

# Chain Guides with Steel Frame / Chain Guides

L Dimension Selectable / Configurable

■ Features: By passing a chain through this type of guide, conveyance is provided with little dust/noise.

### Chain Guides with Steel Frame

RoHS

Type	Material
Raised Track GDTC GDTS	Ultra High-Molecular-Weight Polyethylene
Channel GDCC GDGS	Ultra High-Molecular-Weight Polyethylene
Raised Track LGTC LGTS	Steel (Galvanized)
Channel LGCC LGCS	Steel (Galvanized)

### Hole Machining Shape for Raised Track

No.35, No.40

No.50, No.60

### Hole Machining Shape for Channel

No.35

No.40, No.50

⊕ Channel can be pulled out of Steel Frame.

$*Q = \frac{L - P(K-1)}{2} \geq 7$

Part Number	Type	No.	L Length Selection (mm)	A	B	C	D	E	F	G	H	t	Mass (kg/m)	Unit Price						
														GDTC, GDCC	GDTS, GDGS	L=450	L=950	L=2000	L=450	L=950
Raised Track	GDTC (Steel)	35	450	4.4	2.3								0.67							
		40	950	7.4	2.4	20	17	14	17	10	10	1.5	0.69							
		50	2000	8.8	2.8									0.69						
GDTS (Stainless Steel)	GDTS	35	450	11.8	3.5	28	20						1.12							
		40	950	4.6	4.3			5.3	9.9	7.9	9.3		1.46							
		50	2000	5.1	7.4	30	24	8.4	13.2	11.7	13.7	1.5	1.40							
Channel	GDCC (Steel)	35	450	6.4	8.9								1.34							
		40	950	7.4	11.7			12.4	19.8	18.5	20.6		1.28							
		50	2000	6.4	8.9								1.34							
GDGS (Stainless Steel)	GDGS	35	450	11.8	3.5	28	20						1.12							
		40	950	4.6	4.3			5.3	9.9	7.9	9.3		1.46							
		50	2000	5.1	7.4	30	24	8.4	13.2	11.7	13.7	1.5	1.40							

Part Number	Type	No.	L 10mm Increment	K Number of Holes	P Hole Pitch 5mm Increment	A	B	C	D	E	F	G	H	t	M	ℓ	d	d1	h	Mass (kg/m)
Raised Track	LGTC (Steel)	35	200-2000	0-10	50-500	4.4	2.3								M4	6	-	-	-	0.67
		40				7.4	2.4	20	17	14	17	10	10	1.5	M5	7.5	-	-	-	0.69
		50				8.8	2.8								-	-	4.5	7.5	5	0.69
LGTS (Stainless Steel)	LGTS	35	200-2000	0-10	50-500	11.8	3.5	28	20						M6	9	-	-	-	1.46
		40				4.6	4.3			5.3	9.9	7.9	9.3	1.5	-	-	4.5	7.5	5	1.40
		50				5.1	7.4	30	24	8.4	13.2	11.7	13.7	1.5	-	-	4.5	7.5	5	1.40
Channel	LGCC (Steel)	35	200-2000	0-10	50-500	6.4	8.9								-	-	5.5	9	6	1.34
		40				7.4	11.7			12.4	19.8	18.5	20.6		-	-	5.5	9	6	1.28
		50																		
LGCS (Stainless Steel)	LGCS	35	200-2000	0-10	50-500	11.8	3.5	28	20						M6	9	-	-	-	1.46
		40				4.6	4.3			5.3	9.9	7.9	9.3	1.5	-	-	4.5	7.5	5	1.40
		50				5.1	7.4	30	24	8.4	13.2	11.7	13.7	1.5	-	-	4.5	7.5	5	1.40

No.	Type	Body Price						Hole Machining Charge (Body Price +)
		L200-450	L460-950	L960-1400	L1410-2000	L200-450	L460-950	
35	LGTC							
40	LGTC							
50	LGTC							
60	LGTC							
35	LGCC							
40	LGCC							
50	LGCC							
60	LGCC							

⊕ P selection is unnecessary when Number of hole is 0. ⊗ Hole machining is not applicable to Channel No. 60. ⊕ Ultra High-Molecular-Weight Polyethylene may change in dimensions as its stretch rate changes by temperature.

