

Double Pitch Roller Chains

Stainless Steel

● **Order No. Example**

C2042-SUS 120 Links

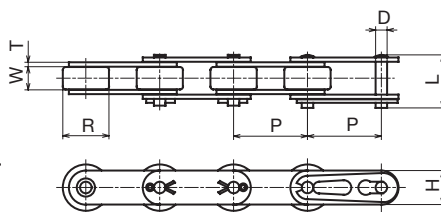
Chain No.

10ft
3m

Unit



S Roller



R-Type

All parts of stainless steel chains are made of SUS304. Can be used in a high or low temperature environment or places with acid or alkaline chemical corrosion, water, or steam.

Chain No. Type	Roller Shape	Pitch P	Roller		Inner Link		Link Plate		Pin		Maximum Allowable Tension kN (kgf)
			Outer Diameter R	Inner Width W	Thickness T	Width H	Outer Diameter D	Length L			
C2040-SUS	S	25.40	7.92	7.95	1.5	11.7	3.97	17.65	0.44 (45)		
C2042-SUS	R		15.88								
C2050-SUS	S	31.75	10.16	9.53	2.0	14.6	5.09	21.80	0.69 (70)		
C2052-SUS	R		19.05								
C2060H-SUS	S	38.10	11.91	12.70	3.2	17.5	5.96	30.20	1.03 (105)		
C2062H-SUS	R		22.23								
C2080H-SUS	S	50.80	15.87	15.88	4.0	23.0	7.94	38.70	1.77 (180)		
C2082H-SUS	R		28.58								

Chain No. Type	Roller Shape	Approx. Weight kg/m	Unit				JL & OL		
			No. of Links	m	No. in Box (Quantity)	¥	¥		No. in Box (Quantity)
							JL	OL	
C2040-SUS	S	0.49	120L	3	10			50	
C2042-SUS	R	0.83			8				
C2050-SUS	S	0.83	96L	3	5			25	
C2052-SUS	R	1.28			5				
C2060H-SUS	S	1.46	80L	3	5			20	
C2062H-SUS	R	2.14			3				
C2080H-SUS	S	2.44	60L	3	3			10	
C2082H-SUS	R	3.50			2				



Order Method

Chain No. Unit and Quantity



Postage

Same-day shipping (Unit Only)

* Products with dimensional cutting are shipped in 3 working days.



Precautions

* Dimensional cutting products will be charged as a combination of product price with chain cutting fee included.



Use Examples

When used in food machinery, use 3H (direct food contact-safe oil) Bio-Adnil spray certified by NSF International. See P346



Standard Roller Chains / [S Type Roller] Double Pitch Chains

Chains with Attachments

40, 50, 60, 80 Series

■ **Features:** JIS A, Type 1 chains. Selectable for desired number of links.

■ **Standard Roller Chains**

Type	Material
CHE	Steel
CHEM	Lubrication-Free (Steel, Oil Contained Bushings)
CHES	Stainless Steel

(Figure: 4 Links)

RoHS Accessory: Joint Links (as the final links)

■ **Number of Links Configurable** For Technical Information about Chain Drive Mechanism, see P2305

Type	Nominal	Number of Links (Specify Even Number)	Pitch	h	m	n	T	t	ØD	ØR	H	W	Max. Allowable Tension (kN)	Unit Price		Cutting Charge (+ Unit Price)
														Less than Number of Links per Unit	Number of Links per Unit or More	
CHE (Steel)	15	4~	4.76	3.05	3.85	6.80	0.57	0.57	1.62	2.48	4.3	2.38	0.31			
	25		6.35	3.80	4.80	8.60	0.75	0.75	2.31	3.30	5.8	3.18	0.64			
	35		9.53	5.70	7.10	12.80	1.25	1.25	3.59	5.08	8.8	4.78	2.16			
	40		12.70	8.02	9.53	17.55	1.50	1.50	3.97	7.92	11.7	7.95	3.63			
	50		15.875	10.15	11.60	21.75	2.00	2.00	5.09	10.16	14.6	9.53	6.37			
	60		19.05	12.65	14.15	26.80	2.40	2.40	5.96	11.91	17.5	12.70	8.83			
CHEM (Lubrication-Free)	40	4~	12.70	8.55	10.05	18.60	2.00	1.50	3.97	7.92	11.7	7.95	3.63			
	50		15.875	10.57	12.03	22.60	2.40	2.00	5.09	10.16	14.6	9.53	6.37			
	60		19.05	13.45	14.95	28.40	3.20	2.40	5.96	11.91	17.5	12.70	8.83			
CHES (Stainless Steel)	11	4~	3.75	2.28	3.17	5.44	0.38	0.38	1.57	2.29	3.5	1.83	0.05			
	25		6.35	3.80	4.80	8.60	0.75	0.75	2.31	3.30	5.8	3.18	0.12			
	35		9.53	5.70	7.10	12.80	1.25	1.25	3.59	5.08	8.8	4.78	0.26			
	40		12.70	8.02	9.53	17.55	1.50	1.50	3.97	7.92	11.7	7.95	0.44			
	50		15.875	10.15	11.60	21.75	2.00	2.00	5.09	10.16	14.6	9.53	0.69			
	60		19.05	12.65	14.15	26.80	2.40	2.40	5.96	11.91	17.5	12.70	1.03			

