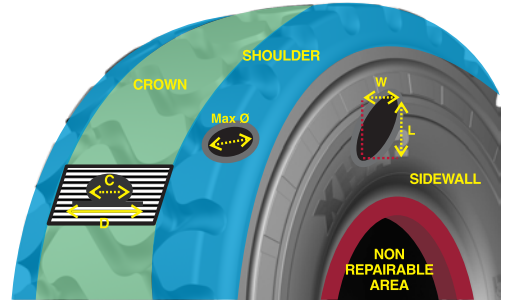


CENTECH Xtreme Radial OTR Chart



Sidewall Injury		Shoulder Injury	Crown Injury	Earthmover Tire Sizes				
				Inner liner removed on all severe service tires				
Width inches (mm)	Length inches (mm)	Diameter inches (mm)	C= Hole Diameter D= Additional inside radial ply length inches (mm)	14.00 - 16.00 15.5 - 20.5 385/95-445/95	18.00-21.00 23.5-26.5* 25/65-30/65 505/85-775/65 *1-2 STAR	24.00-27.00 26.5*-33.5 35/65 800/65-875/65 *3-4 STAR	30.00-37.00 37.25-37.50 40.5/75 40/65-45/65	40.00-45.00 48/95-50/90 55/80-60/80 50/65-65/65 46/50-59/50
3/8 (10)	3 (75)		3/8 (10)	42	42	42	CT42A	CT44A
3/8 (10)	4 3/8 (110)			42	42	44	CT42A	CT46A
			C=3/4 (20) D=1 3/4 (45)	CT45A or CT46A	CT45A or CT46A	CT45A or CT52A	CT45A or CT52A	CT45A or CT52A
3/4 (20)	2 (50)			CT42A	CT42A	CT44A	CT44A	CT56A
3/4 (20)	5 1/2 (140)			CT46A	CT46A	CT50A	CT52A	CT56A
3/4 (20)	8 (200)			CT46A	CT50A	CT50A	CT52A	CT56A
		3/4 (20)		CT46A	CT46A	CT50A	CT52A	CT64A
			C=1 (25) D=1 1/2 (40)	CT45A or CT46A	CT45A or CT46A	CT45A or CT46A	CT45A or CT52A	CT55A or CT52A
1 (25)	5 (125)			CT46A	CT46A	CT50A	CT50A	CT58A
1 (25)	10 (250)			CT50A	CT50A	CT50A	CT52A	CT58A
		1 (25)		CT46A	CT46A	CT52A	CT52A	CT64A
1 1/4 (30mm)	10 (250)			CT50A	CT50A	CT52A	CT52A	CT58A
			C= 1 1/2 (40) D = 3 (75)	CT45A or CT46A	CT45A or CT50A	CT55A or CT52A	CT55A or CT58A	CT55A or CT58A
1 1/2 (40)	3 1/2 (90)			CT50A	CT50A	CT52A	CT52A	CT60A
1 1/2 (40)	10 (250)			CT50A	CT50A	CT52A	CT56A	CT60A
1 1/2 (40)	14 (350)			CT56A	CT56A	CT56A	CT56A	CT60A
1 1/2 (40)	16 (400)					CT58A	CT58A	CT60A
		1 1/2 (40)		CT50A	CT50A	CT52A	CT52A	CT64A
			C = 2 (50) D = 4 (100)	CT55A or CT50A	CT55A or CT52A	CT55A or CT52A	CT65A or CT58A	CT65A or CT58A
2 (50)	8 (204)			CT50A	CT50A	CT52A	CT52A	CT60A
2 (50)	11 (275)			CT52A	CT52A	CT52A	CT52A	CT60A
2 (50)	14 (350)					CT56A	CT56A	CT60A
2 (50)	19 (475)					CT58A	CT60A	CT64A
2 (50)	22 (560)						CT62A	CT66A
		2 (50)		CT50A	CT50A	CT52A	CT56A	CT64A
			C = 2 1/2 (65) D = 3 3/4 (95)	CT55A or CT52A	CT55A or CT52A	CT65A or CT52A	CT65A or CT56A	CT65A or CT56A
2 1/2 (65)	8 (204)			CT52A	CT52A	CT56A	CT56A	CT64A
2 1/2 (65)	14 (350)					CT58A	CT60A	CT64A
		2 1/2 (65)		CT56A	CT56A	CT56A	CT58A	CT66A
2 3/4 (70)	8 (204)			CT52A	CT52A	CT56A	CT56A	CT64A
2 3/4 (70)	14 (355)					CT58A	CT60AX	CT66A
			C = 3 (75) D = 3 1/2 (90)	CT55A or CT52A	CT65A or CT52A	CT65A or CT56A	CT75A or CT56A	CT75A or CT56A
3 (75)	6 (152)			CT52A	CT52A	CT56A	CT58A	CT64A
3 (75)	11 (275)					CT58A	CT60A	CT64A
3 (75)	14 (355)					CT60A	CT62A	CT64A
3 (75)	16 (408)						CT64A	CT66A
3 (75)	18 (457)						CT64A	CT66A
3 (75)	20 (508)						CT64A	CT68A
		3 (75)				CT56A	CT56A	CT64A
			C = 3 1/2 (90) D = 5 1/2 (140)	CT56A	CT56A	CT75A or CT56A	CT75A or CT56A	CT85A or CT56A
3 1/2 (90)	7 1/2 (190)			CT52A	CT52A	CT56A	CT62A	CT64A
3 1/2 (90)	10 (250)					CT56A	CT64A	CT64A
3 1/2 (90)	15 (380)					CT58A	CT64A	CT66A
		3 1/2 (90)				CT56A	CT60A	CT64A
						CT56A	CT60A	CT66A
		4 (100)				CT75A	CT75A	CT85A
4 (100)	5 (125)			CT52A	CT52A	CT58A	CT62A	CT66A
4 (100)	6 (150)					CT56A	CT62A	CT66A
4 (100)	9 (225)					CT56A	CT62A	CT66A
4 (100)	11 (275)					CT60A	CT64A	CT66A
4 (100)	12 1/2 (315)						CT64A	CT68A
4 (100)	14 (355)						CT64A	CT68A
		4 (100)				CT60A	CT64A	CT68A
4 3/4 (120)	6 (150)					CT56A	CT58A	CT64A
4 3/4 (120)	8 (203)						CT64A	CT68A
4 3/4 (120)	10 (254)						CT64A	CT68A
4 3/4 (120)	12 (305)							CT68A
			C = 5 (125) D = 7 (180)			CT85A	CT85A	CT85A
5 (125)	5 (125)					CT58A	CT64A	CT68A
5 (125)	8 (204)					CT62A	CT64A	CT68A
			C = 5 1/2 (140)				CT85A	CT85A
6 (150)	3 (75)					CT62A	CT64A	CT68A
6 (150)	5 (125)						CT64A	CT68A
6 1/2 (165)	5 (125)						CT64A	CT68A

