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謙虛的態度、專業的服務

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# INTRODUCTION

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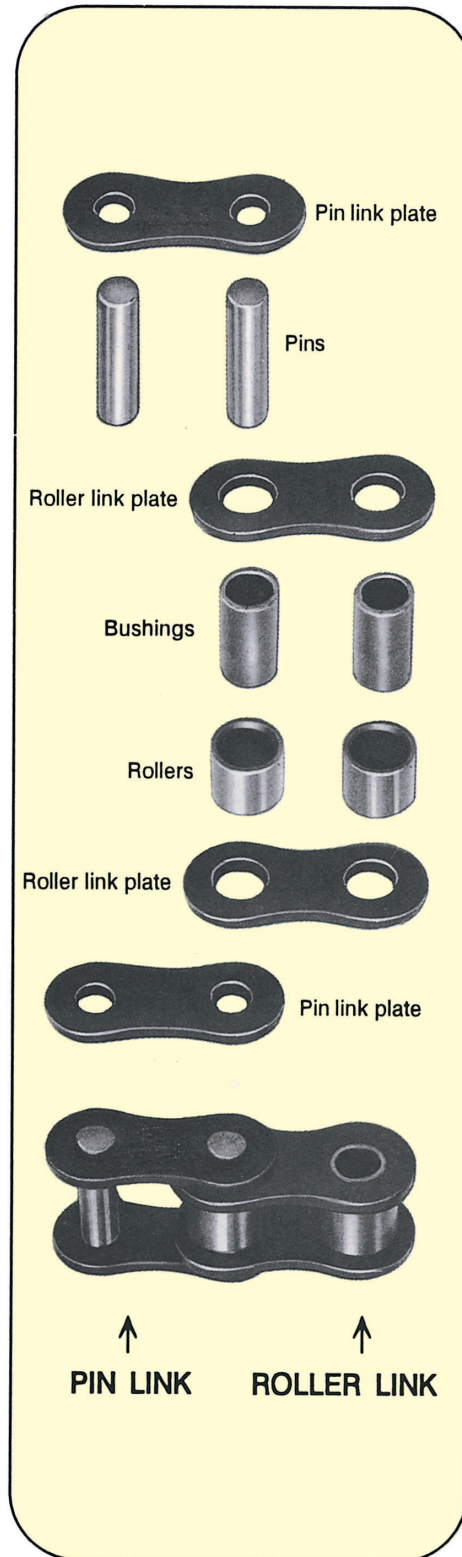
# ROLLER CHAIN P·A·R·T·S

## PIN

Pins act as chain bearing members to receive shearing and bending force when load is applied to chain. Therefore, pins must have high strength and toughness as well as resistance to wear.

## ROLLER

The rollers act as shock absorbing members to protect other component parts when chain engages with sprocket teeth, thus must have toughness with proper surface hardness.



## LINK PLATE

The chain link plates act as the main tension members when load is applied to chain. As such, link plates must have maximum strength and resistance to fatigue to withstand demanding conditions of heavy, pulsating and shock loads.

## BUSHING

The bushings act as chain bearing members along with pins. Bushings have particularly high wear resisting properties together with proper strength and toughness.



# ROLLER CHAIN P·A·R·T·S

## PIN LINK

An outside link consisting of two pin link plates assembled with two pins.

There are three types of pin links :

Riveted :

Standard type of pin link.

Double Cotter :

Pin link with two cotters.

Long Solid Cotter :

Pin link with one long cotter.

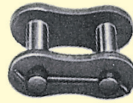
## PIN LINKS



Riveted

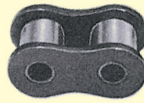


Double cotter



Long solid cotter

## ROLLER LINK

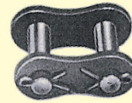


Roller link

## CONNECTING LINKS

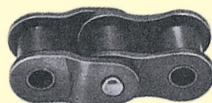


Spring clip

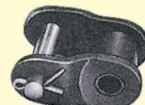


Cotter pin

## OFFSET LINKS



Two pitch offset link



One pitch offset link

## CONNECTING LINK

An outside link consisting of a pin link plate, two assembled pins and a detachable pin link plate. There are two types of connecting links :

Spring Clip Type :

The detachable pin link plate is retained by a spring clip which engages grooves cut in the ends of the pins.

