



 **AURY NH**

Distributor for Corim Products.

■ Company Introduction



Zhenjiang Corim Manufacture LTD. Established on October, 2005, on the base of original Jiangsu University of Science and Technology wheel assembly factory (Established on 1989). With many years production experience and product design ability, Zhenjiang Corim is a world class manufacturer of OTR Wheels and Rims for Mining Trucks.

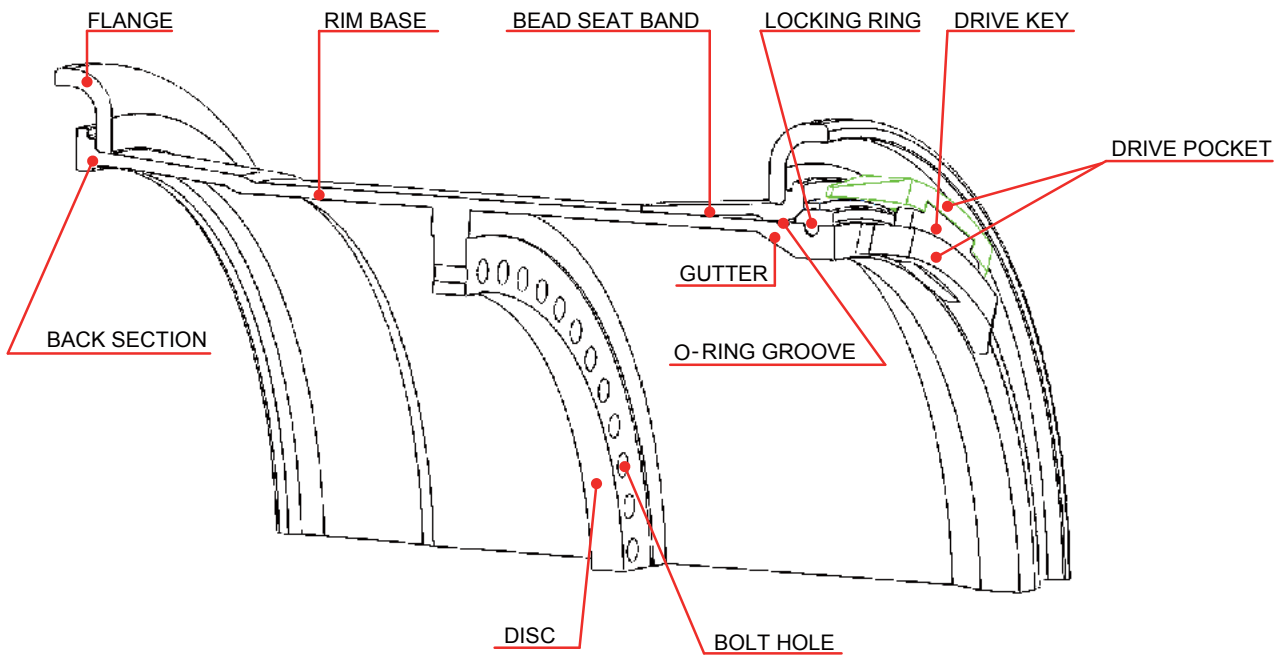
Our facility covers an area of approximately 40,000 square meters, including an independent research and development building (1,600 square meters) and the manufacturing factory (20,000 square meters). Research and Development is a key foundation of our business, this enables Corim to stay in front of all technological improvements available to industry. As a testament to our R & D efforts we currently have 20 technical patents. (In 2010 we received award as “Private technology enterprises in Jiangsu province” and in 2011 were awarded “high and new tech enterprises in Jiangsu province” .) We are ISO certified to ISO9001:2015.

In 2010, Corim was officially recognized as a “Qualified Supplier” by Rio Tinto Australia, additionally in 2011 the company concluded and signed “Rio Tinto---Zhenjiang Corim rim assembly framework agreement” .