■ **Number of Links Fixed (per Unit)**

Type	Nominal	Number of Links	Number of Links per Unit	Unit Price		
				CHE-U	CHEM-U	CHES-U
CHE CHEM CHES	11	U	134 (Circumference Length 502mm)	-	-	-
	15		210 (Circumference Length 1,000mm)	-	-	-
	25		480 (Circumference Length 3,048mm)	-	-	-
	35		320 (Circumference Length 3,048mm)	-	-	-
	40		240 (Circumference Length 3,048mm)	-	-	-
	50		192 (Circumference Length 3,048mm)	-	-	-
	60		160 (Circumference Length 3,048mm)	-	-	-
	80		120 (Circumference Length 3,048mm)	-	-	-

■ **Application Table of Joint Links and Offset Links**

Chains	Joint Link	Offset Link	Page
CHE (Steel)	JNTC	JNOC	P1593
CHEM (Lubrication-Free)	JMTC	JMOC	
CHES (Stainless Steel)	JNTS	JNOS	

⚠ Select links with the same nominal number.
⚠ Available in each piece qty. for stocks and repair.

■ **Features:** Flat plate allows workpiece to be put directly on plate for conveyance.

■ **Double Pitch Chains**

(Figure: 4 Links)

RoHS Accessory: Joint Links (as the final links) Material: Steel

Type	Nominal	Number of Links (Specify Even Number)	Pitch	h	m	n	T	t	ØD	ØR	H	W	Max. Allowable Tension (kN)	1 Unit Number of Links	Unit Price	Cutting Charge (+ Unit Price)
	50		31.75	10.15	11.60	21.75	2.0	2.0	5.09	10.16	14.6	9.53	4.41	96 (Circumference Length 3,048mm)		

■ **Joint Link Application Table**

Chains	Joint Link	Page
CHEW	JNTWC	P1593

⚠ Select links with the same nominal number.
⚠ Available in each piece qty. for stocks and repair.

⚠ Note the followings to order.

When the ordered number of links exceeds the given number of links per unit, the qty. of links per unit and the extra qty. of links are packaged separately.

Ex.) For CHE40-600, 3 separate packages: 240 links x 2 units +120 links

Ordering Example
Part Number - Number of Links
CHE80 - 200
(Unit Type) CHE80 - U

■ **Features:** Are standard chains with the Attachments and allow for various conveyances of small workpieces, depending on the intended usage.

■ **Chains with Attachments Chains**

• **Attachment on One Side Type**

CHEL (Attachment on All Links)

CHET (Attachment on Both Sides Type)

CHEL (Attachment on Every Two Links)

CHET (Attachment on Every Two Links)

CHEL (Attachment on Every Four Links)

CHET (Attachment on Every Four Links)

RoHS Accessory: Joint Links (as the final links) Material: Steel

For Technical Information about Chain Drive Mechanism, see P2305

Type	Nominal	Shape	* Number of Links	Pitch	Pin		Plate t	Attachment				Max. Allowable Tension (kN)	
					L1	L2		C	X	Y	N		d
CHEL (One Side Type) CHET (Both Sides Type)	40	A (All Links) B (Every Two Links) C (Every Four Links)	4~	12.70	8.07	9.48	1.5	7.9	12.7	17.4	9.5	3.6	2.75
	50		4~	15.875	10.17	11.63	2.0	15.5	15.9	22.3	12.7	5.2	4.41
	60		4~	19.05	12.70	14.20	2.4	19.05	19.05	27.2	15.9	5.2	6.28
	80		4~	25.40	16.15	19.25	3.2	25.4	25.4	35.2	19.1	6.8	10.69

* For the number of links, attachment shape A, B should be specified as the multiple of 2; Shape C as the multiple of 4.

