

Standard Roller Chains / Joint Links / Offset Links

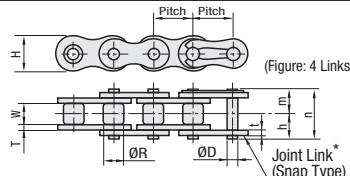
Standard Sprockets

11B, 15B Series

Standard Roller Chains



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



* The last link is the Joint Link.
* No.11~60 Joint Links are the Snap Type and No. 80 Joint Links are the Cotter Pin Type.

Number of Links Configurable

Part Number		Pitch	h	m	n	T	t	ØD	ØR	H	W	Max. Allowable Tension (kN)	Unit Price		Cutting Charge (+ Unit Price)
TYPE	No												Less than one unit link	One Unit Link or More	
CHE	15	4.763	2.85	3.90	6.75	0.57	0.57	1.62	2.48	4.4	2.38	0.39			
	25	6.35	3.80	4.80	8.60	0.75	0.75	2.31	3.30	5.8	3.18	0.64			
	35	9.525	5.70	7.10	12.80	1.25	1.25	3.59	5.08	8.8	4.78	2.16			
	40	12.7	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			
CHEM	40	19.05	12.65	14.15	26.80	2.40	2.40	5.96	11.91	17.5	12.70	8.83			
	60	25.4	16.07	19.18	35.25	3.20	3.20	7.94	15.88	23.0	15.88	14.71			
	40	12.7	8.65	10.20	18.85	2.00	1.50	3.96	7.92	12.0	7.90	3.82			
	50	15.875	10.60	12.70	23.30	2.40	2.00	5.08	10.16	15.0	9.50	6.17			
	60	19.05	13.55	15.50	29.05	3.20	2.40	5.95	11.91	18.0	12.70	9.31			
CHES	11	3.747	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	0.64			
	35	9.525	5.70	7.10	12.80	1.25	1.25	3.59	5.08	8.8	4.78	2.16			
	40	12.7	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			

Number of Links Fixed (per Unit)

Part Number		Number of Links per Unit	Unit Price		
TYPE	No		CHE	CHEM	CHES
CHE CHEM CHES	11	134 (Circumference Length 502mm)	-	-	-
	15	210 (Circumference Length 1000mm)	-	-	-
	25	480 (Circumference Length 3048mm)	-	-	-
	35	320 (Circumference Length 3048mm)	-	-	-
	40	240 (Circumference Length 3048mm)	-	-	-
	50	192 (Circumference Length 3048mm)	-	-	-
	60	160 (Circumference Length 3048mm)	-	-	-
	80	120 (Circumference Length 3048mm)	-	-	-

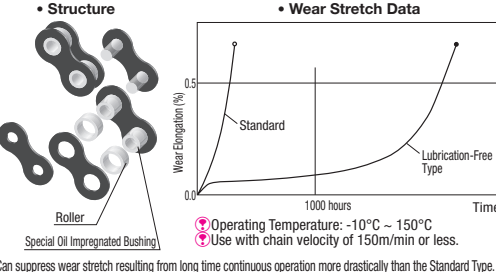
① Specify links by even numbers. The last link is the Joint Link.
② When the ordered number of links exceeds the given number of links per unit, the qty. of links per unit and the extra qty. of links are packaged separately.
Ex.) For CHE40-600, 3 separate packages: 240 links x 2 units +120 links
③ CHEM (Lubrication-free Chain) differs from CHE (Steel Chain) in dimensions and may require additional joint links. In such a case, specify JMTC or JMOC.

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



Features of Lubrication-Free Chains

Lubrication-free chains are provided with the self-lubrication property and thus, are maintenance-free. Use them where lubrication should be avoided or oiling maintenance is hard to do.