Cotter Pin Type :

With two cotters.

## ROLLER LINK

An inside link consisting of two roller link plates, two bushings and two rollers.

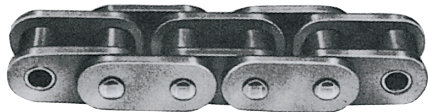
## OFFSET LINK

A link consisting of two offset link plates, a bushing, a roller, a removable pin, and cotter.

The two pitch offset link consisting of a roller link and an offset link, which are connected by a riveted press-fit pin.

# CHAIN TYPES AND THEIR FEATURES

In order to satisfy heavy works in agriculture, agricultural roller chains furnished by TYC for either



transmission or conveying are qualified in durability & strength.

**AGRICULTURAL ROLLER CHAIN**

**ANSI STD ROLLER CHAIN**

TYC ANSI standard roller chains are compatible with those of other manufactures because they conform to all the requirements of the ANSI B29 .1. The major usage of TYC ANSI standard roller chains is for power



transmission. For higher loading, multiple strands are available.

**ISO STANDARD ROLLER CHAIN**

TYC ISO standard roller chains conform to ISO, DIN and BS requirements. They can



be adapted to European factories and as substitutions for the chains on the European machine.

**DOUBLE PITCH ROLLER CHAIN**

TYC produces two types of double pitch roller chain :  
 Transmission-with "8" shaped side plates.  
 Conveyor-with straight side plates.