Nominal	Unit Price						Cutting Charge
	Attachment on One Side Type			Attachment on Both Sides Type			
Specified Number of Links	Multiple of 2	Multiple of 2	Multiple of 4	Multiple of 2	Multiple of 2	Multiple of 4	
40	24x Links	17x Links	15x Links	33x Links	24x Links	20x Links	
50	35x Links	26x Links	24x Links	48x Links	35x Links	31x Links	
60	50x Links	39x Links	35x Links	68x Links	50x Links	42x Links	
80	96x Links	75x Links	69x Links	130x Links	95x Links	87x Links	

■ **Number of Links per Unit**

Part Number	Nominal	Number of Links per Unit
CHEL CHET	40	240 (Circumference Length 3,048mm)
	50	192 (Circumference Length 3,048mm)
	60	160 (Circumference Length 3,048mm)
	80	120 (Circumference Length 3,048mm)

■ **Joint Link Application Table**

Chains	Attachment Shape	Joint Link	Page
CHEL (One Side Type)	A,B	JNT-L	P1593
	C	JNTC	
CHET (Both Sides Type)	A,B	JNT-T	
	C	JNTC	

⚠ Select links with the same nominal number.
⚠ Available in each piece qty. for stocks and repair.

⚠ Note the followings to order.

When the ordered number of links exceeds the given number of links per unit, the qty. of links per unit and the extra qty. of links are packaged separately.

<Ex.> For CHEL50A-300, 2 separate packages: 192 links x 1 unit + 108 links

Ordering Example
Part Number - Number of Links
CHEL40A - 200

Joint Links, Offset Links

Standard Sprockets

11B, 15B Series

■ **Features:** Joint Links to connect chains. Available in each piece qty. for stocks and repair. Applicable Chains P.1591

■ **Joint Link**

JNTC (Steel)
JMTC (Lubrication-Free)
JNTS (Stainless Steel)

RoHS

Part Number Type	Nominal	Pin						Unit Price		
		h	m	n	t	ØD	H	JNTC	JMTC	JNTS
JNTC (Steel)	11	2.28	3.17	5.44	0.38	1.57	3.5	-	-	-
	15	3.05	3.85	6.80	0.57	1.62	4.3	-	-	-
JMTC (Lubrication-Free)	25	3.80	4.80	8.80	0.78	2.31	5.2	-	-	-
	35	5.70	7.10	12.85	1.20	3.60	7.7	-	-	-
JNTS (Stainless Steel)	40	8.02	9.53	17.55	1.15	3.97	11.7	-	-	-
	50	10.15	11.60	21.75	2.00	5.09	14.6	-	-	-
	60	12.65	14.15	26.80	2.40	5.96	17.5	-	-	-
80	16.07	19.18	35.00	3.20	7.94	21.1	-	-	-	

■ **Offset Link**

JNOC (Steel)
JMOC (Lubrication-Free)
JNOS (Stainless Steel)

RoHS

* Use offset links when an odd number of links are required.

Part Number Type	Nominal	Pin						Unit Price			
		h	m	n	t	ØD	H	W	JNOC	JMOC	JNOS
JNOC (Steel)	35	5.70	7.10	12.80	1.25	3.59	8.8	4.78	-	-	-
	40	8.02	9.53	17.55	1.50	3.97	11.7	7.95	-	-	-
JMOC (Lubrication-Free)	50	10.15	11.60	21.75	2.00	5.09	14.6	9.53	-	-	-
	60	12.65	14.15	26.80	2.40	5.96	17.5	12.70	-	-	-
80	16.07	19.18	35.25	3.20	7.94	23.0	15.88	-	-	-	

■ **Features:** Joint Links made of standard chains with attachment. Applicable chains P.1592

■ **Chains with Attachments Joint Link**

JNT-L (One Side Type)
JNT-T (Both Sides Type)

RoHS

Material: Steel

Part Number Type	Nominal	Pin		Plate		Attachment				Unit Price	
		L1	L2	t	C	X	Y	N	d	JNT-L	JNT-T
JNT-L (One Side Type)	40	8.07	9.48	1.5	7.9	12.7	17.4	9.5	3.6	-	-
	50	10.17	11.63	2.0	15.5	15.9	22.3	12.7	5.2	-	-
JNT-T (Both Sides Type)	60	12.70	14.20	2.4	19.05	19.05	27.2	15.9	5.2	-	-
	80	16.15	19.25	3.2	25.4	25.4	35.2	19.1	6.8	-	-

⚠ When ordering 1 - 9 link(s), "Unit Price + Low Quantity Surcharge (Line Item)" is applied.

