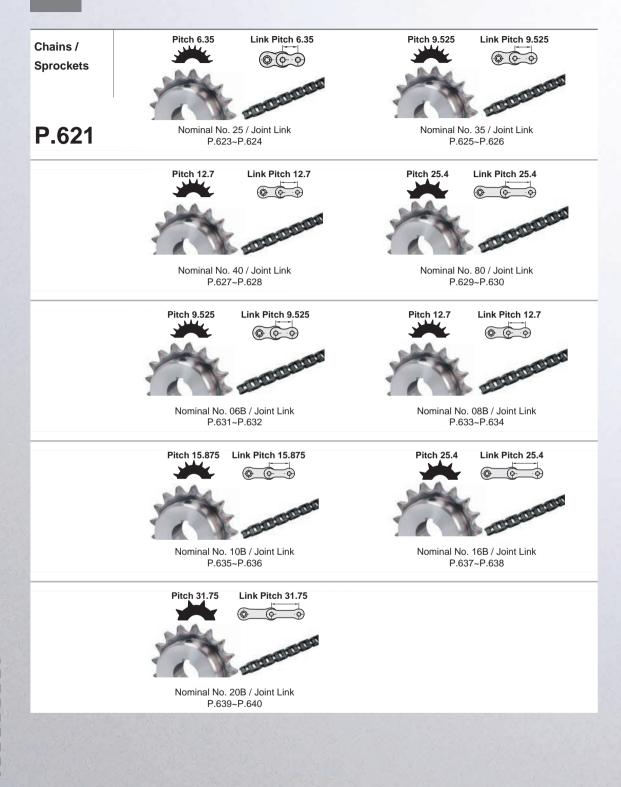
## **Sprockets / Chains**



#### Chains With Attachments

Japanese Standard Type 40 / 50 / 60



**P.641** 

Japanese Standard Type / Joint Link P.641 European Standard Type 06B / 08B / 10B



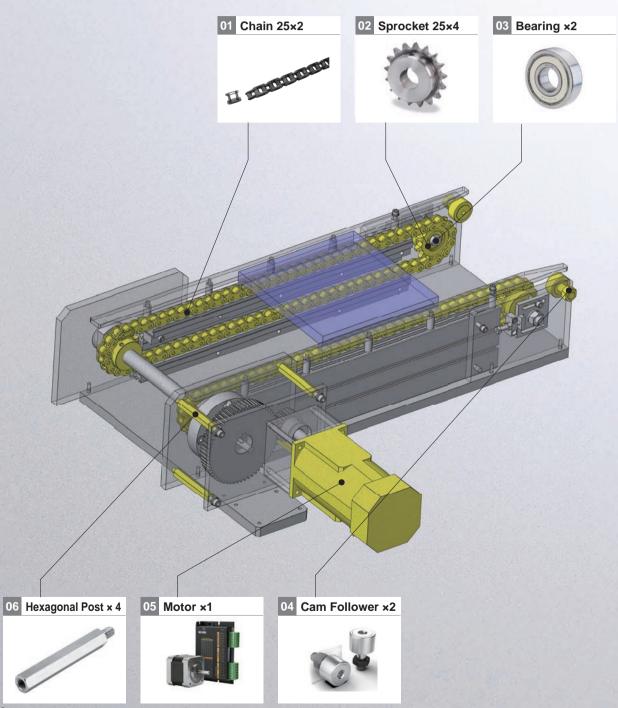
European Standard Type / Joint Link P.642

# **Chain Conveyors**

Application Industries: Automotive part Electronic & Electrical

This figure is a case of a chain conveying device using a combination of flat profiles and chain drives to achieve high versatility.

The classic chain drive unit is widely used in all types of conveyor & conveyor line equipment and can cope with harsh environmental conditions.





# **Reference price**

01 Chain	1 25×2	P.624	02 Sprock	et 25×4	P.623
II month		xed number of links ımber of Links 240 CHE25-240	Č.	Number o Shaft Dia. C-SPA25	9mm
		174			162
Quantity	l la it a de s	THB/pcs Total price	Quantitu		THB/pcs
Quantity 1	Unit price 174	174	Quantity U	nit price <b>162</b>	Total price 324
10	1/4	1,480	<u> </u>	138	1,380
10	140	1,400		130	1,300
03 Beari	ng ×2	P.650	04 Cam Fo	ollower ×	2 P.729
	O. Wi	0. 8mm D. 16mm idth 5mm E688ZZ		Hexagon So	g Shape Arc Type icket Mounting Type D. D 32mm -32
		35	~		317
Quantity	Unit price	THB/pcs Total price	Quantity U	nit price	THB/pcs Total price
1	35	35	1	317	317
30	29	870	4	269	1,076
	23			203	1,070
		a transfer to a			
05 Motor	r ×1	P.494	06 Hexagor	nal Post ×	4 <b>P.940</b>
	Bod Nun Hole	e Motor + Driver 20 Series ly Length 33mm nber of Leads 4 ding Torque 0.018N-m 0STM01+DR42A		Opposite Length 50 C-PLSBW	
		2,086			45
Quantit	11.10	THB/pcs			THB/pcs
Quantity	Unit price	Total price		nit price	Total price
1	2,086	2,086	1	45	45
4	1,773	7,092	30	38	1,140

\* All products prices are without tax. The prices on the official website shall prevail.

## **Product Overview**



#### Customer Voice

**Economy Series** 

Sprockets Chains



Customer

We purchased a set of 3/8" sprockets from company A and a set of 3/8" chains from company B, but the engineer said they could not be installed due to mismatch. Later it was found that the chain pins were too short and the width was less than 5.7, so the sprocket teeth failed to snap in. We had to go back to the market to find matchable products, and it took 3 days, which was very time-consuming and labor intensive.

Customer Service

At MISUMI, you can purchase complete sets of 06B sprockets/ chains, eliminating the mismatch problem, and you can use them directly upon arrival.