conveyor

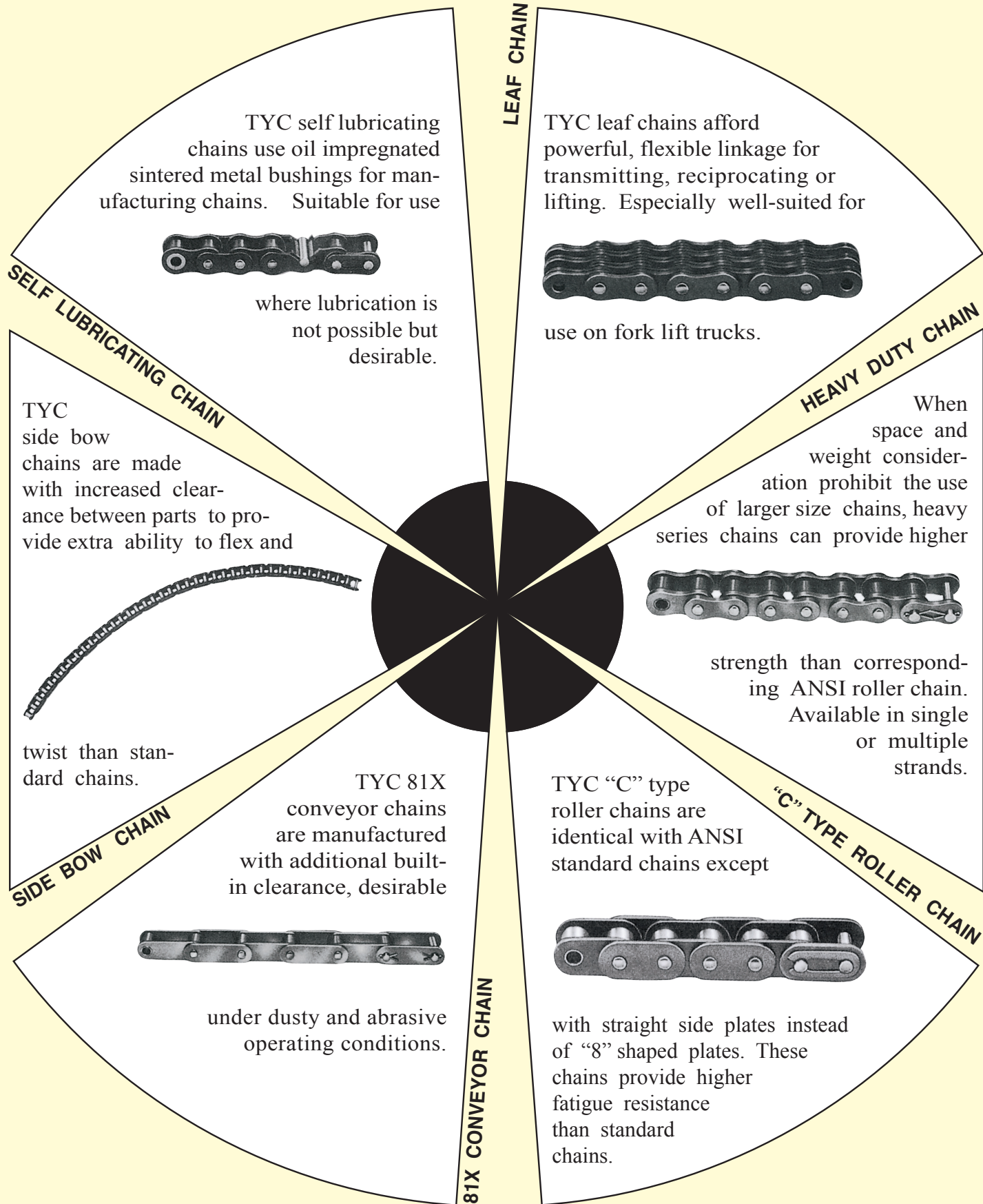


transmission

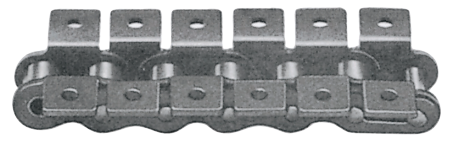


These chains are furnished as the same standard as ANSI series, with all elements remaining unchanged except the double length pitch, and can serve in lower speed, light load and longer distance works.

Under the same precision quality, the reduction of material provide a more economical choice.



There are numerous ANSI standard attachments available with TYC ANSI standard roller chains, such as D-1, D-3, A-1, D-1, M-1, M35 and series



with "W" suffix. Special types and various combinations would also be supplied on made-to-order basis.

**ATTACHMENT**

TYC motorcycle chains are design to resist wear, shock and fatigue to enable today's sophisticated motorcycles for increasing horse-power, ridden at higher speed and with high torque.



Nickel alloy coating gives good corrosive resistant characteristics. TYC nickel plated roller chains have the same strengths, wear resistance as those of ANSI standard roller chains.



**MOTORCYCLE CHAIN**

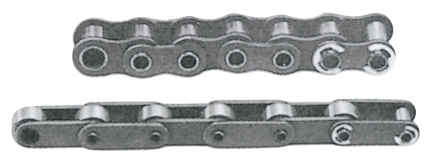
Being made to the same principal dimensions as ANSI standard roller chains and made in stainless steel, stainless steel roller chain inherent excellent corrosion resistance and that is the best reason to choose TYC stainless steel roller chains to serve in unusual high or low temperature or corrosive environment.



Rollerless chains, the ANSI standard roller chains assembled without rollers, can be applied where rollers are not necessary. Like lifting or tension linkage.



Hollow pin chains provide unlimited conveyor design versatility. Attachments or cross-rod can be inserted in the holes at any frequency, thus hollow pin chains allow various changes of combination without removing the chains from the conveyor.



**HOLLOW PIN CHAIN**

TYC motorcycle chains are design to resist wear, shock and fatigue to enable today's sophisticated motorcycles for increasing horse-power, ridden at higher speed and with high torque.