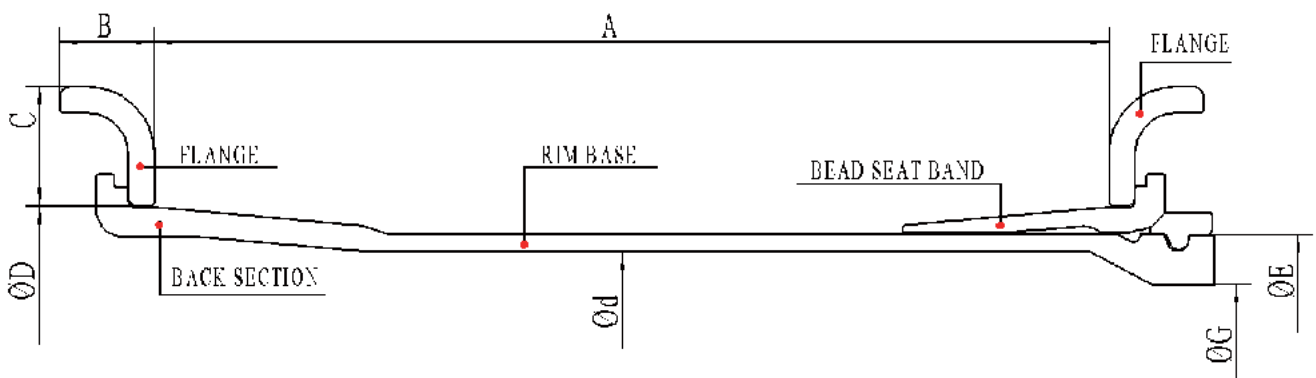
Our wheel and rim products are manufactured from the highest quality and strength alloy steel, this combined with our wheel design advantages, are placed above everything else. At Corim our goal is to totally exceed customer expectations. We have utilized the latest technology from around the world as part of our manufacturing processes, we can confidently say we have a world class product that is fully interchangeable with all other wheels and rims manufactured by other suppliers globally.

Our strategy is: To design, manufacture and supply high quality and low-cost rims for large mining vehicles.

Rim Introduction >>>



Rim Components and Terminology

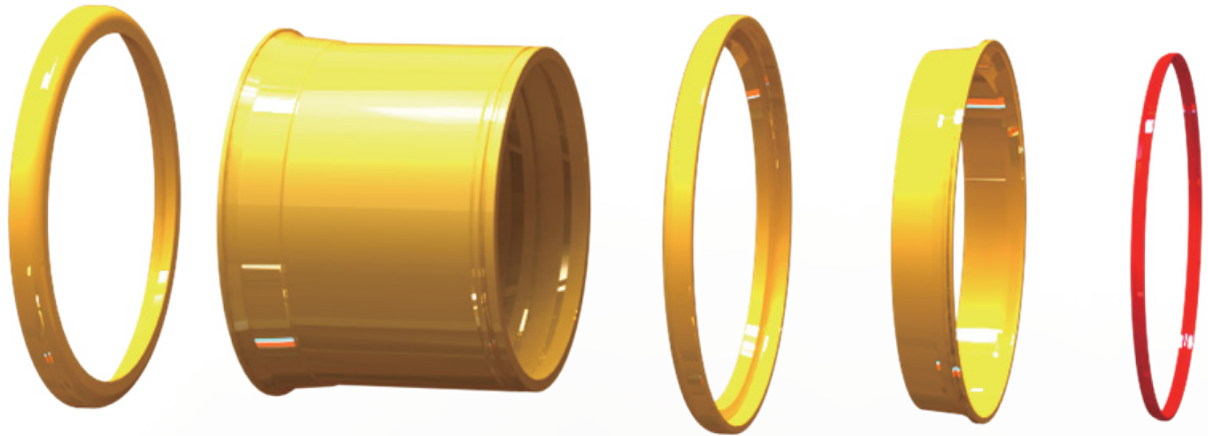


Specification Reference

Rim Series»»