# MISUMI Economy series sprockets / chains with 9 categories of European standard type and Japanese standard type are available to meet your design needs

European standard type (5 series)

	Nominal Model	06B	08B	10B	16B	20B	
Sprocket	Number of Teeth	10~30	10~30	10~25	11~25	9~20	
Chain	Number of links	4 and more links are customizable					

#### Japanese standard type (4 series)

	Nominal Model	25	35	40	80		
Sprocket	Number of Teeth	16~40	9~40	9~40	9~21		
Chain	Number of links	4 and more links are customizable					

MISUMI Economy series sprockets and chains with the same nominal number can be used in combination.

# Difference in performance & specifications between Economy series and generic products on the market

	MISUMI standard product	MISUMI Economy series	Generic products on the market *
Sprocket Hardness	HRC45	HRC40	HRC20
Life Conversion of Sprocket	Over 3 years	Over 2 years	Over 1 years
Chain Roller Hardness	HRA75	HRA68	HRA42
Chain Tensile Strength (GB Reference 8.9KN)	12.5KN	9.3KN	7.4KN
Specification Model	Only Japanese standard type 25~100	Japanese Standard 25~80 European Standard06B~20B	Only European standard type 06B~08B

\* Economy series product is different in strength compared to the standard product, and at the same time the price drops significantly

\* Products circulating on the market are similar products randomly purchased by our company from online or offline markets

\* The test data are obtained through testing by our company, which are for reference only

### Sprocket Strength Comparison





\* Generic products on the market, which make customers confused on usage

### Sprocket and chain fit comparison (Fit tolerance 0.03 to 0.08 means smooth fit)



\* Cases of poor quality of products circulating on the market



**Sprockets Nominal No.25** economy

#### Representative model: C-SPA25B17-S-9

Discount

.8

πΙπ



Link Pitch 6.35

L CAD

Shipping days may differ by Quantity. Quantity of volume discount above is for representative Part No. It may differ by the Part.

Shaft Hole Specifications S

15%

**Unit Price** 

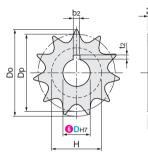
#### Shaft Hole Machining Size Table

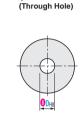
Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M				
10	3×1.4	4				
10K-12	4×1.8	5				
15	5x23	6				

This series is ISO Standard 04C sprocket

Process issue: There is no guarantee that the tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway ±0.5mm \* For keyway size, refer to GB/T 1095







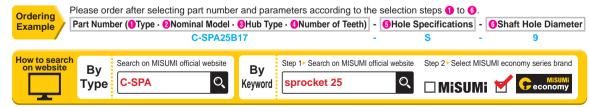
Shaft Hole Specifications

30%

Material: S45C Equivalent Attachments: Set Screw (Only Shaft Hole Specifications N)

Part Number		5	6Shaft Hole	6 Shaft Hole Diameter (D)		)										
<b>1</b> Туре	Nominal Model	Hub Type	Output States of A states of Teeth (T)	Hole Specifications	Specifications (H8)	N Specifications (H7)		Dp	Do	н	L	l				
			16			10K	12		32.55	36						
			17	17 18 19 20 21 22 25	9 - S	10	12		34.56	38	25					
			18				12		36.57	40			6			
			19				12		38.58	42						
C-SPA	25		20				40.59	44	28	15	0					
C-SPA	23	В	21						42.61	46						
			22		-				15	44.62	48	30				
			25									12	15	50.66	54	35
			32		10				64.78	68	40	20	8			
			35		10				70.84	74	40	20	8			

Please visit MISUMI website for details of the models available for sale.



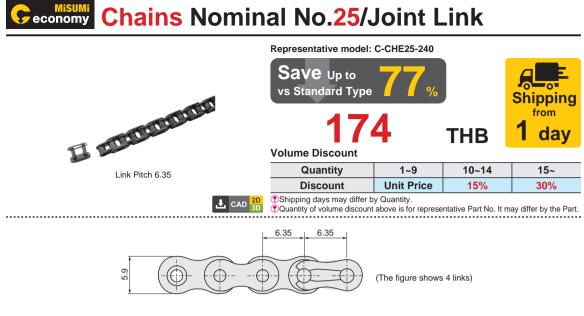


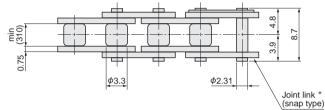
**MISUMI** contact

Tel: 038-959200 or 1382 Email: cs@misumi.co.th









Material: Steel

\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

#### Sprocket and Chain Selection

This series is ISO Standard 04C (ANSI25) roller chain, which can be used in combination with our 25B series sprocket. Do not use in combination with 04B series sprocket, which may cause the chain sprocket mechanism to fail to function properly! Please choose joint links nominal No. 25.

1 Type	2Numbe	Allowable Maximum Tension	
Type	Specified Type	Fixed Type	(kN)
C-CHE25	4~9998 (2-link increments)	240 links (circumference length 1,524mm)	0.64
Chains with specified number of li	inks are not available for sale for the time be	eing.	
Ordering Example Please order at Part Number C-CHE		-	steps 1 to 2.

How to search on website By	Search on MISUMI official website	By Step 1> Search on MISUMI official website Step 2> Select MISUMI economy series brand
Туре	C-CHE25 Q	Keyword chain 25



Sprockets / Chains Sprockets / A Chains With Chains A Attachments

6

economy Sprockets Nominal No.35

#### Representative model: C-SPA35B9-S-8

4.4



CAD 2D Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

Shaft Hole

Specifications S

#### Shaft Hole Machining Size Table

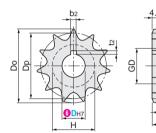
Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M
10	3×1.4	4
10K-12	4×1.8	5
14~17	5×2.3	6
18~22	6×2.8	6
24~30	8×3.3	8

Link Pitch 9.525

This series is ISO Standard 06C sprocket, which cannot be used in combination with 06B chain.

