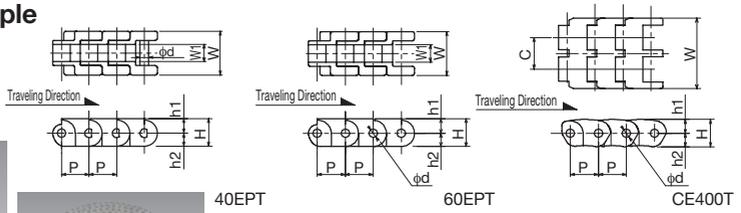


Plastic Chain & Sprocket

Order No. Example

CE400T

Chain No.



40EPT

60EPT

CE400T

Chain used in shipping of lightweight, small goods that makes use of the characteristics of plastics, self-lubrication, and quietness.

Item Name	 Material	 Surface Treatment	Operating Temperature
Chain	Polyacetal Resin	-	-5°C
Pin	CE400T	Common Steel	UniChrome Plating (trivalent)
	40/60EPT	SUS304	-

Chain No.	Pitch P	C	W	W1	H	h1	h2	d	Ap-prox. Weight kg/m	Unit		¥
										Link Quantity	m	Unit
CE 400T	12.7	14.4	32	-	12.7	6.4	6.3	4	0.55	240	3	
40 EPT	12.7	-	20	7.95	12.7	6.7	6	4	0.32	240	3	
60 EPT	19.05	-	30	12.7	17.3	8.8	8.5	6	0.72	160	3	

Dedicated Sprocket

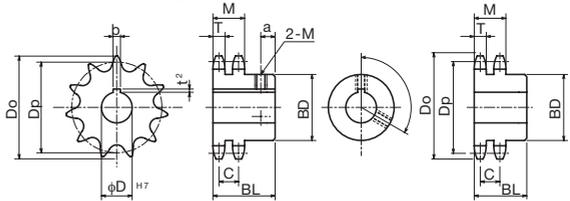
Order No. Example

CE400B 16 D20

Type No. of Teeth Shaft Hole Dimensions
Sprocket No.



* Because dimensional cutting is not available for chains, they are purchased as units.



(Shaft Hole Complete Product B-Type)

(Prepared Hole Product B-Type)

- Chain in Use No. CE400
- Chain Pitch (P) 12.7 mm
- Roller Link Inner Width ... (W) 7.95mm
- Roller Outside Diameter ... (Dr) 7.95mm
- Tooth Width (T) 7.0 mm (M) 21.4mm (C) 14.4mm

 Carbon Structural Steel
 UniChrome Plating

Outer Diameter Do	Pitch Diameter Dp	Boss		a	Weight kg	Sprocket No.		Shaft Hole Diameter d			¥		
		BD	BL			Type	No. of Teeth	φD ^{H7} Shaft Hole Complete Product	Prepared Hole Product	Minimum	Maximum	Shaft Hole Complete Product	Prepared Hole Product
68	65.10	50	35	6	0.6	CE400B	16	20 25 30	16	18	30		

Shaft Hole Machined Specification

φD ^{H7}	Keyway bxt2	Set Screw M
18 - 22	6 x 2.8	6
24 - 30	8 x 3.3	8



Chain No. and Quantity
Sprocket No. Shaft Hole Dimensions and Quantity



Same-day shipping
Postage

Sprockets for Block Chains / Corner Discs

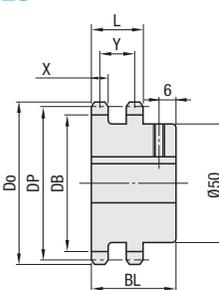
■ **Features:** Sprockets for 2-row Block Chains and Side Flexing Chains. Can be used for return transfer.

■ **Sprockets for Block Chains**

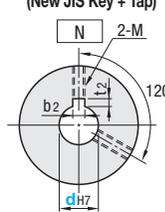


RoHS

CHEES



Shaft Bore Specifications
(New JIS Key + Tap)



⚠ Offset between tooth tip and keyway is ±0.5mm.

Shaft Bore Dia. D	Keyway b x t z	Set Screw M
20	6x2.8	6
25	8x3.3	8
30	8x3.3	8

Type	Material	Surface Treatment
CHEES	S45C	Bright Chromate Plating
CHESS	SUS304	-
CHEER	S45C	Bright Chromate Plating
CHEERS	SUS304	-

⚠ Set Screw

Part Number Type	dh7	Number of Teeth	Do	Dp	Root Dia. DB	L	BL	X	Y	Reference Mass(kg)	Applicable Chain	Unit Price	
												Steel	Stainless Steel
Steel CHEES	20	16	68	65.1	57.15	21.4	35	7	14.4	0.6	CHER □ 40W CHEA □ 40W CHEF □ 40W (P.1579~1580) CHEE □ 40W (P.1584)		
	25												
	30												
Stainless Steel CHESS	20	16	95	85.61	73.7	37	57.3	7	30	1.3	CHEC □ 60 CHECA60 CHEAC □ 60 CHEFR □ 60 (P.1581~1582)		
	25												
	30												

Ordering Example **Part Number**
CHEES20

■ **Features:** Use at the corner of Side Flexing Chains.

