

U.S. TSUBAKI FREE FLOW CHAIN

Top Roller Chain

Selection of free flow chain should be based upon the conveyor layout and the size of the conveyed load. Load capacities of all free flow chains are given in the engineering section.

Top Roller Chain

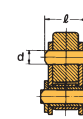
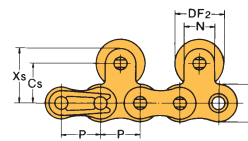
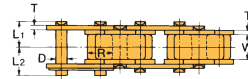
Standardized Specifications			Variations
Series	Base Chain	Top Roller	Base Chain
Regular Series	Steel	Steel	Stainless steel Nickel-Plated & ULTRA WP®
Plastic Top Roller Series	Steel	Engineering plastic	
Plastic Roller Series	Steel + plastic Oversize roller	Engineering plastic	
*Double Strand Top Roller Series	Steel	Steel	
*Guide Attachment Series	Steel	Steel or engineering plastic	

* For more information, please contact U.S. Tsubaki.

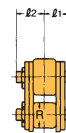
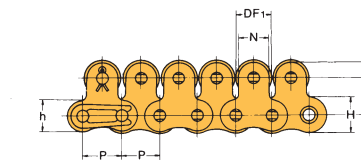
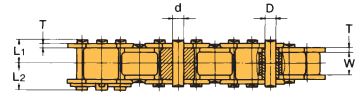


Single Strand RS Type (Regular Series, Plastic Top Roller)

When top rollers are spaced more than every second link:



When top rollers are spaced at every link:

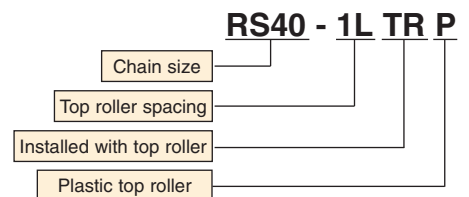


1. Top rollers for regular series are heat-treated.
2. Spring clip type connecting links will be provided for RS40-RS60 unless otherwise specified.

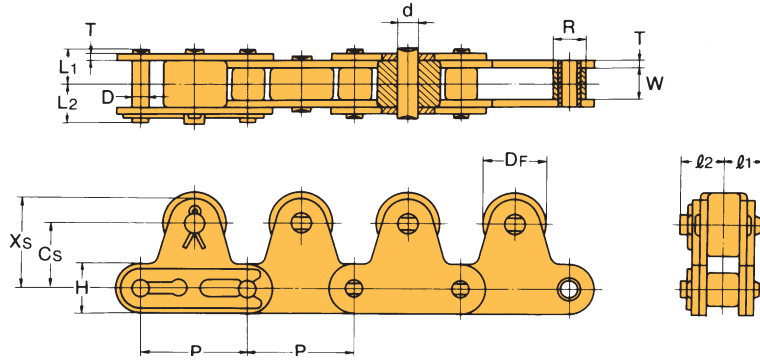
U.S. TSUBAKI Chain No.		Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Approximate Weight lbs./ft.			
Regular Series	Plastic Top Roller Series				D	L ₁	L ₂	H	T	Regular Series		Plastic Top Roller Series	
										At Every Link	At Every Second Link	At Every Link	At Every Second Link
RS40-TR	RS40-TRP	.500	.312	.312	.156	.325	.392	.472	.060	1.23	.95	.62	.57
RS50-TR	RS50-TRP	.625	.375	.400	.200	.406	.472	.591	.080	1.61	1.46	1.05	.93
RS60-TR	RS60-TRP	.750	.500	.469	.234	.506	.581	.713	.094	2.42	2.14	1.55	1.36
RS80-TR	RS80-TRP	1.000	.625	.625	.312	.640	.758	.949	.125	4.09	3.54	2.62	2.31
RS100-TR	RS100-TRP	1.250	.750	.750	.375	.778	.900	1.185	.156	6.25	5.95	4.07	3.64

U.S. TSUBAKI Chain No.		Attachment Dimensions								
Regular Series	Plastic Top Roller Series	DF ₁	DF ₂	C _s	N	X _s	l	l ₁	l ₂	d
RS40-TR	RS40-TRP	.433	.625	.500	.374	.687	.520	.325	.380	.156
RS50-TR	RS50-TRP	.591	.750	.626	.500	.876	.638	.406	.469	.200
RS60-TR	RS60-TRP	.709	.875	.720	.626	1.033	.811	.506	.600	.234
RS80-TR	RS80-TRP	.945	1.125	.969	.752	1.344	1.012	.640	.758	.312
RS100-TR	RS100-TRP	1.181	1.563	1.252	1.000	1.752	1.220	.778	.900	.376

Model Identification



■ Single Strand Double Pitch Type (Regular Series, Plastic Top Roller Series, Plastic Roller Series)



1. Spring clip type connecting links will be provided for C2040 ~ C2060H unless otherwise specified.
2. The dimensions, except for roller diameter, are the same as both standard roller "S" type and over-size roller "R" type.
3. For even number spacing, top rollers will be fitted on roller link unless otherwise specified.

U.S. TSUBAKI Chain No.	Pitch P	Width Between Roller Link Plates W	Roller Diameter R		Pin			Link Plate		Approximate Weight lbs./ft.				
			"S" Roller	"R" Roller	D	L ₁	L ₂	H	T	Regular Series		Plastic Top Roller Series		Plastic Roller Chain Series
										"S" Roller	"R" Roller	"S" Roller	"R" Roller	
C2040-TR	1.00	.312	.312	.625	.156	.325	.392	.472	.060	.89	1.14	.61	.85	.62
C2050-TR	1.25	.375	.400	.750	.200	.406	.472	.591	.080	1.37	1.68	.97	1.28	.96
C2060H-TR	1.50	.500	.469	.875	.234	.573	.652	.677	.125	2.47	2.93	1.86	2.33	1.85
C2080H-TR	2.00	.625	.625	1.125	.312	.720	.823	.906	.156	3.80	4.54	2.88	3.63	3.04
C2100H-TR	2.50	.750	.750	1.563	.375	.858	.965	1.126	.187	6.12	7.64	4.37	5.89	4.44

U.S. TSUBAKI Chain No.	Attachment Dimensions					
	D _F	C _S	X _S	l ₁	l ₂	d
C2040-TR	.625	.591	.827	.325	.380	.156
C2050-TR	.750	.748	1.043	.406	.469	.200
C2060H-TR	.875	.906	1.244	.573	.667	.234
C2080H-TR	1.125	1.142	1.594	.728	.839	.446
C2100H-TR	1.563	1.394	1.957	.870	1.071	.572

Note: Weights listed apply when top rollers are fitted at every link.

■ Model Identification