Process issue: There is no guarantee that the tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway ±0.5mm \*For keyway size, refer to GB/T 1095







Shaft Hole

Specifications N

Material: S45C Equivalent (Teeth Tip: Induction hardening) Attachments: Set Screw (Only Shaft Hole Specifications N)

Part Number 5		6	6 Shaft Hole Diameter (D)															
<b>1</b> Туре	2 Nominal Model	<b></b> 3 Hub Type	4 Number of Teeth (T)	Hole Specifications	S Specifications (H8)	N Specifications (H7)	Dp	Do	н	GD	L	l						
			9			10	27.85	32	21.5	17								
			10		8	10 12	30.82	34	24.5	20								
			11			12	33.81	38	27	23								
			12			10 12 14 15 16 17	36.8	41	30.5	26								
			13		S N 12 15 17 10 12 14 15 17 10 12 14 15 16 17 18 1 10 12 14 15 16 17 18 1 12 15 18 15 15 15 15 15 15 15 15 15 15 15 15 15	12 15	39.8	44	32	2 29								
			14			12 14 15 17	42.81	47	32									
			15									10 12 14 15 16 17 18 19 20	45.81	51	35		20	6
C-SPA	35	В	16			12 15 18 20	48.82	54	37									
			17			15 20	51.84	57	41									
			18				15	54.85	60	44								
			20			12 15 16 20 25	60.89	66	50	-								
			21		11	28	63.91	69	53									
			22			12	66.93	72	56									
			24			15	72.97	78	53		22	8						
			32			15	97.18	102	55		22	0						

If 10K is selected, the shaft hole diameter is  $\phi$ 10 and the keyway width is 4mm (height 1.8mm).

Please visit MISUMI website for details of the models available for sale.

038-959200 or 1382

Email: cs@misumi.co.th



CIN

R



Tel:

#### **Chains Nominal No.35/Joint Link** economy

🛃 CAD



Representative model: C-CHE35-160



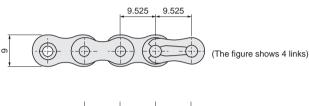
6~

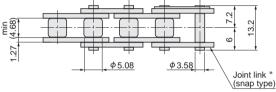
Material: Steel

Quantity 4~5 1~3 Discount **Unit Price** 15% 30%

Shipping days may differ by Quantity.

Ouantity of volume discount above is for representative Part No. It may differ by the Part.





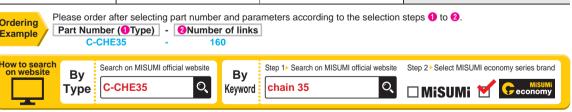
\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

#### Sprocket and Chain Selection

This series is ISO Standard 06C (ANSI 35) roller chain, and can be used in combination with our 35B series sprocket. Do not use in combination with 06B series sprocket, which may cause the chain sprocket mechanism to fail to function properly! Please choose joint links nominal No. 35.

<b>O</b> Tuno	2Numbe	Allowable Maximum Tension							
1 Туре	Specified Type	Fixed Type	(kN)						
C-CHE35	4~9998 (2-link increments)	160 links (circumference length 1,524mm)	2.16						
Example Part Number	Dert Number (CTune) ONumber of links								
on website By	ch on MISUMI official website CHE35 Q Keyword	Step 1> Search on MISUMI official website	Step 2 - Select MISUMI economy series brand						





Sprockets / Chains Sprockets / Chains P.621 Chains With Attachments

6

**Sprockets Nominal No.40** economy

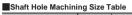
#### Representative model: C-SPA40B9-S-9



Shipping days may differ by Quantity. L CAD

Quantity of volume discount above is for representative Part No. It may differ by the Part. Shaft Hole

Specifications S



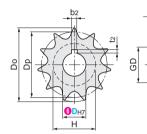
Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M
10.12	4×1.8	5
14~17	5×2.3	6
18~22	6×2.8	6
24~30	8433	8

Link Pitch 12.7

This series is ISO Standard 08A sprocket, which cannot be used in combination with 08B chain. Process issue: There is no guarantee that the

tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway +0.5mm \* For keyway size, refer to GB/T 1095





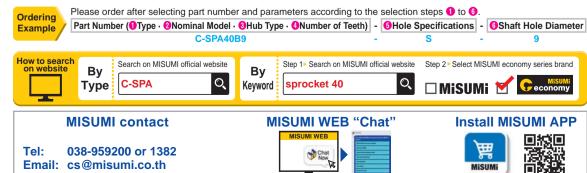
5.2\*



Shaft Hole

S45C Equivalent (Teeth Tip: Induction hardening) Material: Attachments: Set Screw (Only Shaft Hole Specifications N)

	Part Nur	nber		6	<mark>6</mark> S	haft Ho	le Di	amete	r (D)								
1 Туре	2 Nominal Model	<mark></mark> Hub Type	4 Number of Teeth (T)	Hole Specifications	S Specifications (H8)	N	Spec	ificati	ons	(H7	)	Dp	Do	н	GD	L	l
			9		9	12						37.13	42	28	23		
			10		9	12 15	17	,				41.1	46	32	27		_
			11		40	12 15		18 20	)			45.08	51	36	31		5
		1; 1/ 1!	12		10	12 15		18 20	) 22			49.07	55	40	35		
			13			12 15 <sup>·</sup>	16	18 20	) 22			53.07	59	37		22	
			14			12 15		18 20	) 22	25		57.07	63	42			
			15			12 15	17	′ 18 20	) 22	25	28	61.08	67	46	D 4		
			16			15		20	)	25	28	65.1	71	50			6
C-SPA	40	В	17	S N		15		18		25	30	69.12	76	54			
			18					20	)	25		73.14	80	57			
			19					20	)	25		77.16	84	62	-		
			20			15		20	)	25	30	81.18	88	67			
			22							25		89.24	96	75			
		24		14			20	)			97.3	104			25	7	
			25							25		101.33	108	63		20	1
			26					20	)			105.36	112	03			
			30							25	30	121.5	128				





#### **Chains Nominal No.40/Joint Link** economy

🛃 CAD

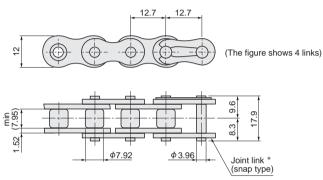


Representative model: C-CHE40-120



Quantity 4~5 1~3 6~ **Unit Price** Discount 15% 30% Shipping days may differ by Quantity.