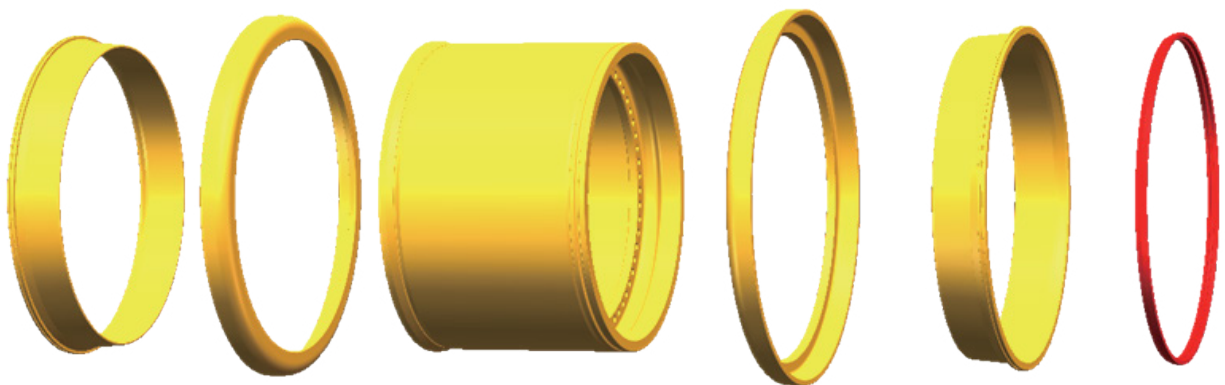
Piece Traditional Rim—STS

Consist of two flanges, one bead seat band, one locking rings and one rim base. If customers require, Locking Ring can be designed into Double Pcs type (LRDP) to ensure the safety.



Piece IGLR Rim—IGLR

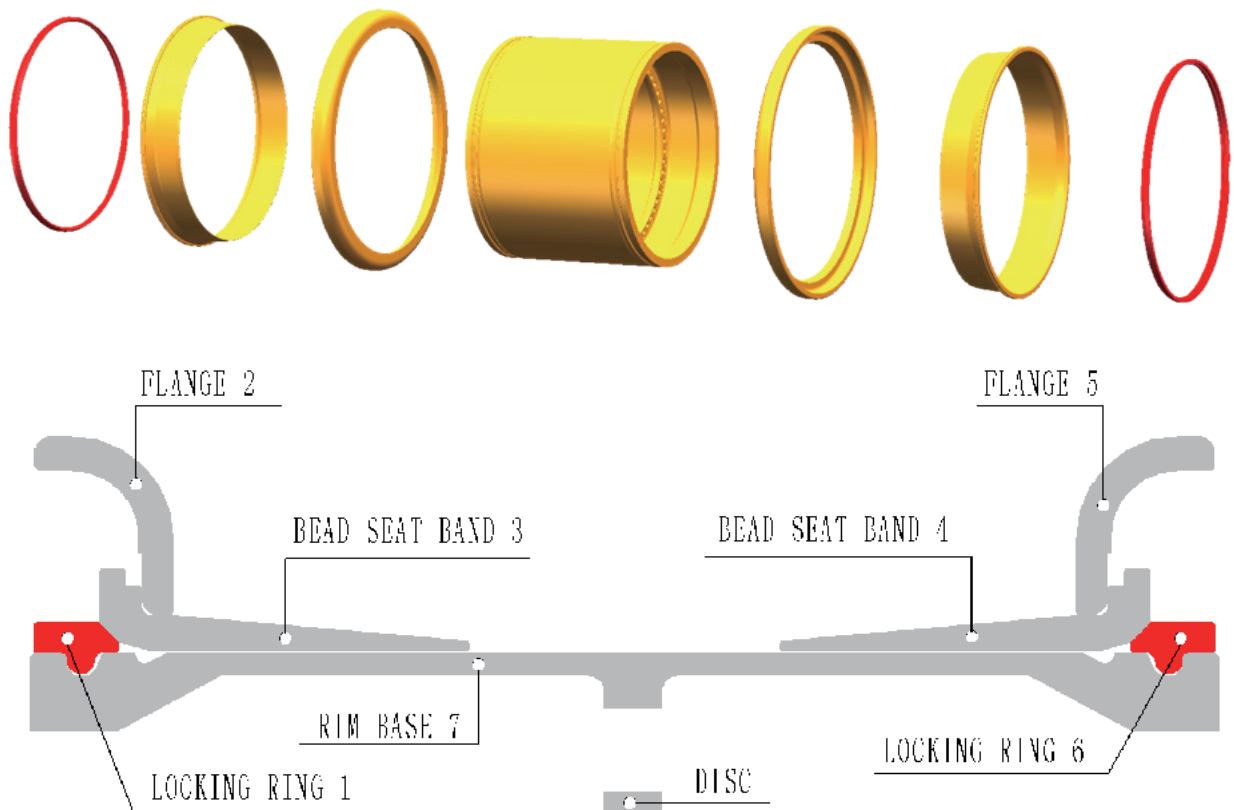
Different from traditional rim, IGLR has two beat seat bands and a special back section design, which just includes a O-Ring groove without locking ring groove.