Ordering Example
Part Number
JNTC60
JNT-L40

■ **Features:** Joint Links for double Pitch Chains. Applicable Chains P.1593

■ **Double Pitch S Type Dedicated Joint Link**

JNTWC

RoHS

Material: Steel

Part Number Type	Nominal	Pin						Unit Price		
		h	m	n	T	t	ØD	ØR	H	W
JNTWC	40	8.02	9.53	17.55	1.5	1.5	3.97	7.95	11.7	7.95
	50	10.15	11.60	21.75	2.0	2.0	5.09	10.16	14.6	9.53

Part Number Type	Nominal	Unit Price		Volume Discount Rate
		1 - 20 Link(s)	21 - 50 Links	
JNTWC	40	-	-	-
	50	-	-	-

Ordering Example
Part Number
JNTWC40

⚠ For orders larger than indicated quantity, please request a quotation.

■ **Features:** Rough shaft bore machining type S is also available for alteration.

■ **Standard Sprockets**

SSP11B (SUS304 Equivalent)
SP15B (S45C Equivalent)

Accessory: Set Screw (Only for shaft bore specifications P and N)

Shaft Bore Specs. S (Rough Machining) | Shaft Bore Specs. P (Round Bore + Tap) | Shaft Bore Specs. P (Round Bore + Tap) | Shaft Bore Specs. N (New JIS Key + Tap)

RoHS

Set Screw (11B)
Number of Teeth 12-18 M3
20-48 M4

Offset between tooth tip and keyway is ±0.5mm.

■ **How to Select Applicable Chains** P.1578

Technical Information about Chain Drive Mechanism P.2305

Type	Part Number		Shaft Bore Specification	Shaft Bore Dia. (D)			Dp	Do	H	L	B	ℓ	Mass (g)	Unit Price									
	Nominal	Hub Type		Number of Teeth	S Specification	P Specifications (H7)								S Specification	P Specification								
						N Specifications (H7)																	
SSP	11	B	S	12	5	5	14.475	16.2	9.4	10.5	1.6	4	6	-	-								
				15	5	5	18.02	19.9	13				12	-	-								
				16	5	5	19.204	21.1	14				14	-	-								
				18	6	6	21.575	23.5	16				18	-	-								
				20	8	8	23.949	25.9	19				23	-	-								
				24	8	8	28.703	30.7	26				26	-	-								
				28	8	8	33.462	35.5	29				29	-	-								
				30	8	8	35.842	37.9	30				30	-	-								
				34	8	8	40.604	42.7	38				38	-	-								
				36	8	8	42.986	45.1	41				41	-	-								
				40	8	8	47.751	49.8	47				47	-	-								
				48	8	8	57.283	59.4	61				61	-	-								
				SP	15	B	S	11	5				5	16.9	19	11	12	2	6	9	-	-	
								12	5				5	18.4	20.5	12				10	10	-	-
								13	5				5	19.9	22	14				14	14	-	-
								14	8				8	21.4	23.5	15				17	17	-	-
15	8	8	22.91					25	17	22	22	-	-										
16	10	10	24.41					26.5	18	23	23	-	-										
17	10	10	25.92					28	20	32	32	-	-										
18	10	10	27.43					29.5	22	40	40	-	-										
20	10	10	30.44					32.5	24	49	49	-	-										
24	10	10	36.49					39	30	88	88	-	-										
26	12	12	39.51					42	33	104	104	-	-										
28	12	12	42.54					45	37	131	131	-	-										
30	12	12	45.56					48	39	147	147	-	-										
33	12	12	50.1					52.5	40	178	178	-	-										
35	12	12	53.13					55.5	40	182	182	-	-										

⚠ Shaft bore tolerance of S/P5 to S/P6 is H8.

Shaft Bore Machining Dimension Table (15B)

Shaft Bore Dia. D	Keyway bxtzt	Set Screw M
5, 6	-	3
8	-	4
10	3x1.4	4
12	4x1.8	5
15	5x2.3	6
16	5x2.3	6

Ordering Example
Part Number - Shaft Bore Specs. - Shaft Bore Dia.
SSP11B15 - P - 6
SP15B20 - S - 10