



Powersports Chain

Diamond's Powersports chains are designed to meet the individual needs of the powersports enthusiast for ATVs, go-karts, motorcycles and snowmobiles. Multi-Service chains, Duralube® chains and RING LEADER® O-ring chains each offer specific functional advantages for your street, farm, track, or trail applications.

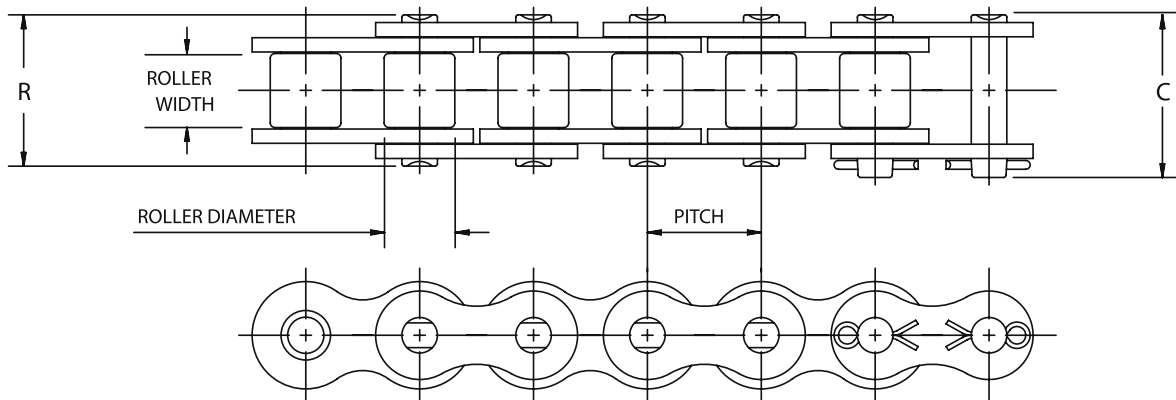
MULTI-SERVICE chains – though referred to as standard chain – are anything but. Multi-Service chains offer Diamond's superior manufacturing parts processing technology which includes material selection, precise component fabrication, exacting heat treatment, and assembly techniques.

RING LEADER® O-ring chains are top of the line chains offering allowable working loads that provide extra load carrying capability and up to four times the service life of regular chains. O-ring lubrication system seals in lubricant and seals out foreign contaminants. Appearance options on some models include:

Brass Plated chains for the flashy high-end "gold look" shine and rust resistant finish.

Nickel Plated chains for the classy "chrome or silver look" shine and rust resistant finish.

Standard steel chains for the "back to basics look."



NOTHING OUTLASTS A DIAMOND.®



Diamond Number	Plating	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	K	Weight Per Foot	Average Tensile Strength
35MS	....	3/8	3/16	*.200	.141	.050	.56	.50	....	.210	2000
35MS BR	Brass	3/8	3/16	*.200	.141	.050	.56	.50	....	.210	2000
35-2MS	....	3/8	3/16	*.200	.141	.050	.96	.90	.399	.450	4200
35-3**	....	3/8	3/16	*.200	.141	.050	1.36	1.31	.399	.770	6300
41MS	....	1/2	1/4	.306	.141	.050	.65	.57	....	.260	2400
40MS	....	1/2	5/16	.312	.156	.060	.72	.67	....	.410	4000
428MS	....	1/2	5/16	.335	.174	.060	.72	.67	....	.430	4200
428-2	....	1/2	5/16	.335	.174	.060	1.29	1.24	.566	.880	8400
520MS	....	5/8	1/4	.400	.200	.080	.77	.71	....	.590	6600
520H	Brass	5/8	1/4	.400	.214	.094	.80	.74	....	.820	9300
520XLO	....	5/8	1/4	.400	.214	.094	.89	.83	....	.850	9300
520XLO NI	Nickel	5/8	1/4	.400	.214	.094	.89	.83	....	.860	9300
520XLO BP	Brass	5/8	1/4	.400	.214	.094	.89	.83	....	.860	9300
530MS	....	5/8	3/8	.400	.200	.080	.89	.83	....	.680	6600
530ENP	Nickel	5/8	3/8	.400	.200	.080	.89	.83	....	.690	6600
530BP	Brass	5/8	3/8	.400	.200	.080	.89	.83	....	.680	6600
530XLO	....	5/8	3/8	.400	.214	.094	1.02	.96	....	.930	9300
530XLO BP	Brass	5/8	3/8	.400	.214	.094	1.02	.96	....	.930	9300
630MS	....	3/4	3/8	.469	.234	.094	.98	.91	....	.910	8500
630BP	Brass	3/4	3/8	.469	.234	.094	.98	.91	....	.910	8500

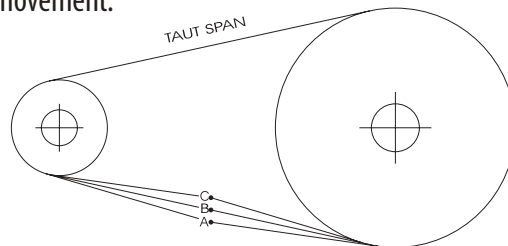
* These chains are rollerless – dimension shown is bushing diameter.

** Chain uses oval contour sideplates and is supplied riveted endless.

POWER SPORTS-CHAIN DESCRIPTIONS AND DIMENSIONS

Maintenance and Lubrication - Diamond exercises rigid controls and surveillance throughout production to ensure uniformity of all component parts. Of course, no matter how superior a roller chain, its full potential will not be realized if it's not properly installed and maintained.

Tensioning - If the chain is too tight or too loose, service life will suffer. A chain that is too tight creates unnecessary wear. A chain that is too slack can easily top the sprocket teeth and quickly cause a failure. Consult powersports equipment manufacturer's manual for proper tensioning and mid-span movement.



Cleaning and Re-lubrication - Perhaps the largest contributor to shortened chain life is inadequate lubrication. All working parts of a chain should be lubricated uniformly. The use of the highest viscosity oil that allows for flow between the link plates and coats pin-bushing areas will normally provide the greatest wear resistance. Clean and lubricate chain periodically as riding situations warrant.

For more information on the Diamond Chain Company, its products, and its services, please visit us at www.diamondchain.com or by calling 1-877-484-6536.