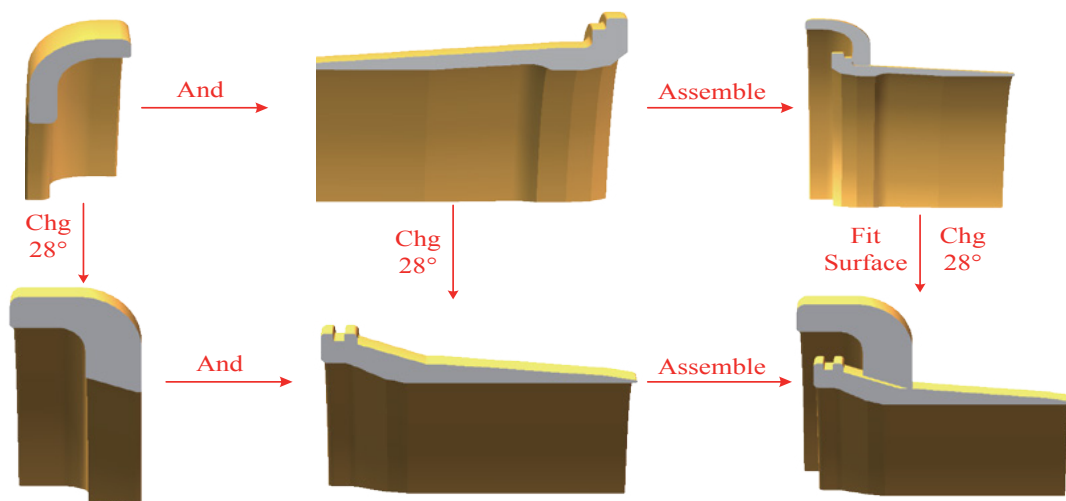
Special and Excellent Series >>>

Double Gutter Changing System-DGCS

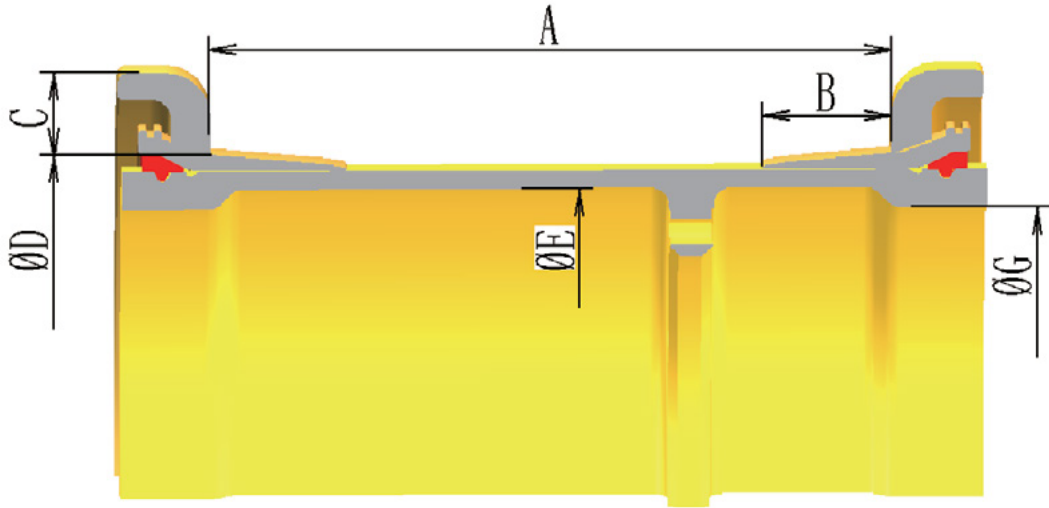
Consist of two flanges, two bead seat bands, two locking rings and one rim base. Besides, be mounted on the vehicle axle by disc bolt.



DGCS are developed into Double Gutter Taper Secure Radial (DGTSR) by changing fit angle of Flange and Bead Seat Band. The fitting type increases friction force and reduces slipping.

