



Gripper Chains Family

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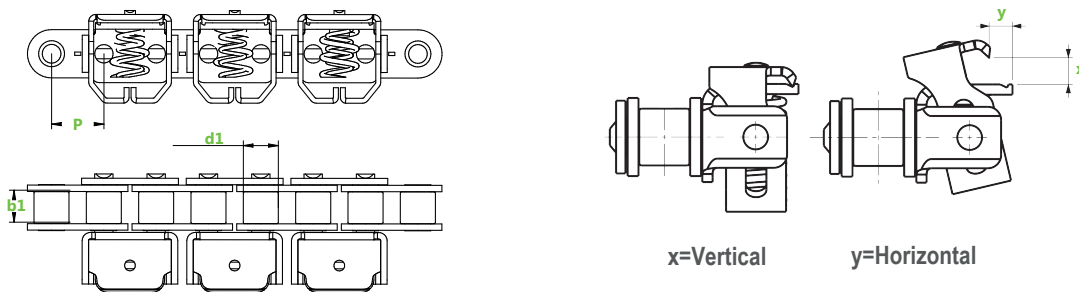


MTD - Your better choice

With more than 20 years experience of stainless steel chains production, MTD is becoming one of the leading manufacturers in China. After continues study and investment, MTD now has almost all popular Gripper Chain models. Those high-performanced chains are widely welcomed by both OEM and after-market, domestic and overseas customers.

Gripper Chain Features

- MTD Gripper Chains with Base Chains available both in Nickel Plated and Stainless Steel, for excellent corrosion resistance;
- Stainless springs are made of Japan-imported material which ensure the clamping force always;
- For stainless steel base chain, Pin & Bush are made of AISI 630HT which provides outstanding wear-resistance;
- Supplied in Pre-stretched and matched strands which guarantee trouble-free machine set-up;
- Furthermore, Lube-free Nickel Plated chain version is also available upon request.



MTD Applications

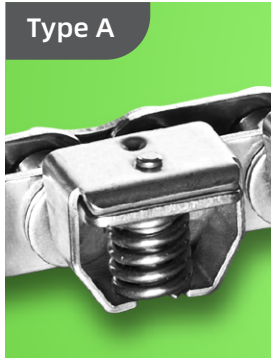
MTD Gripper Chains are widely used in various industries for Form, Fill and Vacuum Seal wrapping applications

- **Food Industry:** Packaging for Ham, sausage, cheese, bread, fish etc.
- **Electronics Industry:** Packaging for wires etc.
- **Medical Industry:** Packaging for injection syringe, pharmaceutical etc.

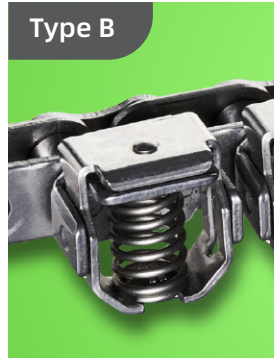
How to Order MTD Gripper Chains



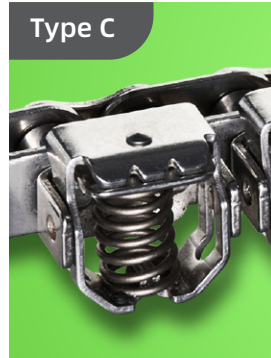
08B	1	GC	A	SS
Chain Size	Strand	Gripper Chain	Type	Base Chain Material



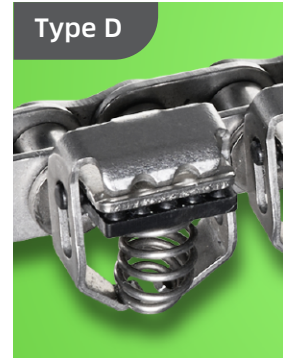
Type A
Simple Clamp Type



Type B
Standard Clamp Type



Type C
Teeth Clamp Type



Type D
Clamp w/extra Plastic

The Simple Frame Clamp (Type A) Opens vertically by slight lateral movement to follow the cam shape.

MTD Code	DIN / ISO	Material			Pitch P mm	Inside Width b1 Max mm	Roller Dia. d1 Max mm	Clamp Moving		Clamp Force Q-C N	Tensile Strength Q Min. kN
		Base Chain	Clamp	Spring				Vertical x mm	Horizontal y mm		
08B1GC-A	08B-1	SS	SS	SS	12.700	7.75	8.51	3	-	85	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	3	-	85	18.0



The Standard Frame Clamp (Type B) Allows for a combination of vertical movement and horizontal rotation to ensure easy film engagement and scrap release.