Ouantity of volume discount above is for representative Part No. It may differ by the Part.



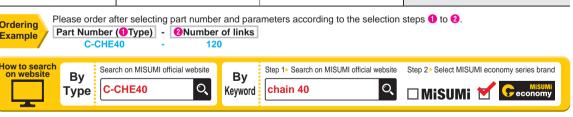
\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

#### Sprocket and Chain Selection

This series is ISO Standard 08A (ANSI 40) roller chain, and can be used in combination with our 40B series sprocket. Do not use in combination with 08B series sprocket, which may cause the chain sprocket mechanism to fail to function properly! Please choose joint links nominal No. 40.

	2Numbe	er of links	Allowable Maximum Tension		
1 Туре	Specified Type	Fixed Type	(kN)		
C-CHE40	4~9998 (2-link increments)	120 links (circumference length 1,524mm)	3.63		
Ordering Example Please order at Part Number C-CHE		ameters according to the selection	steps 1 to 2.		
on website By	ch on MISUMI official website CHE40 Q Keyword	Step 1> Search on MISUMI official website	Step 2 · Select MISUMI economy series brand		



6



Material: Steel

economy Sprockets Nominal No.80

Link Pitch 25.4



Representative model: C-SPA80B12-S-15

14.6

B

CAD 2D (Shipp) 3D (Quant

30 (Quantity of volume discount above is for representative Part No. It may differ by the Part.

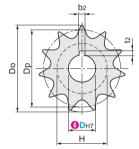
#### Shaft Hole Machining Size Table

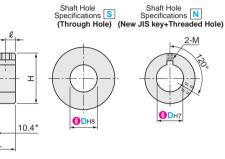
Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M
25~30	8×3.3	8
32~38	10×3.3	8
40-42	12×3.3	8
45 50	14	10

This series is ISO Standard 16A sprocket, which cannot be used in combination with 16B chain. Process issue: There is no guarantee that the

tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway ±0.5mm \* For keyway size, refer to GB/T 1095





 Material:
 S45C Equivalent (Teeth Tip: Induction hardening)

 Attachments:
 Set Screw (Only Shaft Hole Specifications N)

	Part Number			6 0 Shaft Hole Diameter (D)		e Diameter (D)								
<b>1</b> Туре	Nominal Model	Hub Type	Output States of Teeth (T)	Hole Specifications			Dp	Do	Н	L	l			
			12		15	40	98.14	110 67						
			14	Γ	16	25	114.15	127	77					
0.004			15	S N		50	122.17	135		40	10			
C-SPA	80	В	16		N	N	N	N	N		130.2	143		40
			17		20	50	138.23	151	93					
			20			35	162.37	176						
Please visi	t MISUMI website	e for details	of the models ava	ilable for sale.										
Ordering	Please ord	er after s	electing part n	umber and parame	eters according to th	e selection steps 1 to	6.							

Ordering Part Number (1) Type · @Nominal Model · @Hub Type · @Number of Teeth) - 6Hole Specifications - 6Shaft Hole Diameter Example C-SPA80B12 S 15 How to search on website Search on MISUMI official website Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand By By Q Q Type C-SPA Keyword sprocket 80 



Tel: 038-959200 or 1382 Email: cs@misumi.co.th

# MISUMI WEB "Chat"



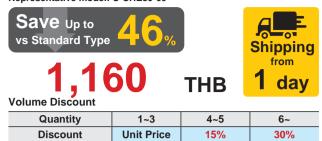
629



🛃 CAD

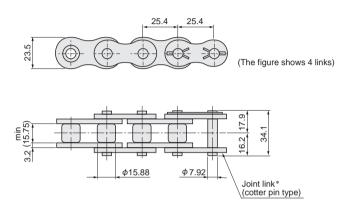


Representative model: C-CHE80-60



Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

#### Sprocket and Chain Selection

This series is ISO Standard 16A (ANSI 80) roller chain, and can be used in combination with our 80B series sprocket. Do not use in combination with 16B series sprocket, which may cause the chain sprocket mechanism to fail to function properly! Please choose joint links nominal No. 80.

	<b>2</b> Numbe	er of links	Allowable Maximum Tension
1 Туре	Specified Type	Fixed Type	(kN)
C-CHE80	4~9998 (2-link increments)	60 links (circumference length 1,524mm)	14.71
Ordering Example C-CHE		ũ	steps 1 to 2.
on website By	ch on MISUMI official website CHE80 Q Keyword	Step 1> Search on MISUMI official website	Step 2 - Select MISUMI economy series brand



Material: Steel

Sprockets Nominal No.06B economy

#### Representative model: C-SPB06B10-S-8

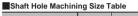


L CAD

Shipping days may differ by Quantity. Quantity of volume discount above is for representative Part No. It may differ by the Part.

Shaft Hole Specifications S

(Through Hole)



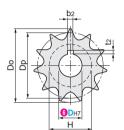
Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M
10	3×1.4	3
11.12	4×1.8	3
14~17	5×2.3	4
18~22	6×2.8	5
24~30	8×3.3	6

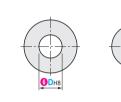
Link Pitch 9.525

Do not use in combination with 06A chain.

