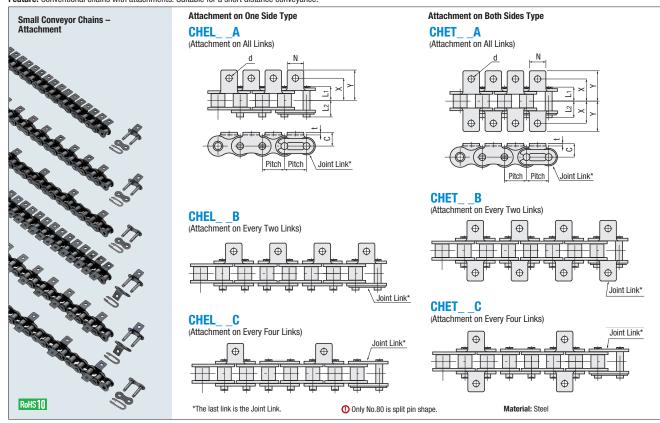
Small Conveyor Chains / Joint Links

With Attachments

Sprockets / Chains

Feature: Conventional chains with attachments. Suitable for a short distance convevance.



See P.1514-1518 for Sprockets and P.1525-1528 for Idlers.

Part Number			*No. of Links	Pitch	Pins		Plate	Attachment					Max. Allowable Tension	
Туре	No.	Nominal	"NO. OI LIIIKS	PILCII	L ₁	L ₂	t	C	Х	Υ	N	d	kN (kgf)	
One Side Tune	40	A (All Links) B (Every Two Links) C (Every Four Links)	4+	12.7	8.07	9.48	1.5	8.5	12.7	17.4	9.5	3.6	2.75 (280)	
One Side Type CHEL	50		4+	15.875	10.17	11.63	2	10.5	15.9	22.3	12.7	5.2	4.41 (450)	
Both Sides Type	60		4+	19.05	12.7	14.2	2.4	12.2	19.05	27.2	15.9	5.2	6.28 (640)	
CHET	80		4+	25.4	16.15	19.25	3.2	15.88	25.4	35.2	19.1	6.8	10.69 (1090)	

*Use 2's multiples for "attachment on every link" and "attachment on every 2 links". Use 4's multiples for "attachment on every 4 links"

Number of Links per Unit

Part N	umber	Number of Links per Unit						
Туре	No.	Number of Links per offic						
	40	240 (Circumference Length 3,048mm)						
CHEL	50	192 (Circumference Length 3,048mm)						
CHET	60	160 (Circumference Length 3,048mm)						
	80	120 (Circumference Length 3,048mm)						

① A roller chain longer than the unit length (unit number of links) is divided into separate packages per unit. Ex.) For CHEL50A-300, it contains two separate packages of 192 Links (Joint Links Included) +108 Links (Joint Links Included)



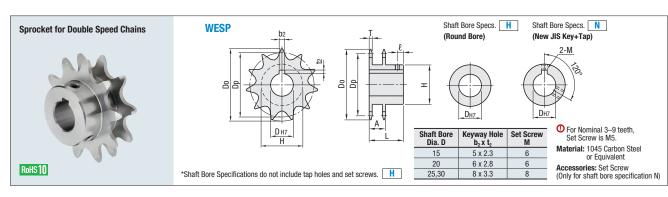
Part Number										
Туре	No.									
JNT-L	40									
(One Side Type)	50									
JNT-T	60									
Both Sides Type)	80									

Part Numb	er	L.	Part Number	Part Number	
Туре	No.		Example	JNT-L40	
JNT-L	40				
Side Type)	50				
JNT-T	60				
Sides Tyne)	00				

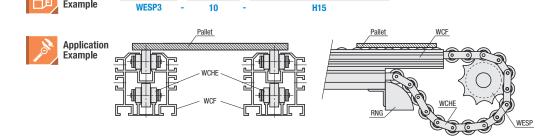
Part Number

Number of Links

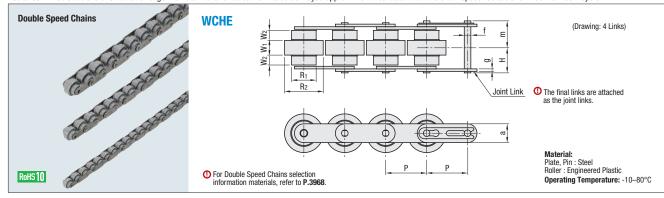
Sprocket for Double Speed Chains / Double Speed Chains



Part N	lumber	No. of	Shaft	Bore Dia.	D.	Do	-			0	А
Туре	Nominal	Teeth	H Specification D _{H7}	N Specification D _{H7}	Dp	DO	•	п	L	·	
	0	9	15 20	15 20	55.70	63	3	33	22	4	15.3
Sprocket	3	10	15 20	15 20	61.65	68	3	37	25	5	15.3
WESP	4	10	20 25	20 25	82.20	93	4	52	40	8	21.5
	5	10	25 30	25 30	102.75	117	5	66	45	9	27.0



Features: Mixed structure of Small and Large Diameter Roller enables work to be conveyed approx. 2.5 times faster than the chain speed. Suitable for Free Flow Conveyors.



kgf=Nx0.101972

Part Number		Number of Links	Pitch	Pitch Roller				Pla	ate	Pin			Max. Allowable	Speed	Unit Name of Links	
Туре	Nominal	(Specify Even Number)	P	R ₁	R ₂	W ₁	W ₂	а	g	f	h	m	Tension (kN)	Multiplier	Unit Number of Links	
Chain	3	4-550	19.05	11.91	18.3	7.0	4.1	8.8	1.2	3.28	11.2	12.95	0.55	2.54	160 (Circumference Length 3,048 mm)	
WCHE	4	4-410	25.40	15.88	24.6	9.0	6.0	11.7	1.5	3.97	15.2	16.75	0.88	2.55	120 (Circumference Length 3,048 mm)	
WORE	5	4-350	31.75	19.05	30.0	11.4	7.0	14.6	2.0	5.08	19.45	20.90	1.37	2.57	96 (Circumference Length 3,048 mm)	



Part Number

Part Number

Principle of the Double Speed Chain



When a chain runs at v speed, circumferential velocity of the small diameter roller is v. At this time circumferential velocity of the large diameter roller becomes (R/r)•v due to ratio of radius. Therefore, Pallet speed V becomes a value that chain speed V and (R/r)•v are combined.

V=(R/r) • v+v $=(R/r+1) \cdot v$

for ratio of radius of the large diameter roller and the small diameter roller is approximately 1.5:1. V=(1.5+1) • v

A roller chain longer than the unit length (unit number of links) is divided into separate packages per unit. Ex. 1) WCHE3-280, 2 separate packages: 160 links + 120 links

Ex. 2) WCHE5-260, 3 separate packages: 96 links x 2 + 68 links

There's more on the web: misumiusa.com