MTD Code	DIN / ISO	Material			Pitch P mm	Inside Width b1 Max mm	Roller Dia. d1 Max mm	Clamp Moving		Clamp Force Q-C N	Tensile Strength Q Min. kN
		Base Chain	Clamp	Spring				Vertical x mm	Horizontal y mm		
08B1GC-B	08B-1	SS	SS	SS	12.700	7.75	8.51	4.2	3.7	50	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	4.2	3.7	50	18.0
08B2GC-B	08B-2	SS	SS	SS	12.700	7.75	8.51	4.2	3.7	50	25.5
	08B-2	NP	SS	SS	12.700	7.75	8.51	4.2	3.7	50	32.0
10B1GC-B	10B-1	SS	SS	SS	15.875	9.65	10.16	6.7	5.6	70	18.5
	10B-1	NP	SS	SS	15.875	9.65	10.16	6.7	5.6	70	22.4
10B2GC-B	10B-2	SS	SS	SS	15.875	9.65	10.16	6.7	5.6	70	35.6
	10B-2	NP	SS	SS	15.875	9.65	10.16	6.7	5.6	70	44.5



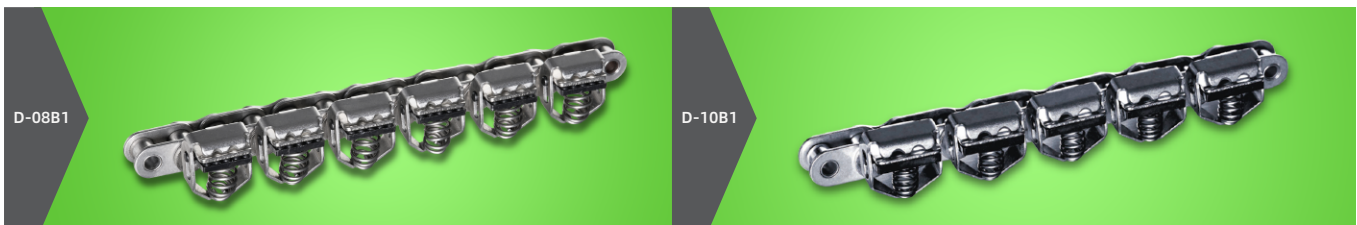
The Teeth Frame Clamp (Type C) Provide better clamping performance with thicker and stronger film.

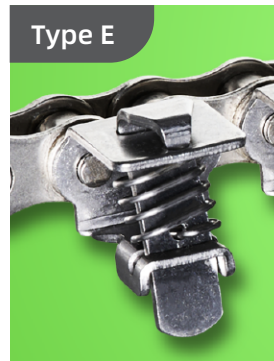
MTD Code	DIN / ISO	Material			Pitch	Inside Width	Roller Dia.	Clamp Moving		Clamp Force	Tensile Strength
		Base Chain	Clamp	Spring				Vertical x mm	Horizontal y mm		
08B1GC-C	08B-1	SS	SS	SS	12.700	7.75	8.51	4.2	3.7	50	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	4.2	3.7	50	18.0
08B2GC-C	08B-2	SS	SS	SS	12.700	7.75	8.51	4.2	3.7	50	25.5
	08B-2	NP	SS	SS	12.700	7.75	8.51	4.2	3.7	50	32.0
10B1GC-C	10B-1	SS	SS	SS	15.875	9.65	10.16	6.7	5.6	70	18.5
	10B-1	NP	SS	SS	15.875	9.65	10.16	6.7	5.6	70	22.4
10B2GC-C	10B-2	SS	SS	SS	15.875	9.65	10.16	6.7	5.6	70	35.6
	10B-2	NP	SS	SS	15.875	9.65	10.16	6.7	5.6	70	44.5



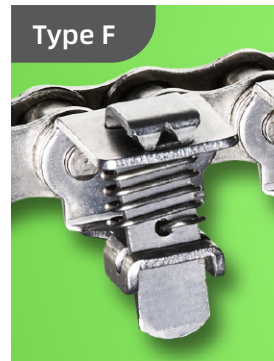
The Clamp w/ extra Plastic (Type D) Offer combined Steel-Plastic plates which ensure the optimum wearing performance.