Process issue: There is no guarantee that the tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway +0.5mm \* For keyway size, refer to GB/T 1095







Shaft Hole Specifications N

(New JIS key+Threaded Hole)

2-M 5

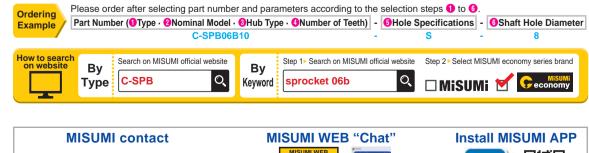
Material: S45C Equivalent (Teeth Tip: Induction hardening) Attachments: Set Screw (Only Shaft Hole Specifications N)

MiSUMi

	Part Nur	nber		6	(	Shaft Hole Diameter (D)					
• Туре	2 Nominal Model	<b></b> € Hub Type	4 Number of Teeth (T)	Hole Specifications	S Specifications (H8)	N Specifications (H7)	Dp	Do	н	L	l
			10			<u>10 11 12</u> 14	30.82	34.5	20 29	20	7
			11		8	12 15 16	33.8	37.5	26 30 31		
			12			10 12 14 15	36.8	40.5	26 29	25	8
			13	S		10 15 18	39.8	43.5	28 34	20	
C-SPB	06	В	14 15	N		10 12 14 15 16 12 15 17 20	42.8 45.81	46.5 49.5	31 34 42		
			16		10	22 14 16 20	48.82	52.5	37		-
			18 19				54.85 57.87	61.6	45		
			20 21			12 15 16 18 15 16 18		67.6	48	28	10
			22 23		12	15 25	66.93 69.95	73.7	52		
			25	models available		16 18 19 20	76	79.7	57		

038-959200 or 1382

Email: cs@misumi.co.th



CIN

1

6

631

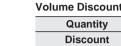
Tel:





Representative model: C-CHE06B-160

23



🛃 CAD

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

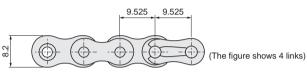
1~3

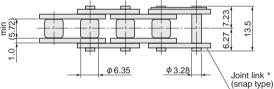
**Unit Price** 

THB

4~5

15%





\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

#### Sprocket and Chain Selection

This series is ISO Standard 06B roller chain, which can be used in combination with our 06B series sprocket. Do not use in combination with Japanese standard type or American standard type sprocket, which may cause the chain sprocket mechanism to fail to function properly!

Please choose joint links nominal No. 06B.

	2Numbe	ONUMBER OF LINKS					
•Туре	Specified Type	Fixed Type	(kN)				
C-CHE06B	C-CHE06B 4~9998 (2-link increments)		1.93				
Ordering Example Please order at Part Number C-CHE(		Ŭ	steps 1 to 2.				
on website By	ch on MISUMI official website CHE06B	Step 1> Search on MISUMI official website	Step 2 - Select MISUMI economy series brand				



-

Material: Steel

from

dav

6~

30%

6

Sprockets Nominal No.08B economy

#### Representative model: C-SPB08B10-S-10

Discount

Ħ



Link Pitch 12.7

L CAD

Shipping days may differ by Quantity. Quantity of volume discount above is for representative Part No. It may differ by the Part. Shaft Hole

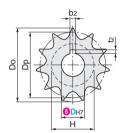
**Unit Price** 

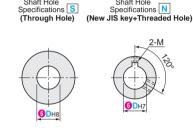
#### Shaft Hole Machining Size Table

Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M
10	3×1.4	3
12	4×1.8	3
14~17	5×2.3	4
18~22	6×2.8	5
24~30	8×3.3	6
35.38	10x33	8

Do not use in combination with 08A chain. Process issue: There is no guarantee that the tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway ±0.5mm \* For keyway size, refer to GB/T 1095





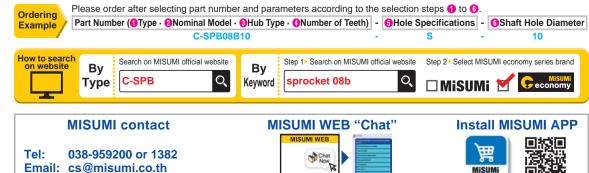
Shaft Hole

30%

Material: S45C Equivalent (Teeth Tip: Induction hardening) Attachments: Set Screw (Only Shaft Hole Specifications N)

15%

	Part Nur	nber		6		6Shaft Hole Diameter (D)												
<b>1</b> Туре	2 Nominal Model	<mark>3</mark> Hub Type	4 Number of Teeth (T)		Specifications (H8)	N Specifications (H7)	Dp	Do	н	L	l							
			10			12 14 15 16	41.1	45.9	26 31	25	8							
			12		10 1	12 15 24	49.07	53.9	33 42									
			13	S		10	10	12 16 18 19 20 24	53.06	57.9	37 42							
		08 B 14	14			12 14 15 19 24	57.07	61.9	41									
C-SPB	08		B 15 S			12 14 15 16 18 20 24 25 30	61.09	65.9	45 52									
			16	IN									16 30	65.1	69.9	50	28	10
			17						15 16 24 30	69.11	74	52						
			18		12	19 35	73.14	78	56									
			19		19 2	19 20 25 30	77.16	82	60									
			20			16 18 20 22 25 28 38	<b>38</b> 81.19 8	86	64									
			21			25 28 35	85.22		68									
			23 25		14	20 24 25 25 28	93.27 101.33		70									



6





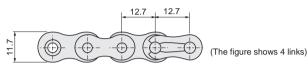
Representative model: C-CHE08B-120

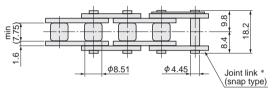


Quantity 4~5 1~3 Discount **Unit Price** 15%

Shipping days may differ by Quantity.

Ouantity of volume discount above is for representative Part No. It may differ by the Part.





