

# TRANSDRIVE<sup>+</sup>



**SBR Zintek<sup>®</sup>**  
**Straight Side Plate**  
**Roller Chain**

[transdrive.com.au](http://transdrive.com.au)

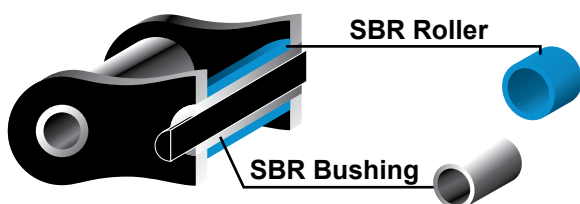


The TransDrive+® Straight Side Plate Roller Chain redefines performance with unmatched durability and versatility. Precision-engineered with Zintek® 200 XT Corrosion Protection, it offers exceptional resistance to harsh environments, ensuring reliability in the toughest conditions. Boasting a 30% increase in load capacity and an extended operational lifespan, it is purpose-built for heavy-duty applications across diverse industries. For those who demand nothing but the best, the TransDrive+® Roller Chain stands as the ultimate solution.

- ▶ Zintek® 200 XT Corrosion Protection
- ▶ 30% Increase in Load Ratings
- ▶ Durable Straight Side Plate
- ▶ SBR (Solid Bush & Roller)

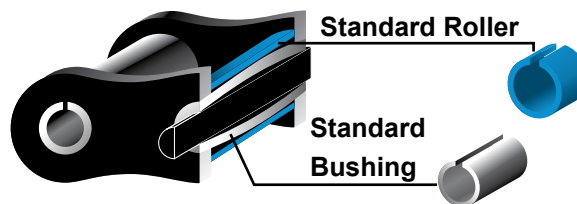
### SBR (Solid Bush & Roller)

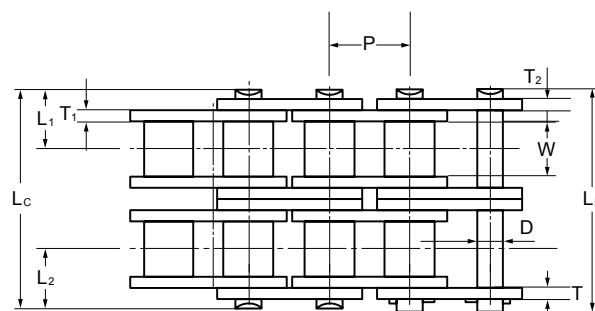
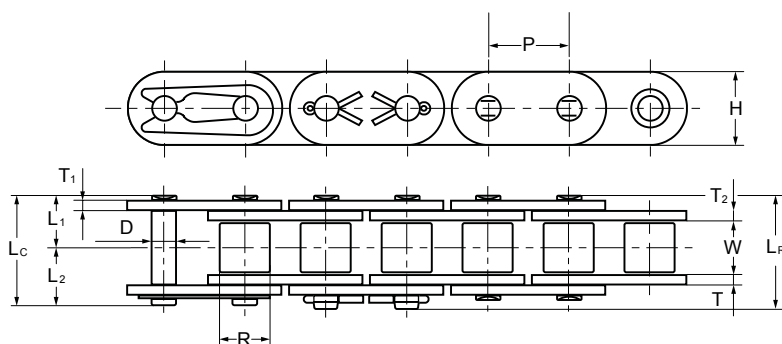
Solid bushings with tapered ends assure straight ID after assembly resulting in ultra straight bearing surfaces.



### Conventional Chain

Bushing ID becomes barrel shaped as a result of press fit and makes uneven contact between pin and bushing.





ANSI Chain No.	Dimensions - inches										Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch P	Roller		Pin				Plate					
		Width W	Dia. R	Dia. D	Length		Height	Thickness					
					L <sub>R</sub>	L <sub>C</sub>			L <sub>1</sub>	L <sub>2</sub>			
											kN	kN	kg/m
40-1P	12.70	7.95	7.92	3.96	16.50	17.90	8.30	9.60	11.60	1.50	24.83	5.42	0.60
50-1P	15.875	9.53	10.16	5.08	20.40	22.00	10.20	11.80	14.50	2.00	41.47	9.38	0.98
60-1P	19.05	12.70	11.91	5.95	25.50	26.90	12.80	14.10	17.40	2.40	56.03	13.91	1.46
60-1HP	19.05	12.70	11.91	5.95	25.50	26.90	12.80	14.10	17.40	3.20	71.37	13.91	1.80
80-1P	25.40	15.88	15.88	7.93	32.80	35.10	16.40	18.70	23.40	3.20	102.05	24.83	2.52
80-1HP	25.40	15.88	15.88	7.93	32.80	35.10	16.40	18.70	23.40	4.00	117.26	23.92	5.04
H = Hardened Plate													

BS Chain No.	Dimensions - mm										Average Tensile Strength	Maximum Allowable Load	Average Chain Weight	
	Pitch P	Roller		Pin				Plate						
		Width W	Dia. R	Dia. D	Length		Height	Thickness						
					L <sub>R</sub>	L <sub>C</sub>		L <sub>1</sub>	L <sub>2</sub>	T <sub>1</sub>				T <sub>2</sub>
												kN	kN	kg/m
08B-1P	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.8	11.8	2.30		23.14	2.34	0.61
10B-1P	15.875	9.65	10.16	5.08	19.0	20.7	9.5	11.2	14.7	2.45		36.92	3.64	0.89
10B-2P	15.875	19.3	10.16	5.08	30.2	31.9	9.5	11.2	14.7	2.45		65.50	6.50	1.6
12B-1P	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	16.1	2.6		41.60	4.16	1.14
12B-2P	19.05	23.36	12.07	5.72	33.0	34.6	11.0	12.6	16.1	2.6		72.80	7.28	2.28
16B-1P	25.40	17.02	15.88	8.26	35.1	38.2	17.6	20.6	21.0	4.0	4.8	65.00	6.50	2.59
16B-2P	25.40	34.04	15.88	8.26	52.7	55.8	17.6	20.6	21.0	4.0	4.8	120.00	11.44	5.18

# TRANSDRIVE+<sup>®</sup>

**Need more information about  
TransDrive+ products,  
customised products and  
services, get in touch.**

**info@transdrive.com.au  
transdrive.com.au**

**Supplier**

**CHAIN & DRIVES<sup>®</sup>**

**chainanddrives.com.au  
support@chainanddrives.com.au**