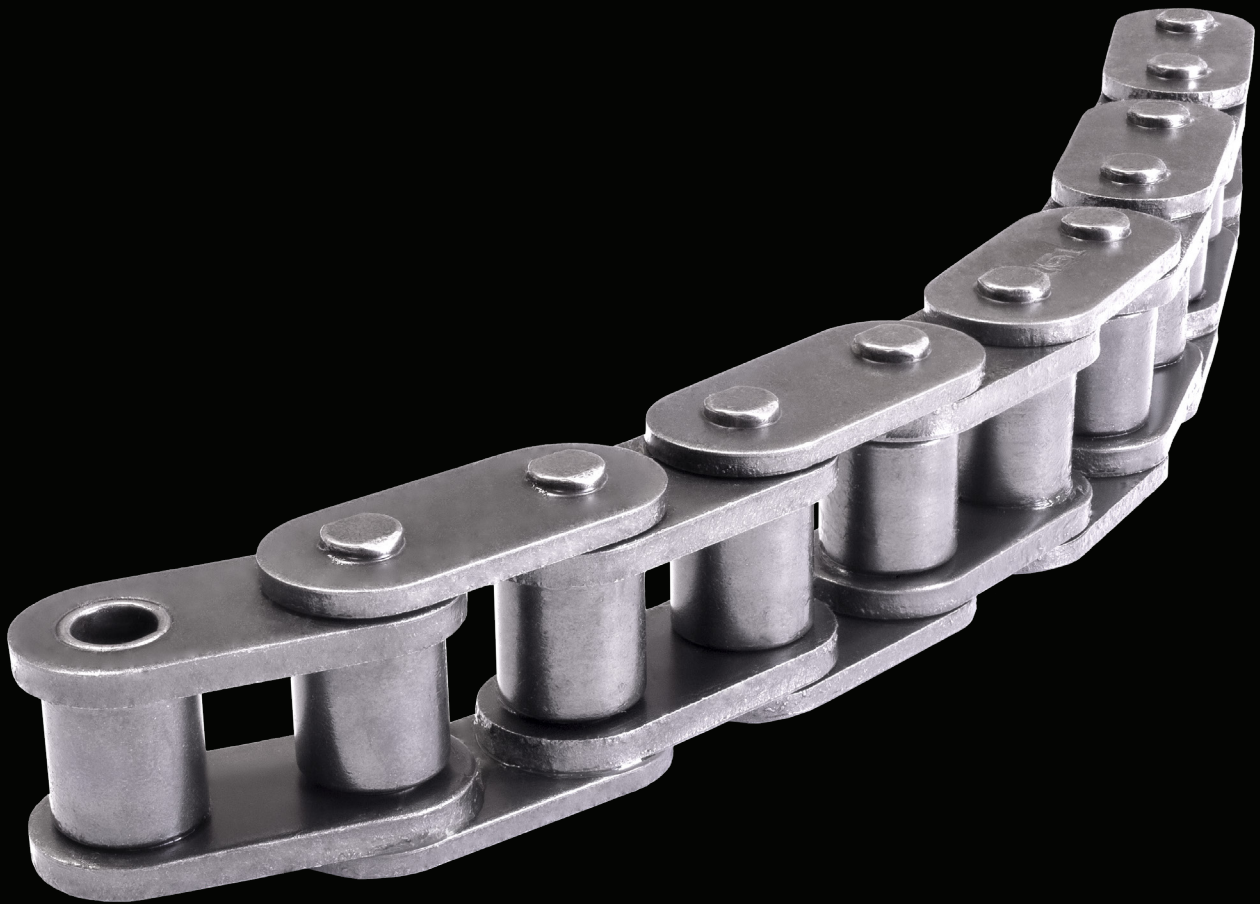


TRANSDRIVE⁺



SBR Zintek[®]
Straight Side Plate
Roller Chain

transdrive.com.au



The TransDrive+® Straight Side Plate Roller Chain redefines performance with unmatched durability and versatility.

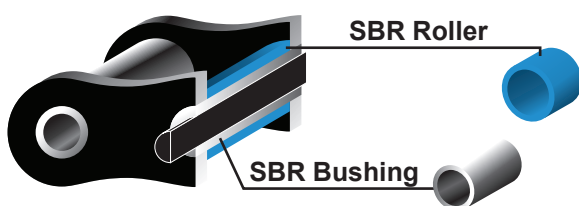
Precision-engineered with Zintek® 200 XT Corrosion Protection, it offers exceptional resistance to harsh environments, ensuring reliability in the toughest conditions. Boasting a 30% increase in load capacity and an extended operational lifespan, it is purpose-built for heavy-duty applications across 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.