### Raised Track, Channel

RoHS

Type	Material
Raised Track GDT	Ultra High-Molecular-Weight Polyethylene
Channel GDC	Ultra High-Molecular-Weight Polyethylene

### Installation Example

Part Number	Type	No.	L Length Selection (mm)	A	B	C	D	E	F	G	H	Mass (kg/m)	Unit Price		
													L=450	L=950	L=2000
Raised Track	GDT	40	450	7.4	2.4							0.16			
		50	950	8.8	2.8	20	10	-	-	-	-	0.16			
		60	2000	11.8	3.5	25							0.36		
Channel	GDC	40	450	5.1	7.4	25	30	8.4	13.2	11.7	13.7	0.58			
		50	950	6.4	8.9	30	35	10.7	16.5	14.5	16.2	0.8			
		60	2000	7.4	11.7	35	40	12.4	19.8	18.5	20.6	1.04			

⊕ Ultra High-Molecular-Weight Polyethylene may change in dimensions as its stretch rate changes by temperature.

# Flanged Chain Guides / Steel Chain Guides

L Dimension Selectable

■ Features: This type of chain guide can be installed just by screw-tightening its flange through the mounting hole.

### Flanged

RoHS

Type	Material
L Dimension Selectable Side Mount GDYC GDYS	Ultra High-Molecular-Weight Polyethylene
Up Mount GDRS	Steel (Galvanized)

⊕ Upon existing stock is depleted, the flange part on the steel frame will be changed from Folded type to Welded Type. Note that this new type is equivalent to the conventional type, but has some traces of welding.

• Side Mount

• Up Mount

Part Number	Type	No.	L Length (mm)	K Number of Holes	P Hole Pitch	A	B	C	D	E	F	G	H	W	Y	Mass (kg/m)	Unit Price	
																	GDYC·GDRS	GDYS·GDRS
Side Mount GDYC (Steel) GDYS (Stainless Steel)	GDYC	35	2000	10	200	4.6	4.3				5.3	9.9	7.9	9.3		47	2.37	
		40				5.1	7.4	30	25		8.4	13.2	11.7	13.7	-	-	2.31	
		50				6.4	8.9				10.7	16.5	14.5	16.2			2.24	
Up Mount GDRS (Steel) GDRS (Stainless Steel)	GDRS	35	2000	10	200	4.6	4.3				5.3	9.9	7.9	9.3		53	2.40	
		40				5.1	7.4	30	25		8.4	13.2	11.7	13.7	-	-	2.34	
		50				6.4	8.9				10.7	16.5	14.5	16.2			2.27	
		60				7.4	11.7				12.4	19.8	18.5	20.6			2.21	

⊕ Ultra High-Molecular-Weight Polyethylene may change in dimensions as its stretch rate changes by temperature.

Ordering Example: Part Number - L  
GDYC50 - 2000

### Steel Chain Guides

RoHS

### SGDT

■ Features: Chain guides excellent in hardness and abrasion resistance and are suitable for use in conveyance where large loads apply.

Hole Machining N : No Hole Machining

Hole Machining ST : Side Tapped

Hole Machining HT : Back Tapped

Hole Machining Z : Side Counterbored

L	Number of Holes	X	Y
300	2	100	100
500	3	150	100
1000	5	200	150

⊕ No surface treatment on machined holes.

Part Number	Type	No.	Hole Machining	L Length Selection (mm)	A	H	d1	d2	Z1	M	L=300 Unit Price			L=500 Unit Price			L=1000 Unit Price		
											N	ST, HT	Z	N	ST, HT	Z	N	ST, HT	Z
SGDT		40	N (No Hole Machining)	300	6	13	4.5	8	4.5	4									
		50	ST (Side Tapped)	500	9	16	5.5	9.5	5.5	5									
		60	HT (Back Tapped) Z (Side Counterbored)	1000	12	22	6.5	11	6.5	6									

Ordering Example: Part Number - L  
SGDT50ST - 500

### Overall View

### Front View

Small Conveyor Chains (CHEL) P1545  
Chain Guides (GDTC)  
Chain Guides (GDCC)

1-1559

1-1560