

Flanged Chain Guides / Steel Chain Guides

L Dimension Selectable

Flanged Chain Guides – L Dimension Selectable

RoHS10

Type		Material	
L Dimension Selectable / Hole Pitch Fixed Type		Guide Rail	C-Channel
Side Mount	Up Mount	Ultra High-Molecular-Weight Polyethylene	Steel (Trivalent Chromate)
GDYC	GDRC		Stainless Steel
GDYS	GDRS		

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

Side Mount

Up Mount

C-Channels can be pulled out.

L Dimension Configurable / Hole Pitch Configurable Type

Part Number	Type	No.	L (mm)	No. of Holes	P Hole Pitch	A	B	C	D	E	F	G	H	W	Y	Mass (kg/m)
Side Mount GDYC (Steel) GDYS (Stainless Steel)	2000	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
Up Mount GDRC (Steel) GDRS (Stainless Steel)	2000	35	2000	10	200	4.6	4.3	30	25	5.3	9.9	7.9	9.3	53	—	2.40
		40				5.1	7.4			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

UHMW may change in dimensions as its stretch rate changes by temperature.

Part Number Example

Part Number: **GDYC50** - L: **2000**

Steel Chain Guides

RoHS10

SGDT

Hole Machining: **N: No Hole Machining**, **ST: Side Tapped**, **HT: Back Tapped**, **Z: Side Counterbore**

When A=6, the tapped hole goes through.

d1 Cross-drilled, dz Counterbore Depth Z1

Material: 1045 Carbon Steel or Equivalent. Surface Treatment: Hard Chrome Plating.

Features: Suitable when large loads rest on the chain such as chain conveyance.

No surface treatment on machined holes.

L Dimension Configurable Type

For Small Conveyors Chains, refer to P:1519-1520.

Part Number	Type	No.	Hole Machining	L (mm)	A	H	d ₁	d ₂	Z ₁	M
SGDT	300	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

Part Number Example

Part Number: **SGDT50ST** - L: **500**

Turnbuckles

Standard, Long & Threaded

Turnbuckles – Standard, Long & Threaded

RoHS10

Standard	Type	Long	Threaded	Parts	Material	Surface Treatment	Hardness
STRT	LSTRT	STBT	Joint	12L13 Carbon Steel	Black Oxide	—	
			Attaching Portion	1045 Carbon Steel or Equivalent			
			Nut	1018 Carbon Steel or Equivalent			
STRTS	—	—	—	303 Stainless Steel or Equivalent	—	—	

Standard Long

Threaded

Standard

Part Number	Type	Applicable Roller Chain	Lmin	Pmin	A	B ₁	B ₂	C	L ₁	D	Mass (g)	Compliance with Standard	
												STRT	STRTS
STRT STRTS	—	—	—	—	—	—	—	—	—	—	—	•	—
												•	—
												•	•
												•	•
												•	•
												•	—
												•	—

STRTS is available for sizes marked with * only.

Long

Part Number	Type	Applicable Roller Chain Nominal	Lmin	Pmin	A	B ₁	B ₂	C	L ₁	D	Mass (g)										
LSTRT	—	—	—	—	—	—	—	—	—	—	—										
												25	102.6	96.6	22.4	4.8	7	3	69	2.4	57
												35	143	134	33	7.4	10	4.5	95	3.7	134
												40	175	163	39	11.2	13	6	115	4	283
												50	200	185	40	13.8	17	7.5	126	5.2	411
												60	275	257	66	17.8	19	9	185	6	918
80	341	317	80	22.6	24	12	225	8	1741												

Threaded

Part Number	Type	M (Coarse)	L min	E	A	L ₁	Mass (g)						
STBT	—	—	—	—	—	—	—						
								3	46	6	5	22	7.6
								4	64	8	7.5	33	16
								6	89	12	10	43	40
								8	116	16	13	55	115
								10	143	20	16	67	185
12	171	24	20	81	290								
16	217	32	21	95	600								

Part Number Example

Part Number: **STRT40 STBT6**

Application Example

STRT / STRTS / LSTRT

STBT

Joint Link

Refer to next page for ordering turnbuckle parts in single unit.

Left-hand Thread: SRC-L, SRCS-L, HSB-L

Right-hand Thread: SRC-R, SRCS-R, LSRC-R, HSB-R

For adjustment of a rod end bearing.