

# Turnbuckles

Standard / Long / Threaded

■ **Features:** By coupling this turn buckle with the end of a chain, tension can be adjusted or a workpiece can be hung.

Type			Parts	Material	Surface Treatment	Hardness
Standard	Long	Threaded				
STRT	LSTRT	STBT	Joint Mount Clevis Nut	SUM22L S45C SS400	Black Oxide	- 35-40HRC
STRTS	-	-	Joint Mount Clevis Nut	SUS303 Equivalent SUS304 Equivalent	-	-

• Standard  
• Long

• Threaded

RoHS

Part Number	Type	Applicable Roller Chain Nominal	Lmin	Pmin	A	B1	B2	C	L1	D	Mass (g)	Unit Price	
												STRT	STRTS
11		40	36.4	4	2.4	5	1.8	20	1.7	6.6	-	-	
15		46	41.6	5	3.4	6	2.2	22	1.7	9.6	-	-	
*25		62	56	7.5	4.8	7	3	33	2.4	18	-	-	
*35		85	76	10	7.4	10	4.5	43	3.7	44	-	-	
*40		110	98	13	11.2	13	6	55	4	105	-	-	
*50		135	120	16	13.8	17	7.5	67	5.2	215	-	-	
60		161	143	20	17.8	19	9	81	6	330	-	-	
80		201	177	21	22.6	24	12	95	8	680	-	-	

STRTS is available for sizes marked with \* only.

Part Number	Type	Applicable Roller Chain Nominal	Lmin	Pmin	A	B1	B2	C	L1	D	Mass (g)	Unit Price	
												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	-	-	

Part Number	Type	M (Coarse)	Lmin	E	A	L1	Mass (g)	Unit Price
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	-		

Ordering Example  
Part Number  
STRT40

**Example**

For adjusting tension for a chain for repetitive motion rather than in rotary motion. • Refer to P.1562 for ordering turnbuckle parts in single unit.

For being used as the mechanism intended to open/close a door hung up.

(Left handed thread) SRC-L, SRC-L, SRC-L  
(Right handed thread) SRC-R, SRC-R, SRC-R

(Left handed thread) HSB-L  
(Right handed thread) HSB-R

# Turnbuckle Components

■ **Features:** Turnbuckle Components can be purchased as separate items.

Type			Parts	Material	Surface Treatment	Hardness
Standard	Long	Threaded				
SRC-R	SRC-L	LSRC-R	Main Body Nut	S45C SS400	Black Oxide	35-40HRC
SRCS-R	SRCS-L	-	Main Body Nut	SUS303 Equivalent SUS304 Equivalent	-	-

RoHS

Part Number	Type	Applicable Roller Chain Nominal	M (Coarse)	L1	L2	L	C	D	B1	B2	H	Max. Load (kN)		Mass (g)	Unit Price	
												SRC-R, L	SRCS-R, L		SRC-R, L	SRCS-R, L
15		3	10	12	20.6	2.2	1.7	3.4	6	1.8	0.44	-	2.8	-	-	
*25		4	16.5	18	28.2	3	2.4	4.8	7	2.4	0.78	0.68	5	-	-	
*35		6	23.5	25	40	4.5	3.7	7.4	10	3.6	1.96	1.57	12	-	-	
*40		8	31	33	52.5	6	4	11.2	13	5	3.53	2.84	30	-	-	
*50		10	39	41	65	7.5	5.2	13.8	17	6	5.68	4.51	60	-	-	
60		12	47	49	78	9	6	17.8	19	7	8.23	6.57	100	-	-	
80		16	57	60	98	12	8	22.6	24	10	15.4	12.3	210	-	-	

\*15 is not available for SRCS-R. SRCS-L is available for sizes marked with \* only.

Please check the Allowable Tension of the paired Chains.

Part Number	Type	Applicable Roller Chain Nominal	M (Coarse)	L1	L2	L	C	D	B1	B2	H	Max. Load (kN)	Mass (g)	Unit Price	
														LSRC-R	
25		6	35	38	48.2	3	2.4	4.8	7	3.6	0.78	11	-	-	
35		8	50	54	69	4.5	3.7	7.4	10	5	1.96	27	-	-	
40		10	60	64.5	84	6	4	11.2	13	6	3.53	56	-	-	
50		12	65	71	95	7.5	5.2	13.8	17	7	5.68	94	-	-	
60		16	100	106	135	9	6	17.8	19	10	8.23	218	-	-	
80		20	119	127	165	12	8	22.6	24	12	15.4	414	-	-	

Type			Parts	Material	Surface Treatment	Hardness
Right-Hand Thread	Left-Hand Thread	Threaded				
HSB-R	HSB-L		Main Body Nut	S45C SS400	Black Oxide	35-40HRC

RoHS

Part Number	Type	M (Coarse)	L1	E1	M2	E2	H	H1	L	B	Mass (g)	Unit Price	
												HSB-R	HSB-L
4		16.5	18	M 4	8	3.2	2.4	29.2	7	4	-	-	
6		23.5	25	M 6	12	5	3.6	42	10	10	-	-	
8		31	33	M 8	16	6.5	5	55.5	13	25	-	-	
10		39	41	M10	20	8	6	69	17	45	-	-	
12		47	49	M12	24	10	7	83	19	80	-	-	
16		57	60	M16	32	13	10	105	24	170	-	-	

Type	Material	Surface Treatment
SJN	SUM22L	Black Oxide
SJNS	SUS303	-

RoHS

Part Number	Type	M (Coarse)	L	L1	B	Mass (g)	Unit Price	
							SJN	SJNS
3		22	9	6	4	-	-	
4		33	14	7	8	-	-	
*6		43	19	10	20	-	-	
*8		55	25	13	45	-	-	
*10		67	31	17	95	-	-	
12		81	38	19	130	-	-	
16		95	45	24	260	-	-	

SJNS is available for sizes marked with \* only.

Ordering Example  
Part Number  
SRC-R40  
HSB-R8  
SJN10