**NICKEL PLATED CHAIN**

**STAINLESS STEEL CHAIN**

**ROLLERLESS CHAIN**

# CHAIN PARTS

**SINGLE STRAND** 75

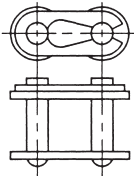
**MULTIPLE STRAND** 78



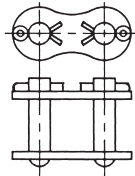


# CHAIN PARTS

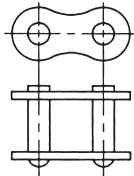
CONN. LINK  
spring  
clip type



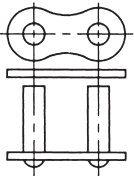
CONN. LINK  
cotter pin  
type



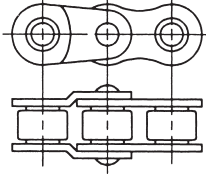
CONN. LINK  
snap-on  
type



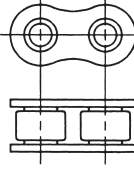
PIN LINK  
rivet-on  
type



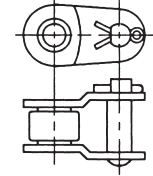
TWO PITCH  
OFFSET  
LINK



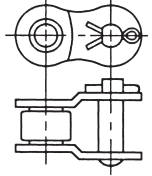
ROLLER  
LINK



OFFSET LINK  
cotter pin  
type



OFFSET LINK  
contour  
side bar

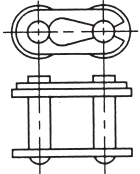


CONN. LINK Spring Clip Type	CONN. LINK Cotter Pin Type	CONN. LINK Snap-on Type	PIN LINK Rivet-on Type	TWO PITCH OFFSET LINK	ROLLER LINK	OFFSET LINK Cotter Pin Type	OFFSET LINK Contour Side Bar
25			25	25	25		
35	35		35	35	35	35	
40	40		40	40	40	40	
41	41		41	41	41	41	
50	50		50	50	50	50	
60	60		60	60	60	60	
80	80		80	80	80	80	
	100		100	100	100	100	
	120		120	120	120	120	
	140		140	140	140	140	
	160		160	160	160	160	
	180		180	180	180	180	
	200		200	200	200	200	
A2040	A2040		A2040	A2040	A2040		A2040
A2050	A2050		A2050	A2050	A2050		A2050
A2060	A2060		A2060	A2060	A2060		A2060
C2040	C2040		C2040	C2040	C2040	C2040	
C2050	C2050		C2050	C2050	C2050	C2050	
C2060	C2060		C2060	C2060	C2060	C2060	
C2042/C2040	C2042/C2040		C2042/C2040	C2042	C2042	C2042	
C2052/C2050	C2052/C2050		C2052/C2050	C2052	C2052	C2052	
04			04	04	04		
05B			05B	05B	05B		
06B	06B		06B	06B	06B	06B	
08B	08B		08B	08B	08B	08B	
10B	10B		10B	10B	10B	10B	
12B	12B		12B	12B	12B	12B	
16B	16B		16B	16B	16B	16B	
	20B		20B	20B	20B	20B	
	24B		24B	24B	24B	24B	
	32B		32B	32B	32B	32B	
CA550	CA550		CA550	CA550	CA550	CA550	
	CA555		CA555	CA555	CA555	CA555	
	CA557		CA557	CA557	CA557	CA557	
25H			25H	25H	25H		
50H	50H		50H	50H	50H	50H	
60H	60H		60H	60H	60H	60H	
80H	80H		80H	80H	80H	80H	
	100H		100H	100H	100H	100H	
	120H		120H	120H	120H	120H	
	140H		140H	140H	140H	140H	
	160H		160H	160H	160H	160H	
C2060H	C2060H		C2060H	C2060H	C2060H	C2060H	
	C2080H		C2080H	C2080H	C2080H	C2080H	
	C2100H		C2100H	C2100H	C2100H	C2100H	