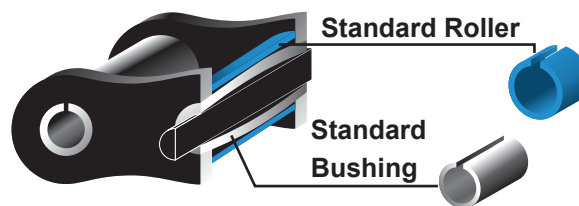


Before Assembly

After Assembly

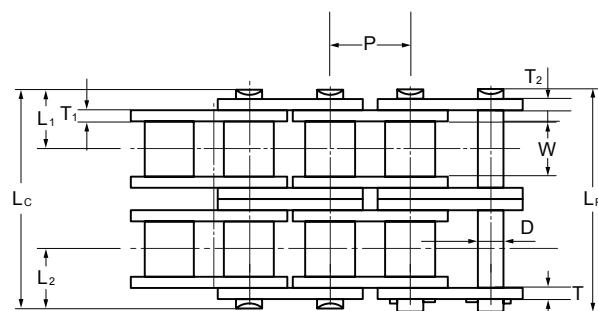
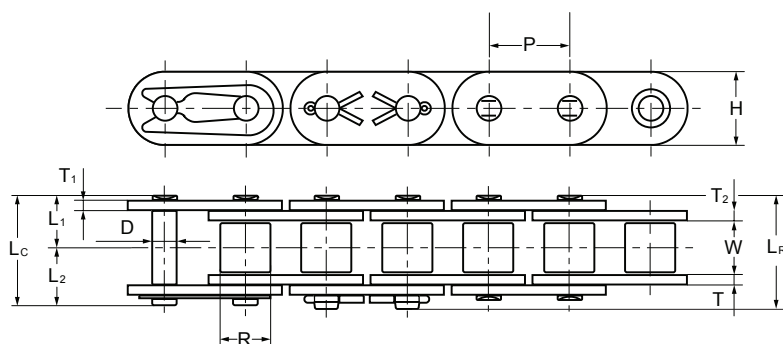
Conventional Chain

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



Before Assembly

After Assembly



ANSI Chain No.	Dimensions (mm)										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Roller				Pin				Plate				
	Pitch P	Width W	Dia. R	Dia. D	Length			Height	Thickness				
					L _R	L _C	L ₁						
					L ₂	H	T	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	24.96	4.84	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	8.02	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	11.21	1.46
60-1HP	19.05	12.70	11.91	5.95	25.50	26.90	12.80	14.10	17.40	2.40	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	19.11	2.52
80-1HP	25.40	15.88	15.88	7.93	32.80	35.10	16.40	18.70	23.40	3.20	117.26	23.92	5.04
H = Hardened Plate													

H = Hardened Plate

BS Chain No.	Dimensions (mm)										Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight	
	Roller			Pin			Plate							
	Pitch P	Width W	Dia. R	Dia. D	Length			Height	Thickness					
					L _R	L _C	L ₁		L ₂	H				T ₁
												kN	kN	kg/m
08B-1P	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5		23.14	4.08	0.61
10B-1P	15.875	9.65	10.16	5.08	19.0	20.7	9.5	11.2	14.7	1.65		29	3.64	0.89
10B-2P	15.875	9.65	10.16	5.08	35.6	37.3	9.5	11.2	14.7	1.65		57.85	10.83	1.79
12B-1P	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	16.1	1.8		37.57	9.18	1.14
12B-2P	19.05	11.68	12.07	5.72	41.6	43.1	11.0	12.6	16.1	1.8		75.14	15.6	2.28
16B-1P	25.40	17.02	15.88	8.26	35.1	38.2	17.6	20.6	21.0	3.2	4.0	79.04	16.38	2.59
16B-2P	25.40	17.02	15.88	8.26	67.2	70.1	17.6	20.6	21.0	3.2	4.0	137.80	27.82	5.18



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Supplier

A large, empty rectangular box with a dashed white border, intended for a supplier to provide information.