🛃 CAD

\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

#### Sprocket and Chain Selection

This series is ISO Standard 08B roller chain, which can be used in combination with our 08B series sprocket. Do not use in combination with Japanese standard type or American standard type sprocket, which may cause the chain sprocket mechanism to fail to function properly! Please choose joint links nominal No. 08B.

	2Numbe	2 Number of links				
1 Туре	Specified Type	Fixed Type	(kN)			
C-CHE08B	4~9998 (2-link increments)	120 links (circumference length 1,524mm)	3.76			
Ordering Example Please order a Part Number C-CHE		° °	steps 🜒 to 🕗.			
on website By	ch on MISUMI official website CHE08B	Step 1> Search on MISUMI official website Chain 08b	Step 2 - Select MISUMI economy series brand			



Sprockets / Chains Sprockets / Chains P.621

6

Material: Steel

6~

30%

**Sprockets Nominal No.10B** economy

Link Pitch 15.875

#### Representative model: C-SPB10B10-S-10

Discount

9.1



L CAD

Shipping days may differ by Quantity. Quantity of volume discount above is for representative Part No. It may differ by the Part.

**Unit Price** 

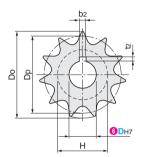
#### Shaft Hole Machining Size Table

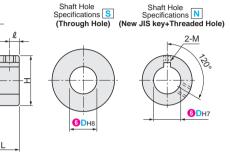
Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M
12	4×1.8	3
14~17	5×2.3	4
18~22	6×2.8	5
24~30	8×3.3	6
32-35-38	10×3.3	8
40	12×3.3	10

Do not use in combination with 10A chain.

Process issue: There is no guarantee that the tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway +0.5mm \* For keyway size, refer to GB/T 1095





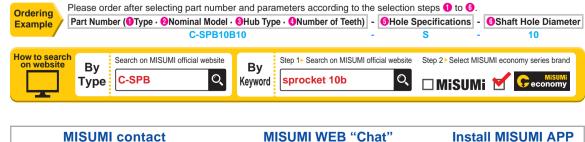
15%

30%

Material: S45C Equivalent (Teeth Tip: Induction hardening) Attachments: Set Screw (Only Shaft Hole Specifications N)

	Part Nur	nber		6	6	Shaft Hole Diameter (D)							
<b>1</b> Туре	2 Nominal Model	<b></b> € Hub Type	4 Number of Teeth (T)	Hole Specifications	S Specifications (H8)	N Specifications (H7)	Dp	Do	н	L	l		
			10		10	20	51.37	58.3	35	25	7		
			12			15 1920 28	61.34	68.2	42 51				
			13				12	15 18 24 30	66.32	73.2	47		
		15				32 19 20 22 24 28	76.36		57				
C-SPB		17	S			86.39		60					
C-SPD	10	10 B -	18	N	14	<b>20 22 25 32 35 38</b>	91.42	98.3	70	30	10		
			19			20 30 35 38 40	96.45	103.3	10				
			21			20 22 24 30	106.52 1		75				
			22			22 32 35	111.55	118.4					
			23		16	25 38 40	116.58	123.5	80				
			24			25 30 35	121.62	128.5	80				
			25			20	126.66	133.6					

Please visit MISUMI website for details of the models available for sale.





Tel:

economy Chains Nominal No.10B/Joint Link



Representative model: C-CHE10B-96



4~5

15%

Quantity Discount

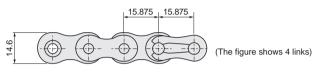
🛃 CAD

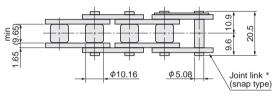
Shipping days may differ by Quantity.

Ouantity of volume discount above is for representative Part No. It may differ by the Part.

1~3

**Unit Price** 





\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

\*The joint link snap type and cotter pin type are shipped randomly. Please be careful

Sprocket and Chain Selection

This series is ISO Standard 10B roller chain, which can be used in combination with our 10B series sprocket. Do not use in combination with Japanese standard type or American standard type sprocket, which may cause the chain sprocket mechanism to fail to function properly!

Please choose joint links nominal No. 10B.

	2 Numbe	er of links	Allowable Maximum Tension								
1 Туре	Specified Type	Fixed Type	(kN)								
C-CHE10B	4~9998 (2-link increments)	96 links (circumference length 1,524mm)	4.5								
Example Part Number											
on website By	ch on MISUMI official website CHE10B	Step 1> Search on MISUMI official website chain 10b	Step 2 - Select MISUMI economy series brand								



Material: Steel

6~

30%

**Sprockets Nominal No.16B** 

#### Representative model: C-SPB16B12-S-16

Discount

16.2



**Unit Price** 

Link Pitch 25.4

Shipping days may differ by Quantity. Shaft Hole
 S

Shaft Hole Specifications N (New JIS key+Threaded Hole) Specifications S (Through Hole)

30%

15%

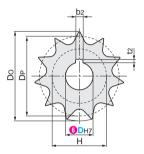
economy

Shaft Hole Machining Size Table										
Shaft Hole Diameter D	Keyway b2×t2	Fixing Screw M								
25.30	8×3.3	8								
35-38	10×3.3	8								
40	12×3.3	8								
45 40 50	44.00	40								

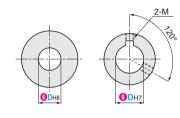
45-48-50 14×3.8 10 Do not use in combination with 16A chain. Process issue: There is no guarantee that the

tooth tip of multiple products is consistent with each other

Offset between tooth top and keyway ±0.5mm \* For keyway size, refer to GB/T 1095



🛃 CAD



Material: S45C Equivalent (Teeth Tip: Induction hardening) Attachments: Set Screw (Only Shaft Hole Specifications N)