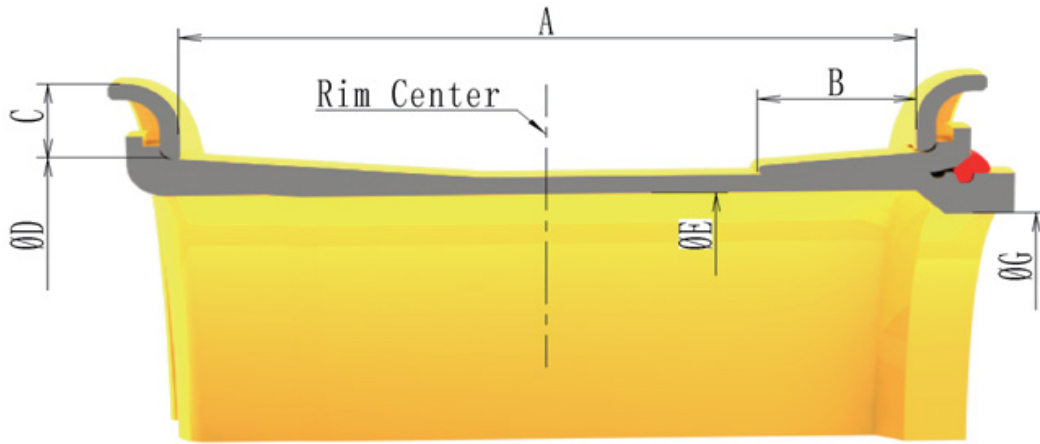


Rim Size >>>



Rim Size D × A/C	Recommended Tire	Dimensions(mm)						Rim Specification		
		A	B	C	D	E	G	Side Ring	Beadband	Locking Ring
63 × 36.00/5.00	53/80R63	914.4	190.5	127.0	1600.2	1486.5	1432.0	SR5063TSR	BB7563TSR	LR63TSR
63 × 41.00/5.00	55/80-R63	1041.4	190.5	127.0	1600.2	1493.4	1432.0	SR5063TSR	BB7563TSR	LR63TSR
63 × 44.00/5.00	59/80R63	1117.6	190.5	127.0	1600.2	1482.8	1432.0	SR5063TSR	BB7563TSR	LR63TSR
57 × 27.00/6.00	37.00-57	685.8	190.5	152.4	1447.8	1359.0	1300.0	SR6057	BB7557EU	LR57EU
57 × 29.00/6.00	40.00-57	736.6	190.5	152.4	1447.8	1359.0	1300.0	SR6057	BB7557EU	LR57EU
57 × 32.00/6.50	48/95R57	812.8	190.5	165.1	1447.8	1365.0	1300.0	SR6557	BB7557EU	LR57EU
57 × 32.00/6.00	48/95R57	812.8	190.5	152.4	1447.8	1359.0	1300.0	SR6057	BB7557EU	LR57EU
57 × 34.00/6.00	50/80-R57	914.4	190.5	152.4	1447.8	1359.0	1300.0	SR6057	BB7557EU	LR57EU
57 × 44.00/6.00	53.5/85-R57	1117.6	190.5	152.4	1447.8	1359.0	1300.0	SR6057	BB7557EU	LR57EU
57 × 44.00/5.00	55/80-R57	1117.6	190.5	152.4	1447.8	1359.0	1300.0	SR5057	BB7557EU	LR57EU
57 × 47.00/6.00	58/85-57	1193.8	190.5	152.4	1447.8	1359.0	1300.0	SR6057	BB7557EU	LR57EU