MTD Code	DIN / ISO	Material			Pitch	Inside Width	Roller Dia.	Clamp Moving		Clamp Force	Tensile Strength
		Base Chain	Clamp	Spring				Vertical x mm	Horizontal y mm		
08B1GC-D	08B-1	SS	SS	SS	12.700	7.75	8.51	4.2	3.7	50	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	4.2	3.7	50	18.0
10B1GC-D	10B-1	SS	SS	SS	15.875	9.65	10.16	6.7	5.6	70	18.5
	10B-1	NP	SS	SS	15.875	9.65	10.16	6.7	5.6	70	22.4





1 Tip Clamp Type



2 Tips Clamp Type

1 Tip Clamp (Type E) Gripper with 1 Tip - The holding force depends on the material being transported and the Spring coils & Dia. of Spring.

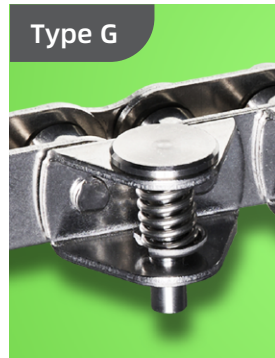
MTD Code	DIN / ISO	Material			Pitch P mm	Inside Width b1 Max mm	Roller Dia. d1 Max mm	Clamp Moving		Clamp Force Q-C N	Tensile Strength Q Min. kN
		Base Chain	Clamp	Spring				Vertical x mm	Horizontal y mm		
08B1GC-E	08B-1	SS	SS	SS	12.700	7.75	8.51	5	6	15	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	5	6	15	18.0



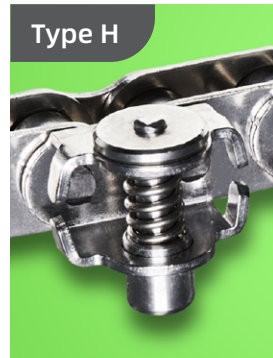
2 Tips Clamp (Type F) Gripper with 2 Tips - The holding force depends on the material being transported and the Spring coils & Dia. of Spring.

MTD Code	DIN / ISO	Material			Pitch P mm	Inside Width b1 Max mm	Roller Dia. d1 Max mm	Clamp Moving		Clamp Force Q-C N	Tensile Strength Q Min. kN
		Base Chain	Clamp	Spring				Vertical x mm	Horizontal y mm		
08B1GC-F	08B-1	SS	SS	SS	12.700	7.75	8.51	5	6	10	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	5	6	10	18.0





Button Clamp Type



New Button Clamp Type

Button Clamp (Type G) Allows symmetrical rotation. The holding force is determined by the material being transported. The clamp does not swivel away outwards when opened.

MTD Code	DIN / ISO	Material			Pitch	Inside Width		Roller Dia.	Clamp Moving		Clamp Force	Tensile Strength
		Base Chain	Clamp	Spring		P mm	b1 Max mm		d1 Max mm	Vertical x mm		
10B1GC-G	10B-1	SS	SS	SS	15.875	9.65	10.16	3.3	-	80	18.5	
	10B-1	NP	SS	SS	15.875	9.65	10.16	3.3	-	80	22.4	



New Button Clamp (Type H) Allows symmetrical rotation. The holding force is determined by the material being transported. The clamp does not swivel away outwards when opened.

MTD Code	DIN / ISO	Material			Pitch	Inside Width		Roller Dia.	Clamp Moving		Clamp Force	Tensile Strength
		Base Chain	Clamp	Spring		P mm	b1 Max mm		d1 Max mm	Vertical x mm		
10B1GC-H	10B-1	SS	SS	SS	15.875	9.65	10.16	3.3	-	80	18.5	
	10B-1	NP	SS	SS	15.875	9.65	10.16	3.3	-	80	22.4	





Horizontal Clamp Type

Horizontal Clamp (Type I) With two springs of 30N each allows uniform film clamping. Clamp design increases film retention and smooth operations.

MTD Code	DIN / ISO	Material			Pitch P mm	Inside Width b1 Max mm	Roller Dia. d1 Max mm	Clamp Moving		Clamp Force Q-C N	Tensile Strength Q Min. kN
		Base Chain	Clamp	Spring				Vertical x mm	Horizontal y mm		
08B1GC-I	08B-1	SS	SS	SS	12.700	7.75	8.51	5.9	-	60	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	5.9	-	60	18.0
08B2GC-I	08B-2	SS	SS	SS	12.700	7.75	8.51	5.9	-	60	25.5
	08B-2	NP	SS	SS	12.700	7.75	8.51	5.9	-	60	32.0



Sprockets for Gripper Chains Is also available upon request.





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