Step 2 > Select MISUMI economy series brand

C econom

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	size, reier to G				-				Set Screw	(Only One		poomo		,
	Part Nu	mber		6	6 Sh	6 Shaft Hole Diameter (D)								
1 Туре	Nominal Model	8 Hub Type	Number of Teeth (T)	Hole Specifications	S Specifications (H8)	N Specifications (H7)				Dp	Do	Н	L	l
			11			25 30				90.14	101.7	61		
			12			25 30	35 3	8		98.14	109.7	69		
			13		16		35 3	8	45 48	106.12	117.7	78	40	12
			14						50	114.15	125.7	84		
			15					40	45	122.17 133.7 92				
C-SPB	16	В	16	S N		25			45	130.2	141.8			
			35			146.28	157.8	100	45	14				
			19		20		3	8	45 48	154.33	165.9			
			22		20		35	40	45 48	178.48	190.1			
			24				35		50	194.59	206.2	110	50	16
			25			30		40 42	48	202.66	214.2			
Ordering Example			0.	rt number and al Model •	•	•	_				6)Shaft	Hole	Diam	neter
			С	-SPB16B12			-		S	-		16		

By

Keyword

Q



6



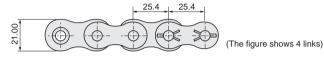
sprocket 16b

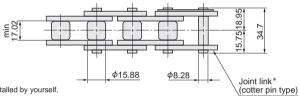
Step 1 Search on MISUMI official website

O,

# economy Chains Nominal No.16B/Joint Links







Material: Steel

\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

\*The joint link snap type and cotter pin type are shipped randomly. Please be careful

#### Sprocket and Chain Selection

This series is ISO Standard 16B roller chain, which can be used in combination with our 16B series sprocket. Do not use in combination with Japanese standard type or American standard type sprocket, which may cause the chain sprocket mechanism to fail to function properly!

Please choose joint links nominal No. 16B.

	ONUMBE	er of links	Allowable Maximum Tension
• Туре	Specified Type	Fixed Type	(kN)
C-CHE16B	4~9998 (2-link increments)	60 links (circumference length 1,524mm)	13.05
Ordering Example Please order at Part Number C-CHE		e e	steps 1 to 2.
on website By	ch on MISUMI official website CHE16B Q Keyword	Step 1- Search on MISUMI official website	Step 2 · Select MISUMI economy series brand



6

Sprockets / Chains

Sprockets / Chains

P.621

Chains With Attachments

**Sprockets Nominal No.20B** 

#### Representative model: C-SPB20B12-S-20

58

т

2~3

**Unit Price** 

Shaft Hole

Volume Discount Quantity

Discount

Shipping days may differ by Quantity.



economy

Shaft Hole Machining Size Table

Keyway

b2×t2

8×3.3

10×3.3

12×3.3

14×3.8

Process issue: There is no guarantee that the

Contract to the set of \* For keyway size, refer to GB/T 1095

Shaft Hole Diameter

D

25.30

35

40

45.50

each other

Link Pitch 31.75

Fixing Screw

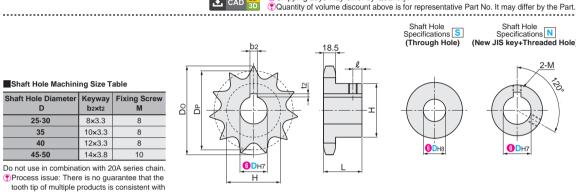
M

8

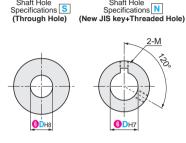
8

8

10



🛃 CAD



THB

4~5

15%

Shipping from

6~

30%

Shaft Hole

day

Material: S45C Equivalent (Teeth Tip: Induction hardening) Attachments: Set Screw (Only Shaft Hole Specifications N)

	Part Nu	umber		6	6Shaft H	ole Diameter (D)					
ОТуре	2Nominal Model	Hub Type	4 Number of Teeth (T)	Hole Specifications	S Specifications (H8)	N Specifications (H7)	Dp	Do	н	L	l
			10			25 30	102.74	117	70	40	10
			11		2	25 30	112.68	127	77		
			12			30 35	122.68	137	88		
			13         20         30 35 40         1	132.65	147.5	98	45 13	13			
C-SPB 20		14		<b>35 40 45 50</b> 142.	142.68	157.6	108				
	20	В	15	S N		40 45 50	152.72	167.7	118		
			16			40 45 50	<b>40 45 50</b> 162.75 177.7	177.7			
		25	172.78	187.8							
			45 50	182.85	197.8	-	50	15			
			45 50	192.91	207.9						
			20			45 50	202.98	217.9			
Ordering Example			be · ②Nominal			g to the selection steps 1 eeth) - GHole Specificati		Shaft F	lole D	iam	eter
How to se on webs		Search or	n MISUMI official v			ISUMI official website Step 2 ► Se				NiSUM	

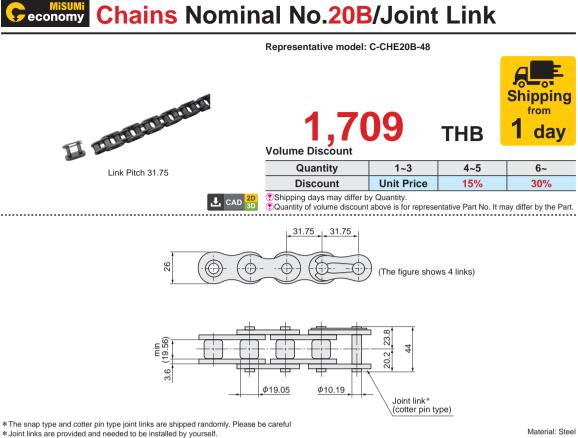
Sprockets / Sprockets / Chains Chains P.621

6



Tel: 038-959200 or 1382 Email: cs@misumi.co.th





\* Joints can also be purchased separately. Search "Joint Link" on the official website.

Sprocket and Chain Selection

This series is ISO Standard 20B roller chain, which can be used in combination with our 20B series sprocket. Do not use in combination with American standard type or Japanese standard type 20A series sprocket, which may cause the chain sprocket mechanism to fail to function properly!

