



HYC[®]

Gripper Chains Family



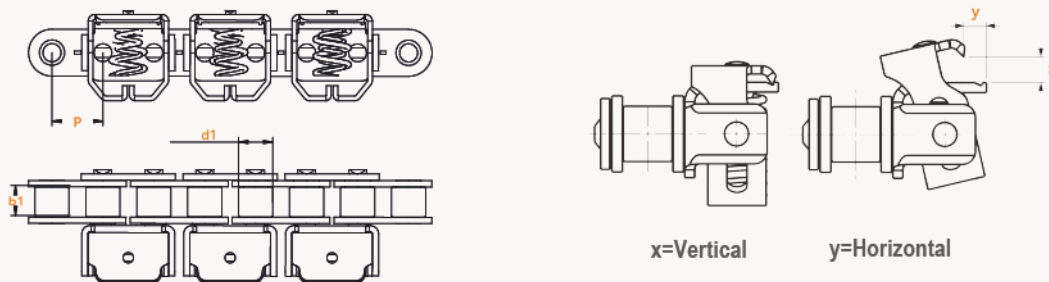
**SINCE
1998**

HYC - Your better choice

With more than 20 years experience of stainless steel chains production, HYC is becoming one of the leading manufacturers in China. After continuous study and investment, HYC 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

- HYC 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.



HYC Applications

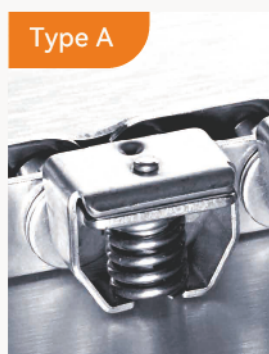
HYC Gripper chains are widely used in various industries for Form, Fill and Vacuum Seal wrapping applications

- 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 HYC Gripper Chains



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



Simple Clamp Type



Standard Clamp Type



Teeth Clamp Type



Clamp w/ extra Plastic

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

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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.

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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.

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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

C-08B1



C-10B1



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

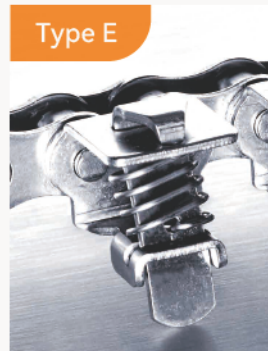
HYC Code	DIN / ISO	Material			Pitch	Inside Width	Roller Dia.	Clamp Moving		Clamp Force	Tensile Strength
		Base Chain	Clamp	Spring	P mm	b1 Max mm	d1 Max mm	Vertical x mm	Horizontal y mm	Q-C N	Q Min. kN
08B1GC-D	08B-1	SS	SS	SS	12.700	7.75	8.51	4.2	3.7	50	15.0
	08B-1	NP	SS	SS	12.700	7.75	8.51	4.2	3.7	50	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

D-08B1



D-10B1





Type E

1 Tip Clamp Type

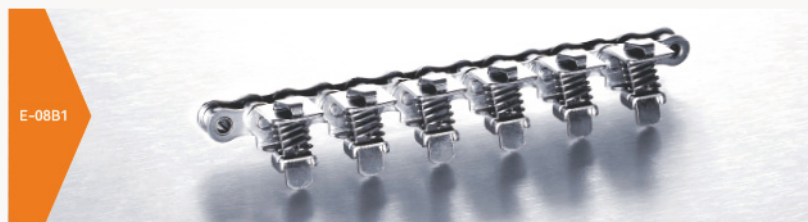


Type F

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.

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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



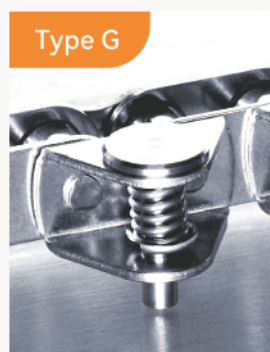
E-08B1

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.

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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

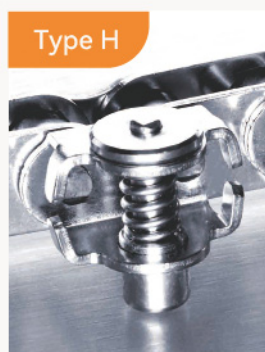


F-08B1



Type G

Button Clamp Type



Type H

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.

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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



G-10B1

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.

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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



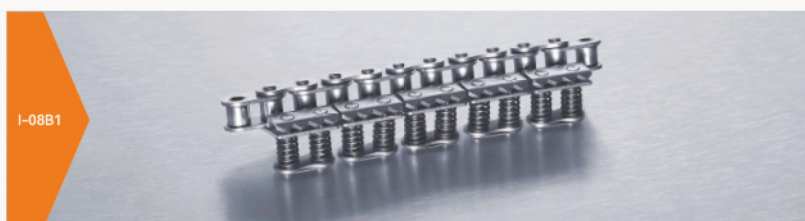
H-10B1



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.

HYC 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	Horizontal y mm	Q-C N	Q Min. kN
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.



HYC[®]



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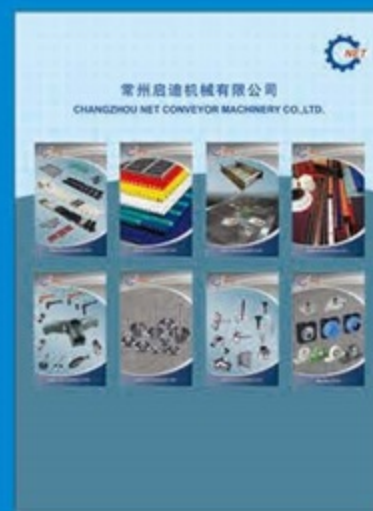
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