 2 3/4 (70)		65	65	65
			Radial Ply Length - 3 1/2 (90)				
2 3/4 (70)	8 (200)			52	52	52	56
2 3/4 (70)	10 (250)				56	56	60
2 3/4 (70)	13 1/2 (340)				60	60	60
		2 1/2 (65)		56	56	72	72
		2 3/4 (70)			56	72	72
			Crown Diameter - 3 1/2 (90)		56	75 or 56	75 or 72
			Body Ply Damage C - 3 1/2 (90)			75	75
			Radial Ply Length - 5 1/2 (140)				
3 1/2 (90)	7 (175)			52	52	56	56
3 1/2 (90)	8 (200)				52	56	72
3 1/2 (90)	10 (250)				56	56	72
3 1/2 (90)	12 1/2 (315)				56	60	60
		3 1/2 (90)			56	62	62
4 (100)	5 1/2 (140)			52	52	56	56
4 (100)	7 1/2 (190)				56	56	72
4 (100)	10 1/2 (265)					62	62
4 3/8 (110)	5 (125)			52	52	56	56
4 3/8 (110)	7 (175)				56	72	72
4 3/8 (110)	10 (250)					62	62
4 3/4 (120)	4 1/2 (115)				56	60	62
4 3/4 (120)	6 (150)					62	62
4 3/4 (120)	9 (225)					62	62
			Crown Diameter - 5 (125)		72	85 or 72	85 or 72
			Body Ply Damage C - 5 (125)			85	85
			Radial Ply Length - 8 (200)				
5 (125)	4 (100)				72	72	72
5 (125)	5 (125)					62	62
5 (125)	7 (175)					62	62
6 (150)	3 (75)				72	72	72
6 (150)	5 1/2 (140)					72	72
			Crown Diameter - 6 1/2 (165)			85	85
6 1/2 (165)	5 (125)					72	72

NOTE: THIS SECTION REPAIR CHART IS A GUIDELINE ONLY. INCREASE REPAIR UNIT BY ONE (1) SIZE FOR TIRES USED IN SEVERE APPLICATIONS SUCH AS HAULAGE TRUCKS AND SCRAPERS. LOAD, SPEED AND HIGHWAY APPLICATION CAN AFFECT THE LIMITATIONS OF SECTION REPAIRS.



CENTECH RADIAL OTR NON-REPAIRABLE AREA

14.00-16.00 (15.5-17.5)	3", 75mm
18.00-24.00 (20.5-29.5)	5", 125mm
27.00-33.00 (33.25-37.5)	6", 150mm
40/65-50/65 (40.5)	6 3/4", 170mm
36.00	8", 200mm
37.00-40.00 (50.5 & larger)	10", 255mm

DETERMINING CROWN INJURY REPAIR AREA

Radial OTR Crown Dimensions

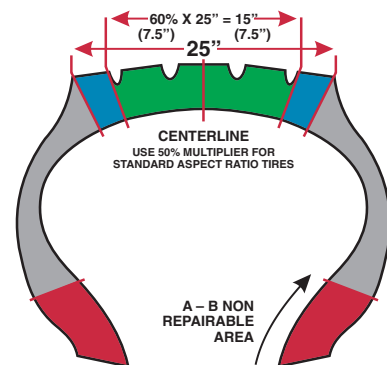
Crown is defined as 50% of tread face for standard aspect ratio tire sizes and 60% of tread face for wide base sizes. All measurements are taken on the outside surface of the tire.

Standard Aspect Tire Size Example (24.00 R35):

If the tread face measures 24" (610mm) wide, 50% of that is 12" (300mm) - the crown area measurement, or 6" (150mm) on each side of the tread centerline. This is where the injury must be located to be considered as a crown area repair.

Wide Base Tire Size Example (29.5 R29):

If the tread face measures 25" (635mm) wide, 60% of that is 15" (375mm) - the crown area measurement, or 7.5" (190mm) on each side of the tread centerline. This is where the injury must be located to be considered as a crown area repair.



REPAIR UNIT DIMENSIONS		
Repair Unit	Inches	Millimeters
42	5 x 10	125 x 250
44	5 x 13	125 x 330
45	9 1/8 x 7 3/4	230 x 195
46	5 1/2 x 16	140 x 405
50	7 1/2 x 19 3/4	190 x 500
52	10 x 22 1/2	250 x 570
55	13 x 10 1/4	330 x 260
56	10 1/2 x 29	265 x 735
60	10 1/2 x 34	265 x 860
62	12 3/4 x 40 1/2	325 x 1030
65	16 1/2 x 13	420 x 330
72	13 3/4 x 30	345 x 760
75	20 3/4 x 17 3/4	535 x 450
85	28 x 22	710 x 560

REPAIR UNITS SHOWN **BOXED IN GREEN** ARE LIMITED TO THE CROWN (T-T) AREA ONLY.