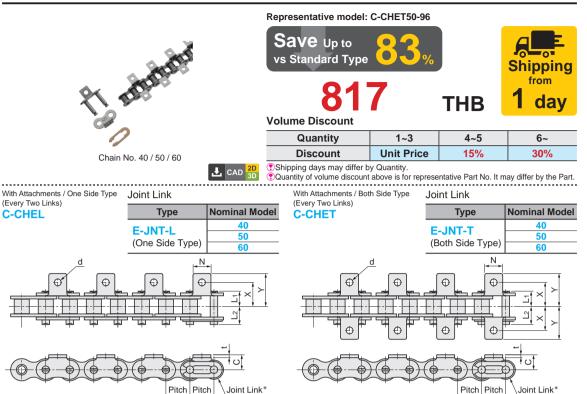
Please choose joint links nominal No. 20B.

Part Number	2Numb	er of links	Allowable Maximum Tension							
<b>1</b> Туре	Specified Type	Fixed Type	(kN)							
C-CHE20B	4~9998 (2-link increments)	48 links (circumference length 1,524mm)	18.2							
Example Part Number	Dert Number (1) Tune)									
on website By	ch on MISUMI official website By CHE20B	Step 1> Search on MISUMI official website	Step 2- Select MISUMI economy series brand							



6 Sprockets / Chains Sprockets / Chains P.621 Chains With Attachments P.641

# economy Chains With Attachments, Japanese Standard Type/Joint Link



Material: Steel

\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

Number of links of 1 chain

No.	Number of links of 1 chain
40	120 (circumference length 1,524mm)
50	96 (circumference length 1,524mm)
60	80 (circumference length 1520mm)

Sprocket and Chain Selection

This series is ISO Standard 08A / 10A / 12A / (ANSI 40/50/60) roller chain, which can be used in combination with our 40B / 50B / 60B series sprocket.

Do not use in combination with 08B / 10B / 12B sprocket, which may cause the chain sprocket mechanism to fail to function properly! The conveyor belt chain with attachments can only be used for transmission, with an additional height difference of ±0.25mm. Do not use for precise positioning and heavy load use.

#### Please choose joint link of corresponding to nominal model.

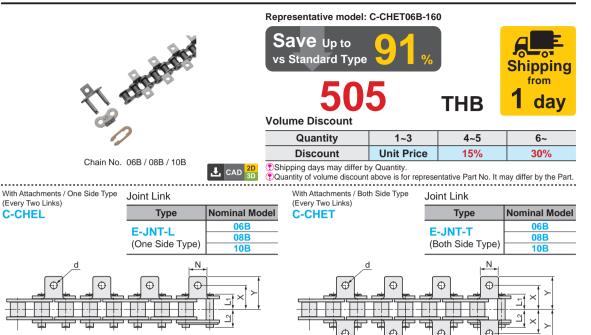
Part N	Part Number		Pitch	Р	in	Slab	Attachments					Allowable Maximum	
1 Туре	2 Nominal Model	Number of links	Pitch	L1	L2	t	С	Х	Y	Ν	d	Tension kN (kgf)	
C-CHEL	40	120	12.7	8.3	9.6	1.5	7.9	12.7	17.6	9.5	3.4	2.75(280)	
(One Side Type)	50	96	15.875	10.25	11.85	2	10.3	15.9	23.1	12.7	5.5	4.41(450)	
(Both Side Type)	60	80	19.05	12.65	14.35	2.4	11.9	19.05	27.8	15.9	5.5	6.28(640)	
Urdering	order after selecting p Number (1) Type · 2) C-CHET50	Nominal Mod	<u> </u>		accordir Iber of 96	-	ne sele	ection s	steps	to 🕄	)_		

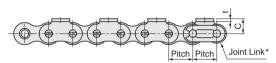




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# economy Chains With Attachments, European Standard Type/Joint Link





\* Joint links are provided and needed to be installed by yourself.

\* Joints can also be purchased separately. Search "Joint Link" on the official website.

#### Number of links of 1 chain

\_

 No.
 Number of links of 1 chain

 06B
 160 (circumference length 1,524mm)

 08B
 120 (circumference length 1,524mm)

 10B
 96 (circumference length 1,524mm)

Sprocket and Chain Selection

This series is ISO Standard 06B / 08B / 10B roller chain, which can be used in combination with our 06B / 08B / 10B series sprocket.

Do not use in combination with 06A / 08A / 10A sprocket, which may cause the chain sprocket mechanism to fail to function properly! The conveyor belt chain with attachments can only be used for transmission, with an additional height difference of ±0.25mm. Do not use for precise positioning and heavy load use.

Please choose joint link of corresponding to nominal model.

Part Number		<b>3</b> Number of	Pitch	Р	in	Slab	Attachments					Allowable Maximum
1 Туре	Nominal Model	links	Filch	L1	L2	t	С	Х	Y	Ν	d	Tension kN (kgf)
C-CHEL	06B	160	9.525	6.27	7.23	1.2	6.35	9.5	14.3	7.9	3.4	1.93(196)
(One SideType)	08B	120	12.7	8.5	9.9	1.65	8.9	12.7	17.6	9.5	4.3	3.76(382)
(Both SideType)	10B	96	15.875	9.6	10.9	1.65	10.3	15.9	23.1	12.7	5.3	4.5(458)
Ordering Example       Please order after selecting part number and parameters according to the selection steps 1 to 3.         Part Number (1 Type · 2 Nominal Model)       - 3 Number of links         C-CHET06B       - 160												
How to search on website Typ	· • • • • • • • • • • • • • • • • • • •		By i	Step 1 • S					Step 2	2 > Selec		Il economy series brand



Sprockets / Chains Sprockets / Chains

6

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Pitch Pitch

Joint Link\*

Material: Steel