

ReXtremePlus™ Roller Chain

EXTREME PERFORMANCE



INDUSTRIES SERVED

- Automotive
- Material Handling
- Food & Beverage
- Painting

FEATURES

- Corrosion and acid resistant
- Inner & outer plates made of high strength stainless steel
- Long chain life
- Excellent sliding properties
- Dimensions in accordance with ISO & ANSI standards

ADVANTAGES

- Hygienic & easy-cleaning
- Reduced contamination of conveyed goods and surrounding areas due to optimal lubrication adhesion
- High energy efficiency

LUBRICATION

- Temperature range: -40° C to +120° C (extension from +120° C to +300° C possible)
- Available without factory lubrication
- Free from silicon and Teflon*

*Teflon is believed to be the trademark and/or trade name of The Chemours Company and is not owned or controlled by Regal Rexnord Corporation or its affiliates.

ReXtremePlus roller chain is the new standard in Regal Rexnord's Extreme Performance roller chain portfolio. Special manufacturing processes, optimized surface coatings, and a high-performance lubricant ensure suitability for many uses, including hard-to-maintain applications.

LOW MAINTENANCE

Thanks to high-performing long-term lubrication, maintenance needs are significantly reduced, and lubrication intervals are extended. Additionally, the special coating on the chain joint ensures excellent sliding characteristics. This is an ideal chain when maintenance and lubrication opportunities are limited.

LONG WEAR LIFE

ReXtremePlus roller chain has an even longer service life than RexPlus due to the combination of high-strength stainless steel and ReXtreme surface coating. Together with the heat-treated pin, this ensures a high wear resistance and long service life.

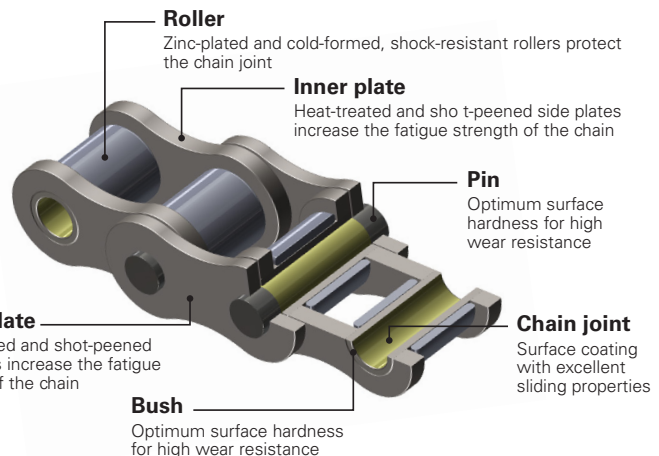
CORROSION- AND ACID-RESISTANT

ReXtremePlus roller chain consists of corrosion- and acid-resistant materials, including stainless steel plates, enabling usage in water, steam and aggressive liquids without damage. Additionally, due to the heat-treatment of the pins, the wear life is significantly longer than other corrosion resistant chains. A stability list is available upon request.

MAXIMUM HYGIENE

Where strict hygienic conditions or water is a factor and corrosion-free material is needed, ReXtremePlus roller chain offers superior performance. This makes it a good choice for certain wet or corrosive applications.

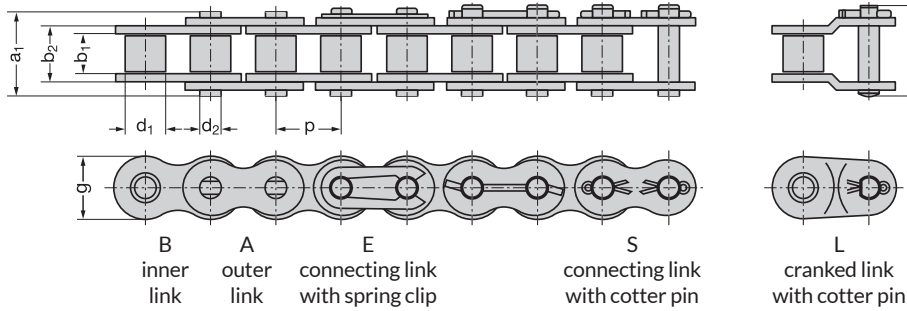
See also: ReXtremeHiPro and RexPlus roller chains