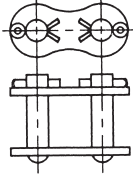


# CHAIN PARTS

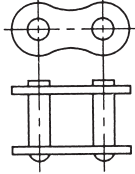
CONN. LINK  
spring  
clip type



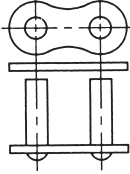
CONN. LINK  
cotter pin  
type



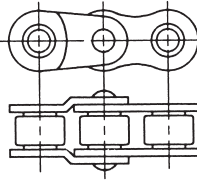
CONN. LINK  
snap-on  
type



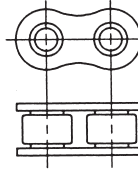
PIN LINK  
rivet-on  
type



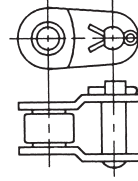
TWO PITCH  
OFFSET  
LINK



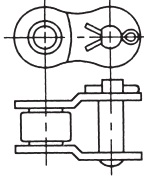
ROLLER  
LINK



OFFSET LINK  
cotter pin  
type



OFFSET LINK  
contour  
side bar

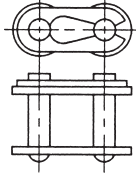


CONN. LINK Spring Clip Type	CONN. LINK Cotter Pin Type	CONN. LINK Snap-on Type	PIN LINK Rivet-on Type	TWO PITCH OFFSET LINK	ROLLER LINK	OFFSET LINK Cotter Pin Type	OFFSET LINK Contour Side Bar
	C2120H		C2120H	C2120H	C2120H	C2120H	
	C2160H		C2160H	C2160H	C2160H	C2160H	
C2062H/C2060H	C2062H/C2060H		C2062H/C2060H	C2062H	C2062H	C2062H	
	C2082H/C2080H		C2082H/C2080H	C2082H	C2082H	C2082H	
	C2102H/C2100H		C2102H/C2100H	C2102H	C2102H	C2102H	
	C2122H/C2120H		C2122H/C2120H	C2122H	C2122H	C2122H	
	C2162H/C2160H		C2162H/C2160H	C2162H	C2162H	C2162H	
C08B	C08B		C08B		C08B		
C10B	C10B		C10B		C10B		
C12B	C12B		C12B		C12B		
C40	C40		C40		C40		
C50	C50		C50		C50		
C60	C60		C60		C60		
C80	C80		C80		C80		
	C100		C100		C100		
	81X		81X		81X	81X	
	81XH		81XH		81XH	81XH	
	81XHH		81XHH		81XHH	81XHH/81XH	
	81X-8"		81X-8"		81X-8"		
35SB				35SB		35SB	
40SB				40SB		40SB	
50SB				50SB		50SB	
60SB				60SB		60SB	
80SB				80SB		80SB	
C2040SB				C2040SB		C2040SB	
C2050SB				C2050SB		C2050SB	
C2060SB				C2060SB		C2060SB	
C2080SB				C2080SB		C2080SB	
43SB		43SB			43SB/40		
63SB		63SB			63SB/60		
43		43	43		43		
63		63	63		63		
40HP							
50HP							
60HP							
80HP							
C2040HP							
C2050HP							
C2060HP							
C2080HP							
C2042HP/C2040HP							
C2052HP/C2050HP							
C2062HP/C2060HP							
C2082HP/C2080HP							
55/50	55/50		55/50	55	55	55	