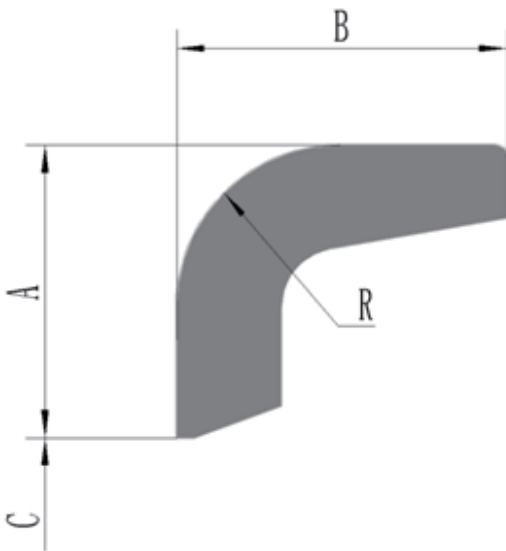
Rim Size D × A/C	Recommen- ded Tire	Dimensions(mm)						Rim Specification		
		A	B	C	D	E	G	Side Ring	Beadband	Locking Ring
51 × 22.00/4.50	30.00R51	558.8	190.5	114.3	1295.4	1212.0	1148.6	SR4551	BB7551HS	LR51EU
51 × 24.00/5.00	33.00-51	609.6	190.5	127.0	1295.4	1212.0	1155.0	SR5051	BB7551HS	LR51EU
51 × 26.00/5.00	36.00-51	609.6	190.5	127.0	1295.4	1212.0	1155.0	SR5051	BB7551HS	LR51EU
51 × 40.00/4.50	50/65-51	609.6	190.5	114.3	1295.4	1212.0	1148.6	SR4551	BB7551HS	LR51EU
49 × 17.00/3.50	24.00R49	431.8	139.7	88.9	1244.6	1184.2	1139.8	SR3549	BB5549EU	LR49EU
49 × 19.50/4.00	27.00-49	495.3	139.7	101.6	1244.6	1184.2	1139.8	SR4049	BB5549EU	LR49EU
35 × 13.00/3.00	21.00R35	330.2	139.7	76.2	889.0	828.6	784.2	SR3035	BB5535EU	LR35EU
35 × 17.00/3.50	24.00R35	431.8	139.7	88.9	889.0	828.6	784.2	SR3535	BB5535EU	LR35EU
33 × 13.00/2.50	18.00R33	330.2	101.5	63.5	838.2	777.8	733.4	SR2533	BB4033EU	LR33EU
33 × 28.00/3.50	35/65R33	711.2	139.7	88.9	838.2	777.8	733.2	SR3533	BB5533EU	LR33EU
29 × 25.00/3.50	29.50R29	635.0	139.7	88.9	736.6	676.2	631.6	SR3529	BB5529EU	LR29EU
25 × 22.00/3.00	26.50R25	558.8	139.7	76.2	635.0	574.6	546.0	SR3025	BB5525EU	LR25EU
25 × 24.00/3.00	30/65R25	609.6	139.7	76.2	635.0	574.6	546.0	SR3025	BB5525EU	LR25EU
25 × 25.00/3.50	29.50R25	635.0	139.7	88.9	635.0	574.6	546.0	SR3525	BB5525EU	LR25EU

TSR Component Reference >>>

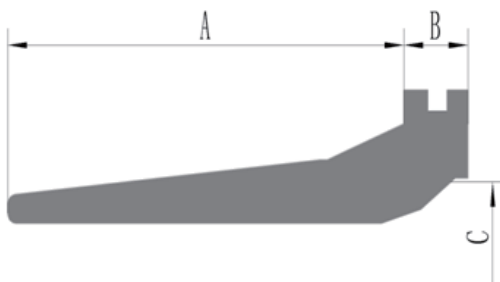
The TSR (Taper Secure Radial) Series uses the taper to lock all components together providing absolute stability. As the tire is inflated the tapers lock together eliminating any movement.

TSR Flanges and TSR Bead Seat Band are heavier and wider, and machined by the whole rolling blank. Because of no welding, three advantages of them come out, following as:

- Reducing inner defects of flanges and beat seat band;
- Increasing their strength and loading ability;
- Machining directly to save cutting time, and then, increasing productive efficiency.