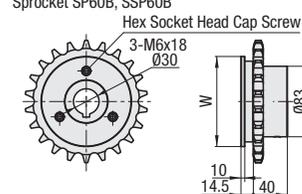
■ **Corner Discs**



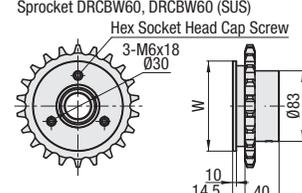
RoHS

CDTR

Sprocket SP60B, SSP60B
Hex Socket Head Cap Screw
3-M6x18
Ø30



Sprocket DRCBW60, DRCBW60 (SUS)
Hex Socket Head Cap Screw
3-M6x18
Ø30



⚠ Use in combination with Side Flexing Chains (P. 1581, 1582)

Type	Material
CDTR	Polyacetal

Sprocket Set	Sprockets		Hex Socket Head Cap Screw	
	Material	Surface Treatment	Material	Surface Treatment
SET1	S45C Equivalent (Induction Hardened Teeth Tip)	-	SCM435	Trivalent Chromate
SET3	SUS304 Equivalent	Black Oxide	SUS304 Equivalent	-

Part Number Type	R	Sprocket Type	Corner Disc W	Sprocket		Unit Price
				Part No.	Catalog Page No.	
CDTR	67	SET1	106.1	SP60B22-N-30	P.1596	
		SET2		SSP60B22-N-30	P.1600	
		SET3		DRCBW60-22	P.1603	
		SET4		DRCBW60-30 (SUS)		
	91	SET1	154.7	SP60B30-N-35	P.1596	
		SET2		SSP60B30-N-35	P.1600	
		SET3		DRCBW60-30	P.1603	
		SET4		DRCBW60-30 (SUS)		

Ordering Example **Part Number** - **R** - **Sprocket Type**
CDTR - 67 - SET1

Table Top Conveyor Chains, Sprockets, Idlers

■ **Features:** Use for transfer of containers and packaged workpieces. Available for long distance conveyance.

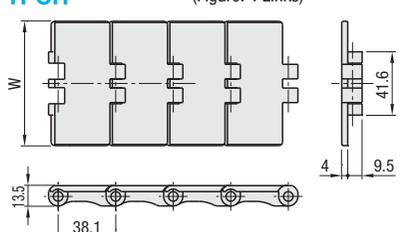
■ **Table Top Conveyor Chains**



RoHS

TPCH

(Figure: 4 Links)



⚠ Pins for connection (SUS430 equivalent) are attached.

Part Number	Specification	Material	Color	Sliding Friction Coefficient f1	Operating Temp. (°C)	Allowable Tension (kN)
TPCH	General Use	POM	Brown	0.14~0.18	-5~65	1.65
TPCHS	Extra Low Friction	POM + Lubricant	Cream	0.12~0.15	-5~65	1.57
TPCHC	Conductivity Heat Resistant	POM + Glass Fiber	Black	0.20~0.24	-20~120	1.50
TPCHY	Chemical Resistant	Fluororesin	Translucent	0.18~0.22	-20~80	1.57

⚠ The chain can be made longer than 360 links by connecting them with a pin included.
 ⚠ Sprockets and Idlers are common for either types of Chains.
 ⚠ For Top Chains selection information materials and Frictional Coefficient Table, refer to P.2319.
 ⚠ 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 TPCH826-240, 2 separate packages: 160 links x 1 unit + 80 links

Part Number Type	Nominal	Number of Links Configurable	W	Mass (kg/m)	1 Unit Number of Links (Circumference Length 6,096mm)	Unit Price (Unit : 1 Link)			
						TPCH	TPCHS	TPCHC	TPCHY
TPCH TPCHS TPCHC TPCHY	826	20~360	82.6	0.85					
	1143		114.3	1.03					

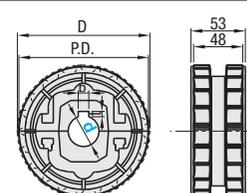
Ordering Example **Part Number** - **Number of Links**
TPCH826 - 300

■ **Table Top Conveyor Chain Sprocket**



RoHS

TPSP



• Shaft Bore Specifications for Sprockets

Shaft Bore Nominal	d	b	t	Recommended Shaft
25	24.9	8	3.4	Ø25h9
30	29.9	8	3.4	Ø30h9
40	39.9	12	3.4	Ø40h9

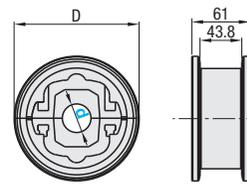
Material: Glass Reinforced Nylon

■ **Table Top Chain Idler**



RoHS

TPDR



• Shaft Bore Specifications for Idlers

Shaft Bore Nominal	d	Recommended Shaft
25	25.3	Ø25h9
30	30.3	Ø30h9
40	40.3	Ø40h9

Material: Glass Reinforced Nylon

Ordering Example **Sprocket** **Part Number** - **Shaft Bore Dia.**
TPSP21 - 25
Idler **Part Number** - **Shaft Bore Dia.**
TPDR23 - 30