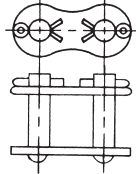


# CHAIN PARTS

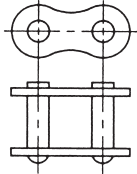
CONN. LINK  
spring  
clip type



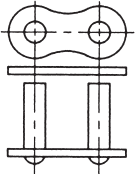
CONN. LINK  
cotter pin  
type



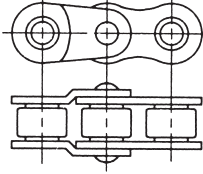
CONN. LINK  
snap-on  
type



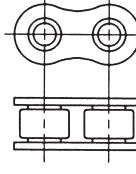
PIN LINK  
rivet-on  
type



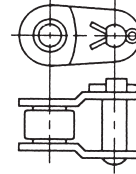
TWO PITCH  
OFFSET  
LINK



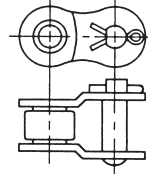
ROLLER  
LINK



OFFSET LINK  
cotter pin  
type



OFFSET LINK  
contour  
side bar

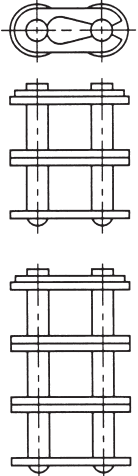


CONN. LINK Spring Clip Type	CONN. LINK Cotter Pin Type	CONN. LINK Snap-on Type	PIN LINK Rivet-on Type	TWO PITCH OFFSET LINK	ROLLER LINK	OFFSET LINK Cotter Pin Type	OFFSET LINK Contour Side Bar
65/60	65/60		65/60	65	65	65	
85/80	85/80		85/80	85	85	85	
	105/100		105/100	105	105	105	
25SS	25SS		25SS	25SS	25SS		
35SS	35SS		35SS	35SS	35SS	35SS	
40SS	40SS		40SS	40SS	40SS	40SS	
41SS	41SS		41SS	41SS	41SS	41SS	
50SS	50SS		50SS	50SS	50SS	50SS	
60SS	60SS		60SS	60SS	60SS	60SS	
80SS	80SS		80SS	80SS	80SS	80SS	
05BSS			05BSS	05BSS	05BSS		
06BSS	06BSS		06BSS	06BSS	06BSS	06BSS	
08BSS	08BSS		08BSS	08BSS	08BSS	08BSS	
10BSS	10BSS		10BSS	10BSS	10BSS	10BSS	
12BSS	12BSS		12BSS	12BSS	12BSS	12BSS	
16BSS	16BSS		16BSS	16BSS	16BSS	16BSS	
	C2040SS		C2040SS	C2040SS	C2040SS	C2040SS	
	C2050SS		C2050SS	C2050SS	C2050SS	C2050SS	
	C2060SS		C2060SS	C2060SS	C2060SS	C2060SS	
	C2060HSS		C2060HSS	C2060HSS	C2060HSS	C2060HSS	
	C2080SS		C2080SS	C2080SS	C2080SS	C2080SS	
	C2080HSS		C2080HSS	C2080HSS	C2080HSS	C2080HSS	
	C2042SS/C2040SS		C2042SS/C2040SS	C2042SS	C2042SS	C2042SS	
	C2052SS/C2050SS		C2052SS/C2050SS	C2052SS	C2052SS	C2052SS	
	C2062SS/C2060SS		C2062SS/C2060SS	C2062SS	C2062SS	C2062SS	
	C2082SS/C2080SS		C2082SS/C2080SS	C2082SS	C2082SS	C2082SS	
	C2062HSS/C2060HSS		C2062HSS/C2060HSS	C2062HSS	C2062HSS	C2062HSS	
	C2082HSS/C2080HSS		C2082HSS/C2080HSS	C2082HSS	C2082HSS	C2082HSS	
408			408	408	408	408	
410		410	410	410	410	410	410
415		415	415	415	415	415	415
415B			415B	415B	415B	415B	
415H			415H	415H	415H	415H	
420			420	420	420	420	
423			423	423	423	423	
428			428	428	428	428	
428H			428H	428H	428H	428H	
510			510	510	510	510	510
515			515	515	515	515	515
520			520	520	520	520	
520H			520H	520H	520H		
530			530	530	530	530	
530H			530H	530H	530H		

