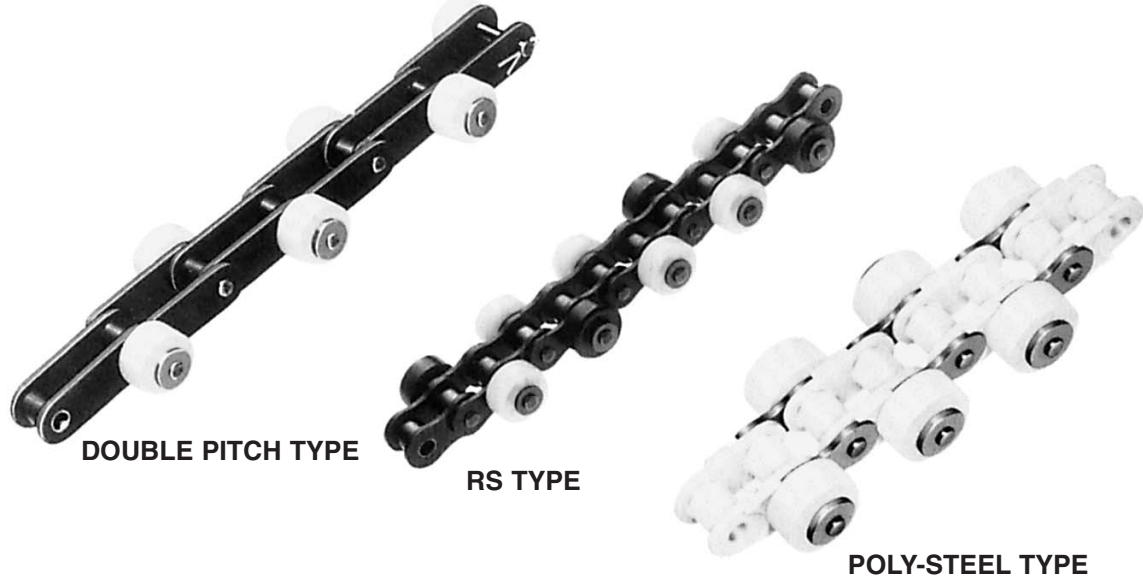


Outboard Roller Chain Series

Side Roller

- Highly compact
- Wide selection
- Quick start up



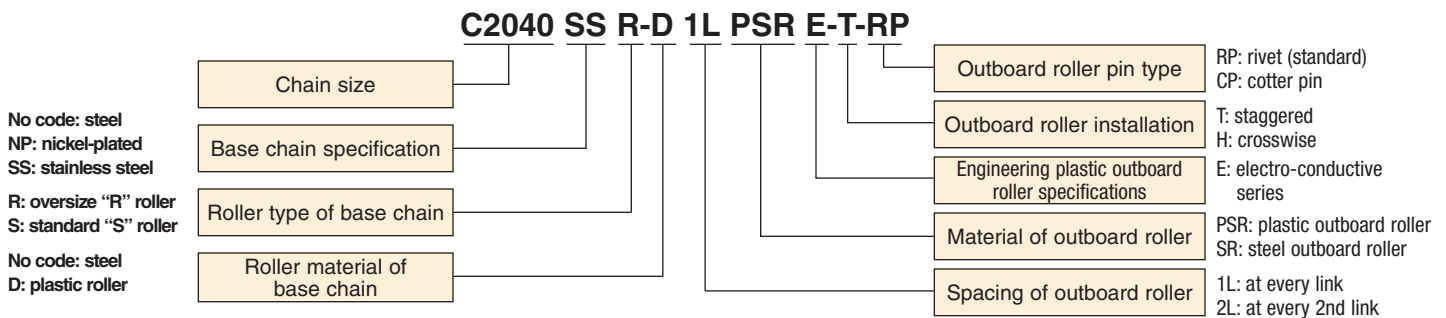
Side Roller Chain Series

Standard Specifications			Variations
Series	Base Chain	Side Roller	Base Chain
Regular Series	<ul style="list-style-type: none"> • Carbon steel chain • Carbon steel chain with plastic oversize "R" rollers 	<ul style="list-style-type: none"> • Carbon steel • Engineering plastic (white) • Engineering plastic (white) plus Special engineering plastic brake (brown) 	<ul style="list-style-type: none"> • Stainless steel • Nickel-Plated & ULTRA WP®
Electro-conductive Series	<ul style="list-style-type: none"> • Carbon steel chain • Carbon steel chain with plastic oversize "R" rollers 	<ul style="list-style-type: none"> • Special engineering plastic (black) • Special engineering plastic (black) plus Special engineering plastic brake (brown) 	<ul style="list-style-type: none"> • Stainless steel • Nickel-Plated & ULTRA WP®
Poly-steel Series	<ul style="list-style-type: none"> • Stainless steel and Engineering plastic (white) 	<ul style="list-style-type: none"> • Engineering plastic (white) • Engineering plastic (white) plus Special engineering plastic brake (brown) 	<ul style="list-style-type: none"> • Chemical Resistant • Electro-Conductive
Guide Attachment Series	<ul style="list-style-type: none"> • Carbon steel chain • Carbon steel chain with plastic oversize "R" rollers 	Can be made with any of the above	<ul style="list-style-type: none"> • Stainless steel • Nickel-Plated & ULTRA WP®

Note: Consult U.S. Tsubaki when using plastic brake outboard rollers on plated chains.