ReXtremePlus™ Roller Chain - Made of Stainless Steel (European Standard)

Simplex Roller Chain

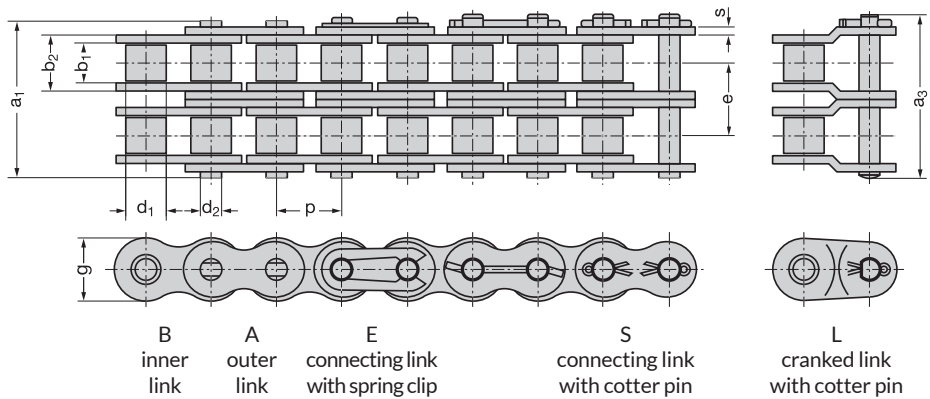
Chain No. *	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Rex minimum tensile strength	Average tensile strength	Weight	Straight sided plates	Loose parts		
	p		b ₁ min.	d ₁ max.	d ₂ max.	b ₂ max.	g	e	a ₁ max.	a ₃ max.	A	F _{Bmin}	F _B	q		A	B	E
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m				
08 B - 1 SS XT	0.50	12.7	7.75	8.51	4.45	11.30	11.6	-	17.0	20.9	0.50	11 000	12 000	0.7	x	x	x	
C 10 B - 1 SS GL XT	0.625	15.875	9.65	10.16	5.08	13.28	13.8	-	19.6	23.7	0.67	13 000	14 500	1.0	x	x	x	
C 12 B - 1 SS GL XT	0.75	19.05	11.68	12.07	5.72	15.62	15.9	-	22.7	27.3	0.89	16 000	17 500	1.3	x	x	x	
C 16 B - 1 SS GL XT	1.00	25.4	17.02	15.88	8.28	25.40	20.5	-	36.1	41.5	2.10	40 000	44 000	2.8	x	x	x	



ReXtremePlus Roller Chain - Made of Stainless Steel (European Standard)

Duplex Roller Chain

Chain No. *	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Rex minimum tensile strength	Average tensile strength	Weight	Straight sided plates	Loose parts		
	p		b ₁ min.	d ₁ max.	d ₂ max.	b ₂ max.	g	e	a ₁ max.	a ₃ max.	A	F _{Bmin}	F _B	q		A	B	E
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m				
08 B - 2 SS XT	0.50	12.7	7.75	8.51	4.45	11.30	11.6	13.92	31.0	34.9	1.01	19 500	22 200	1.4	x	x	x	
C 10 B - 1 SS GL XT	0.625	15.875	9.65	10.16	5.08	13.28	13.8	16.59	36.2	40.3	1.35	26 000	29 000	2.0	x	x	x	
C 12 B - 1 SS GL XT	0.75	19.05	11.68	12.07	5.72	15.62	15.9	19.46	42.2	46.8	1.79	32 000	35 000	2.6	x	x	x	
C 16 B - 1 SS GL XT	1.00	25.4	17.02	15.88	8.28	25.40	20.5	31.88	68.0	73.4	4.21	71 000	81 000	5.6	x	x	x	



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