RADIAL OTR NON-REPAIRABLE AREA

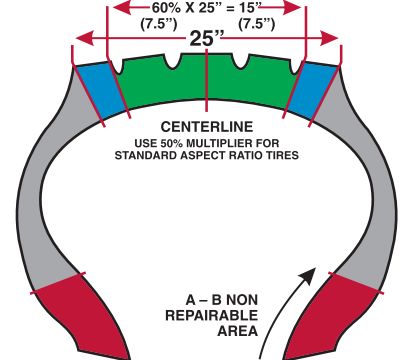
14.00 (15.5)	3", 75mm
(17.5)	4", 100mm
16.00 - 18.00 (20.5 - 23.5)	5", 125mm
21.00 - 24.00 (26.5 - 33.25)	6", 150mm
27.00 - 33.00 (30.5 - 37.5)	8", 200mm
36.00 - 40.00 (40/65 - 65/65)	12", 300mm

DETERMINING CROWN INJURY REPAIR AREA (T-T AREA)

Radial/OTR Crown Dimensions (T-T Area)
Crown is defined as 50% of tread face for standard aspect ratio tires 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	Inches	Millimeters
CT45A	9 1/8 x 7.75	230 x 195
CT55A	13 x 10.25	330 x 260
CT65A	16.5 x 13	420 x 330
CT75A	20.75 x 17.75	535 x 450
CT85A	28 x 22	710 x 560
CT46A	5.5 x 16.5	140 x 420
CT50A	8.5 x 20	215 x 508
CT52A	10.5 x 25	265 x 635
CT56A	13.5 x 30.5	343 x 775
CT58A	13.5 x 32.5	343 x 825
CT60A	13.5 x 36	343 x 915
CT62A	14.5 x 40	370 x 1015
CT64A	17.5 x 48	445 x 1220
CT66A	13 x 57.5	330 x 1460
CT68A	17.5 x 57.5	445 x 1460

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

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.