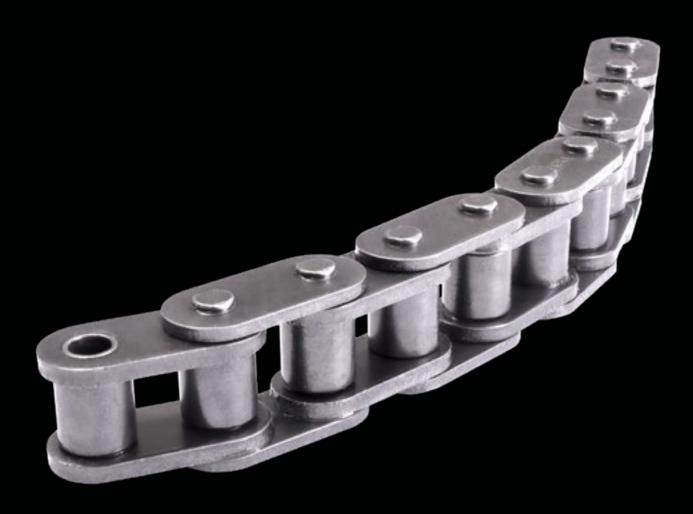
TRANSDRIVE+



SBR Zintek®
Straight Side Plate
Roller Chain





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.

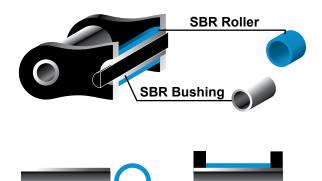
- ➤ Zintek® 200 XT Corrosion Protection
- 30% Increase in Load Ratings
- Durable Straight Side Plate
- ► SBR (Solid Bush & Roller)

SBR (Solid Bush & Roller)

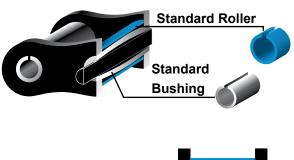
Solid bushings with tapered ends assure straight ID after assembly resulting in ultra straight bearing surfaces.

Conventional Chain

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







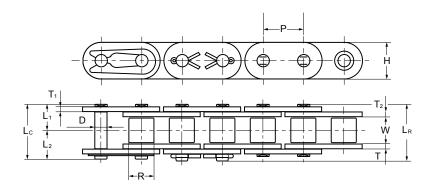


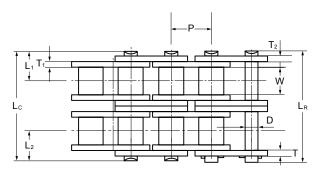
Before Assembly



After Assembly







Ro Width W	Dia. R	Dia. D	L _R	Pin Len L _c	ngth L ₁	L ₂	Height	Plate Thickness	Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
Width W	R	D	L _R				J		ouchgui	Loud	Weight
			L _R	L _c	L,						
7.95	7.92	2.06				_2	Н	Т	kN	kN	kg/m
		3.90	16.50	17.90	8.30	9.60	11.60	1.50	24.83	5.42	0.60
9.53	10.16	5.08	20.40	22.00	10.20	11.80	14.50	2.00	41.47	9.38	0.98
12.70	11.91	5.95	25.50	26.90	12.80	14.10	17.40	2.40	56.03	13.91	1.46
12.70	11.91	5.95	25.50	26.90	12.80	14.10	17.40	3.20	71.37	13.91	1.80
15.88	15.88	7.93	32.80	35.10	16.40	18.70	23.40	3.20	102.05	24.83	2.52
15.88	15.88	7.93	32.80	35.10	16.40	18.70	23.40	4.00	117.26	23.92	5.04
	12.70 15.88	12.70 11.91 15.88 15.88	12.70 11.91 5.95 15.88 15.88 7.93	12.70 11.91 5.95 25.50 15.88 15.88 7.93 32.80	12.70 11.91 5.95 25.50 26.90 15.88 15.88 7.93 32.80 35.10	12.70 11.91 5.95 25.50 26.90 12.80 15.88 15.88 7.93 32.80 35.10 16.40	12.70 11.91 5.95 25.50 26.90 12.80 14.10 15.88 15.88 7.93 32.80 35.10 16.40 18.70 15.88 15.88 7.93 32.80 35.10 16.40 18.70	12.70 11.91 5.95 25.50 26.90 12.80 14.10 17.40 15.88 15.88 7.93 32.80 35.10 16.40 18.70 23.40 15.88 15.88 7.93 32.80 35.10 16.40 18.70 23.40	12.70 11.91 5.95 25.50 26.90 12.80 14.10 17.40 3.20 15.88 15.88 7.93 32.80 35.10 16.40 18.70 23.40 3.20	12.70 11.91 5.95 25.50 26.90 12.80 14.10 17.40 3.20 71.37 15.88 15.88 7.93 32.80 35.10 16.40 18.70 23.40 3.20 102.05 15.88 15.88 7.93 32.80 35.10 16.40 18.70 23.40 4.00 117.26	12.70 11.91 5.95 25.50 26.90 12.80 14.10 17.40 3.20 71.37 13.91 15.88 15.88 7.93 32.80 35.10 16.40 18.70 23.40 3.20 102.05 24.83 15.88 15.88 7.93 32.80 35.10 16.40 18.70 23.40 4.00 117.26 23.92

					Dime	ensions -	mm					A	Mi	A
BS Chain		Roller			Pin				Plate			Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
No.	Pitch	Width Dia. W R	Dia.	Dia. D	Length			Height	Thick	kness	Strength	Loau	weight	
			R		L_R	$L_{\rm c}$	L,	L_2	н	T,	T_2	kN	kN	kg/m
08B-1C	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-1C	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-2C	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-1C	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-2C	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-1C	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-2C	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



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

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

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