

2.5" PITCH HINGED STEEL BELT



Mayfran 2501 hinged steel belting is constructed of die-formed 1/8" nominal thickness low carbon steel one-piece pans.

- Double row high carbon die-punched side bars.
- Hardened flat-faced rollers.
- 1/8" thick interlocking side wings welded to hinge links.



Pin Style #3
Cottered



CHAIN DATA

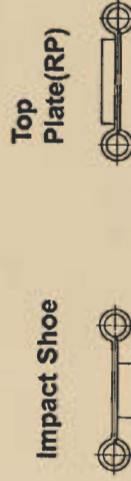
	E	DIA	1 9/16
Roller	F	WIDTH	7/8
Side Bars	G	THK.	5/32
	H	WIDTH	1
Pin	I	SPACE	29/32
	J	DIA.	3/8
	K	DIA.	9/16
Bushing	L	LGTH.	1 7/32

Allowable Belt Pull in lbs. - 2,500
Belt Thickness - .125

BELT SURFACE TYPE

- PN—PLAIN
- PG—PERFORATED
1/8" DIA., 5/16" CENTERS
STAGGERED
- DN—DIMPLED .0625" HIGH, .1875"
CENTERS

Optional Reinforcements

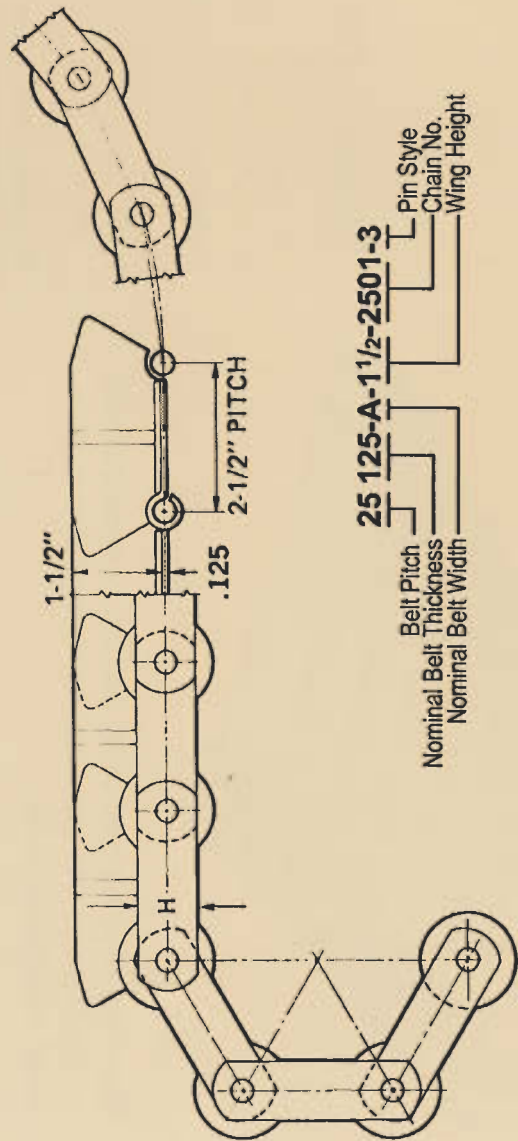
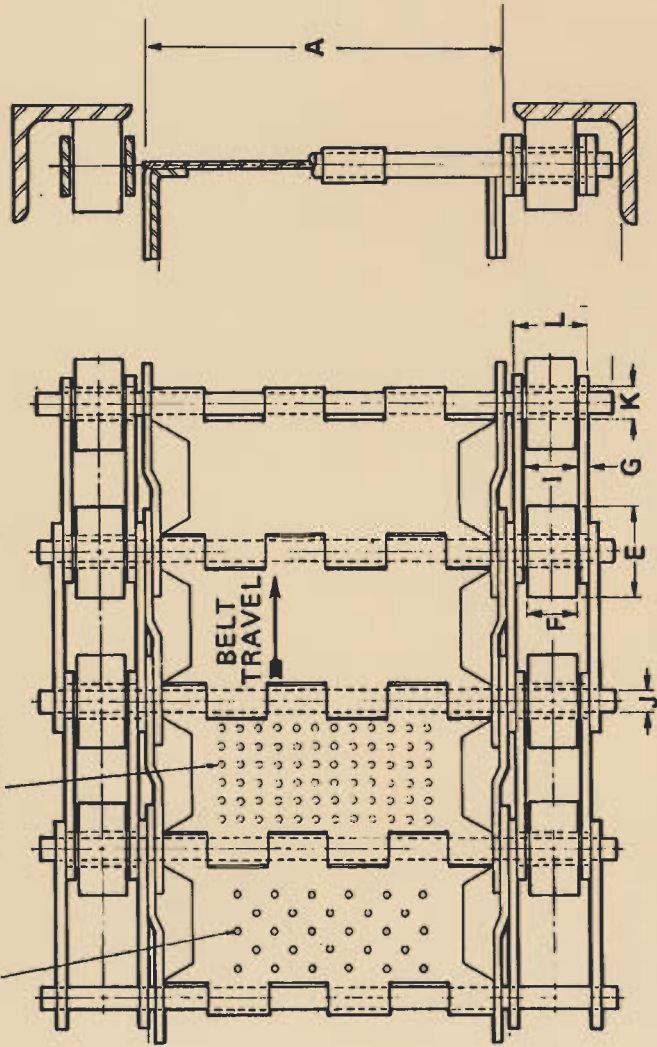


Available Cleat Styles



PERFORATIONS

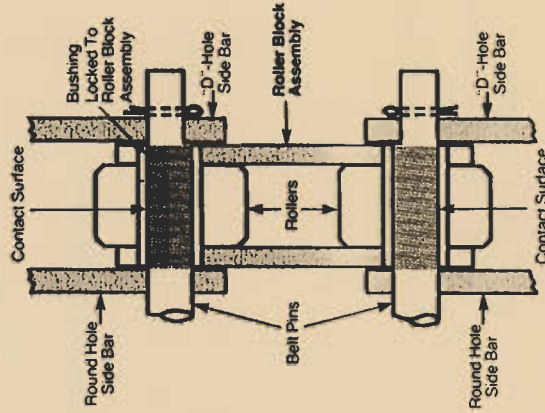
DIMPLES



Chain Design

The key design factor is joint pressure. This is the pressure which occurs where adjacent parts rub against each other as the chain goes around sprockets and curves.

In a Mayfran chain, every other link is a roller block with bushings positively locked to the side bars. The alternate links have "D" hole side bars, which engage flats milled on the ends of the connecting pins.



This concentrates the rubbing motion on the large contact surface between the pin and the bushing. This large contact surface keeps the joint pressure low, for minimum wear and maximum chain life.



2.5" PITCH HINGED STEEL BELT