DIAMOND® BY TIMKEN

MICROPITCH CHAIN

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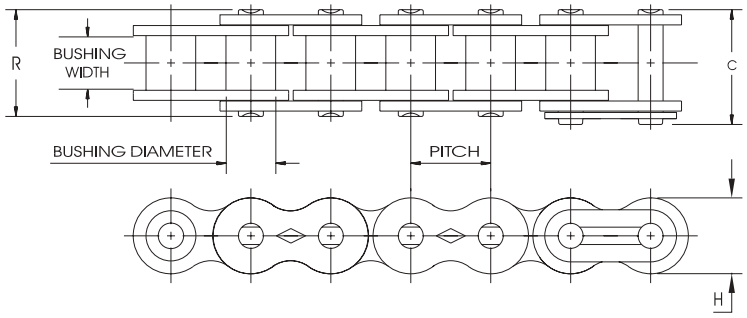
Micropitch chain, originally developed for use in electronic equipment for the aircraft industry, is made using standard bushing type construction which offers a large joint bearing area. This larger area permits greater loads and speeds. Micropitch chain is constructed entirely of non-magnetic stainless steel and is well suited for precision applications such as instrumentation devices and printers/plotters.

Micropitch chain is applied on the basis of maximum working loads imposed in the drive. For chain speed less than 100 feet per minute, maximum working load should not exceed 20 pounds. For speeds greater than 100 feet per minute, the maximum working load should be reduced depending upon the specifics of the drive. As a general rule, working loads should not exceed 12 pounds for chain speed greater than 500 feet per minute. Contact Diamond's applications engineering department for more information.



Dimensions in Inches

Diamond Number	Pitch Inches	Bushing Width	Bushing Diameter	Pin Diameter	Link Plate Thickness	H	C	R	Average Tensile Strength
47SS	.147	.072	.090	.062	.015	.138	.250	.220	180