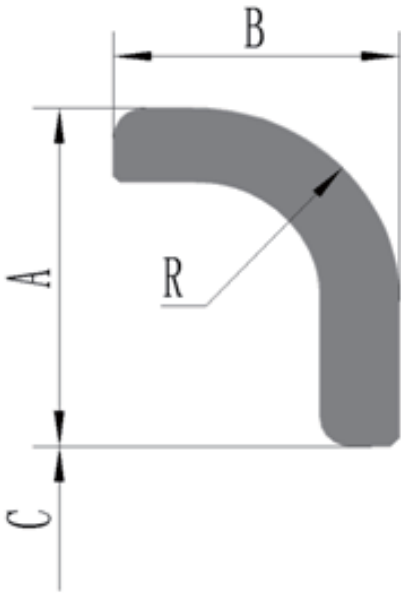
Side Ring Size	Dimensions (mm)				Recommended Rim
	A	B	C	R	
SR5063TSR	127.0	140.0	1600.2	70.0	36.00 × 63, 44.00 × 63
SR6057TSR	152.4	132.0	1447.8	84.0	29.00 × 57, 32.00 × 57



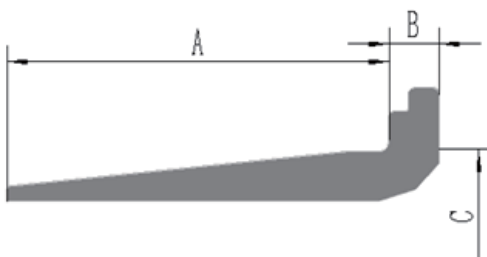
Beat Seat Band Size	Dimensions (mm)			Recommended Rim
	A	B	C	
BB7563TSR	127.0	140.0	1600.2	36.00 × 63, 44.00 × 63
BB7557TSR	152.4	132.0	1447.8	24.00 × 51, 26.00 × 51

Traditional Component Reference >>>

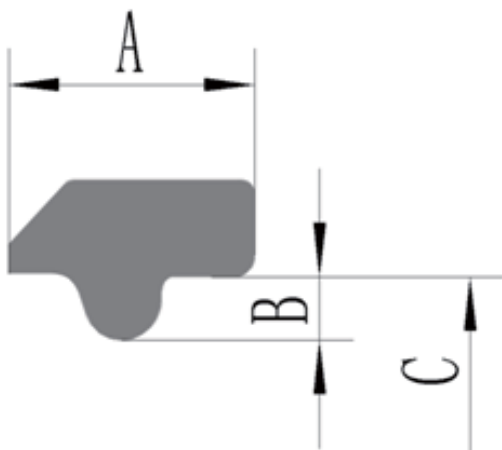
The STS or traditional Component Wheels have been manufactured in house for nearly 30 years. These fully machined sections offer a stonger wheel than some other manufacturers globally.



Side Ring Size	Dimensions (mm)				Recommended Rim
	A	B	C	R	
SR6057	151.6	110.0	1449.7	84.0	27.00 × 57, 29.00 × 57
SR5051	126.0	95.0	1297.0	70.0	24.00 × 51, 26.00 × 51
SR4049	100.6	75.0	1245.6	57.0	19.50 × 49



Beat Seat Band Size	Dimensions (mm)			Recommended Rim
	A	B	C	
BB7557EU	224.7	30	1447.8	27.00 × 57, 29.00 × 57
BB7551HS	222.2	28.6	1295.4	24.00 × 51, 26.00 × 51
BB5549EU	158.5	28.6	1244.6	19.50 × 49



Locking Ring Size	Dimensions (mm)			Recommended Rim
	A	B	C	
LR57EU	58.7	14.0	1391.1	27.00 × 57, 29.00 × 57
LR51EU	58.7	14.0	1243.0	24.00 × 51, 26.00 × 51

Manufacturing process



Using Advanced heat treatment equipment to manufacture the forgings parts, we control the structure of forged materials, to improve the defects in the center of billet, to refine grain and to increase the toughness and strength enabling them reach the required.

With multi line automatic CNC cutting machine to cut the steel more accurate in dimensions and process more efficient.



With Advanced welding techniques and by using Auto-submerged welding process, each rim obtained fully penetration and strongest structures.



With State-of-the-art CNC processing, each component is fully machined to ensure high tolerances and a fully machined finish, which provides accurate fit between the rim assembly and the tire bead.

Market >>>

Our products are sold domestically to all open cut mining operations in China. Globally Corim Wheels and Rims are sold into America, Canada, Russia, Chile, South Africa, Mongolia and Australia to name a few.

Around 70% of all products manufactured by Corim are exported globally.



Company Honor >>>





is a Distributor for Corim products



*Bring benefit to customers, and leave credit to us.
Manufacture better wheels, to be the better choice.*



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