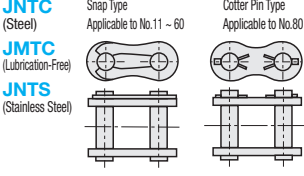
Joint Link



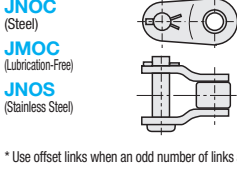
Offset Link



Joint Link



Offset Link



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

Part Number		Unit Price					
Type	No.	Joint Link			Offset Link		
		JNTC	JMTC	JNTS	JNOC	JMOC	JNOS
10 ~ 50 Links							
(Joint Link)	11	-	-		-	-	-
JNTC	15			-	-	-	-
JMTC	25		-		-	-	-
JNTS	35		-			-	
(Offset Link)	40						
JNOC	50						
JMOC	60						
JNOS	80		-			-	

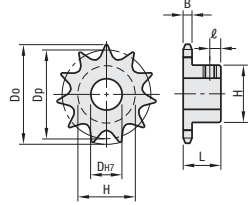
When ordering 1~ 9 link(s), "Unit Price + Low Quantity Surcharge (Line Item)" is applied.

Features: The Pilot Hole Type allowing taps or keyways to be machined freely is added to the product lineup.

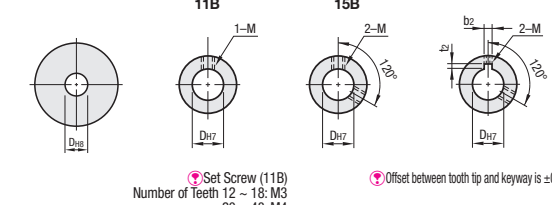


Type	Material
SSP11B	EN 1.4305 Equiv.
SP15B	EN 1.1181 Equiv.

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



Shaft Bore Specs. [S] (Pilot Bore) Shaft Bore Specs. [P] (Round Bore + Tap) 11B Shaft Bore Specs. [P] (Round Bore + Tap) 15B Shaft Bore Specs. [N] (New JIS Key + Tap)



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

Offset between tooth tip and keyway is ±0.5mm.

Part Number		Shaft Bore Specs.	Shaft Bore Specs.			Dp	Do	H	L	B	ℓ	Mass (g)	Unit Price	
Type	Number of Teeth		S Specification (Dia)	P Specification (Dh7)	N Specification (Dh7)								S Specification	P, N Specification
SSP11B	12	S	5	5		14.475	16.2	9.4				6		
	15		5	5 6		18.02	19.9	13				12		
	16		5	5 6 8		19.204	21.1	14				14		
	18		6	6 8		21.575	23.5	16				18		
	20		8	8 10		23.949	25.9					23		
	24	P	8	8 10		28.703	30.7					26		
	28		8	8 10		33.462	35.5					29		
	30		8	8 10		35.842	37.9					30		
	34		8	8 10		40.604	42.7					38		
	36		8	8 10		42.986	45.1					41		
	40		8	8 10		47.751	49.8					47		
	48		8	8 10		57.283	59.4					61		
SP15B	11	S	5	5		16.9	19	11				9		
	12		5	5 6		18.4	20.5	12	10			10		
	13		5	5 6 8		19.9	22	14				14		
	14		8	8		21.4	23.5	15				17		
	15		8	8		22.91	25	17	12			22		
	16	P	10	10		24.41	26.5	18				23		
	17		10	10		25.92	28	20				32		
	18		10	10		27.43	29.5	22	14			40		
	20		10	10		30.44	32.5	24				49		
	24		10	10	10 12 15	36.49	39	30				88		
	26	S	12	12		39.51	42	33	16			104		
	28		12	12		42.54	45	37				131		
	30		12	12		45.56	48	39				147		
	33		12	12		50.1	52.5	40				178		
	35		12	12	12 15 16	53.13	55.5	40	18			182		

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

Shaft Bore Machining Dimension Table (15B)		
Shaft Bore Dia. D	Keyway b x t x z	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	-	Bore Specification	-	Shaft Bore Dia.
	SSP11B15	-	P	-	6
	SP15B20	-	S	-	10