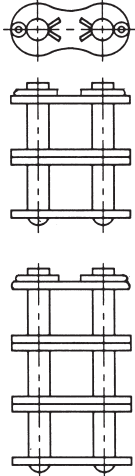


# CHAIN PARTS

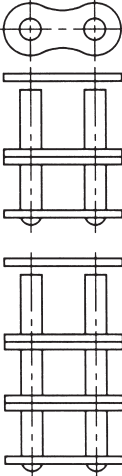
CONN. LINK  
spring  
clip type



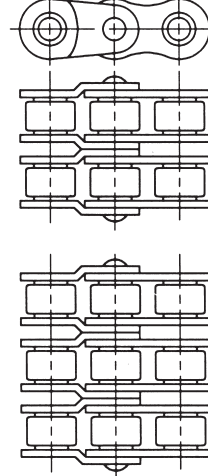
CONN. LINK  
cotter pin  
type



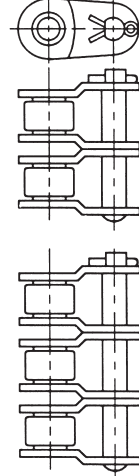
PIN LINK  
rivet-on  
type



TWO PITCH  
OFFSET  
LINK



OFFSET LINK  
cotter pin  
type



CONN. LINK Spring Clip Type	CONN. LINK Cotter Pin Type	PIN LINK Rivet-on Type	TWO PITCH OFFSET LINK	OFFSET LINK Cotter Pin Type
25-2,-3		25-2,-3	25-2,-3	
35-2, 3, -4	35-2, 3, -4	35-2, 3, -4	35-2, 3, -4	35-2, 3, -4
40-2, 3, -4	40-2, 3, -4	40-2, 3, -4	40-2, 3, -4	40-2, 3, -4
50-2, 3, -4	50-2, 3, -4	50-2, 3, -4	50-2, 3, -4	50-2, 3, -4
60-2, 3, -4	60-2, 3, -4	60-2, 3, -4	60-2, 3, -4	60-2, 3, -4
80-2, 3, -4	80-2, 3, -4	80-2, 3, -4	80-2, 3, -4	80-2, 3, -4
	100-2, -3,-4	100-2,3,-4	100-2,3,-4	100-2, -3,-4
	120-2, -3,-4	120-2,3,-4	120-2,3,-4	120-2, -3,-4
	140-2,-3	140-2,-3	140-2,-3	140-2,-3
	160-2,-3	160-2,-3	160-2,-3	160-2,-3
	200-2,-3	200-2,-3	200-2,-3	200-2,-3
06B-2, -3	06B-2, -3	06B-2, -3	06B-2, -3	06B-2, -3
08B-2, -3	08B-2, -3	08B-2, -3	08B-2, -3	08B-2, -3
10B-2,-3	10B-2,-3	10B-2,-3	10B-2,-3	10B-2,-3
12B-2,-3	12B-2,-3	12B-2,-3	12B-2,-3	12B-2,-3
16B-2,-3	16B-2,-3	16B-2,-3	16B-2,-3	16B-2,-3
	20B-2,-3	20B-2,-3	20B-2,-3	20B-2,-3
	24B-2,-3	24B-2,-3	24B-2,-3	24B-2,-3
	28B-2,-3	28B-2,-3	28B-2,-3	28B-2,-3
	32B-2,-3	32B-2,-3	32B-2,-3	32B-2,-3
60H-2, -3	60H-2, -3	60H-2, -3	60H-2, -3	60H-2, -3
80H-2, -3	80H-2, -3	80H-2, -3	80H-2, -3	80H-2, -3
25-2SS		25-2SS	25-2SS	
35-2SS	35-2SS	35-2SS	35-2SS	35-2SS
40-2SS	40-2SS	40-2SS	40-2SS	40-2SS
50-2SS	50-2SS	50-2SS	50-2SS	50-2SS
60-2SS	60-2SS	60-2SS	60-2SS	60-2SS
80-2SS	80-2SS	80-2SS	80-2SS	80-2SS
06B-2SS	06B-2SS	06B-2SS	06B-2SS	06B-2SS
08B-2SS	08B-2SS	08B-2SS	08B-2SS	08B-2SS
10B-2SS	10B-2SS	10B-2SS	10B-2SS	10B-2SS
12B-2SS	12B-2SS	12B-2SS	12B-2SS	12B-2SS
16B-2SS	16B-2SS	16B-2SS	16B-2SS	16B-2SS