

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

RoHS10

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

• Side Mount

• Up Mount

*Q=100

⚠ Channel can be pulled out of Steel Frame.

⚠ 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.

L Dimension Selectable

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·GDRC	GDYS·GDRS
Side Mount GDYC (Steel) GDYS (Stainless Steel)	35	2000	10	200	4.6	4.3	30	25	5.3	9.9	7.9	9.3	-	47	2.37		
	40				5.1	7.4			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		
	60				7.4	11.7			12.4	19.8	18.5	20.6			2.18		
	35				4.6	4.3			5.3	9.9	7.9	9.3			2.40		
Up Mount GDRC (Steel) GDRS (Stainless Steel)	40	2000	10	200	5.1	7.4	30	25	8.4	13.2	11.7	13.7	53	-	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

RoHS10

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

⚠ When A=6, the tapped hole goes through.

Hole Machining **HT** : Back Tapped

Hole Machining **Z** : Side Counterbored

M Depth Mx1.5
d1 Through d2 Counterbore Depth Z1

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

M Material	S Surface Treatment
S45C	Hard Chrome Plating

⚠ No surface treatment on machined holes.

L Dimension Selectable Type

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	Z (Side Counterbored)	1000	12	22	6.5	11	6.5	6									

Ordering Example: Part Number - L
SGDT50ST - 500



When a conveyor or other type chain is operated in highly frictional environments, the roller and palate are worn sharply and thereby, generate dust and noise. This phenomenon causes the service life of the chain to be lowered. As the solution against the said problem, a chain guide with low friction and high abrasion resistance is used. Furthermore, this guide is also used for the purpose of suppressing chain vibration or of controlling the chain travelling path.

Overall View

Small Conveyor Chains (CHEL) P.1545

Chain Guides (GDTC)

Chain Guides (GDCC)

Front View