Model Identification

When ordering, please indicate spacing for installing brakes and guide attachments.

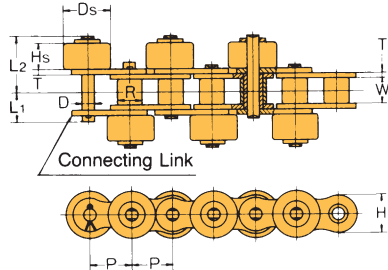


Note: Plastic Brake Outboard Roller must be specific.

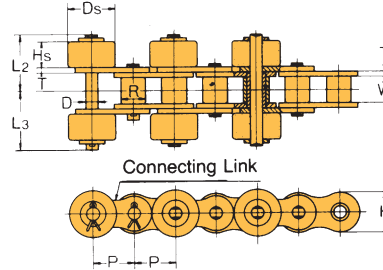
■ Regular and electro-conductive series without brake

RS Type

Type I (Staggered Installation)



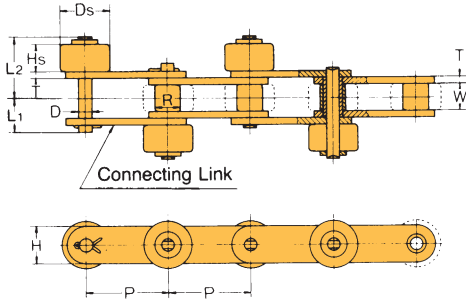
Type II (Crosswise Installation)



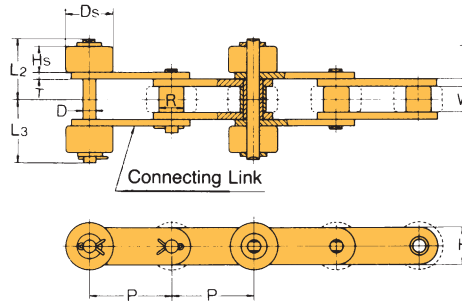
Double Pitch Type

The diagram shows the standard “S” roller (roller at chain center) drawn in solid lines and the oversize “R” roller in dotted lines.

Type I (Staggered Installation)



Type II (Crosswise Installation)



RS Type

U.S. TSUBAKI Chain No.		Pitch P	Roller Diameter R	Width Between Roller Link Plates			Link Plate			Pin			Outboard Roller		Approximate Weight lbs./ft.	
Regular Series	Electro-Conductive Series			W	T	H	D	L ₁	L ₂	L ₃	D _s	H _s	Plastic Outboard Roller	Steel Outboard Roller		
RS40-PSR	RS40-PSRE	.500	.312	.312	.060	.472	.156	.380	.705	.760	.625	.307	.63	1.12		
RS50-PSR	RS50-PSRE	.625	.400	.375	.080	.591	.200	.469	.850	.913	.750	.370	.95	1.63		
RS60-PSR	RS60-PSRE	.750	.469	.500	.094	.713	.234	.600	1.100	1.195	.875	.496	1.42	2.44		
RS80-PSR	RS80-PSRE	1.000	.625	.625	.125	.949	.312	.758	1.380	1.494	1.125	.622	2.40	3.98		
RS100-PSR	-	1.250	.750	.750	.156	1.185	.375	.900	1.675	1.797	1.563	.748	3.74	6.73		

Note: 1. Weights listed are for staggered outboard roller installation at every link, or crosswise outboard roller installation at every second link.
2. Cottered type connecting links will be provided.

Double Pitch Type

U.S. TSUBAKI Chain No.		Pitch P	Roller Diameter R	Width Between Roller Link Plates			Link Plate			Pin			Outboard Roller		Approximate Weight lbs./ft.		
Regular Series	Electro-Conductive Series			W	T	H	D	L ₁	L ₂	L ₃	D _s	H _s	Carbon steel chain with plastic outboard roller	Plastic roller chain with plastic outboard roller	Carbon steel chain with steel outboard roller		
C2040-PSR	C2040-PSRE	1.00	.312	.312	.060	.472	.156	.380	.705	.760	.625	.307	.44	-	.69		
C2050-PSR	C2050-PSRE	1.25	.400	.375	.080	.591	.200	.469	.850	.913	.750	.370	.69	-	1.03		
C2060H-PSR	C2060H-PSRE	1.50	.469	.500	.125	.677	.234	.667	1.167	1.262	.875	.496	1.21	-	1.72		
C2080H-PSR	C2080H-PSRE	2.00	.625	.625	.156	.906	.312	.825	1.443	1.561	1.125	.622	2.10	-	2.89		
C2100H-PSR	-	2.50	.750	.750	.187	1.126	.375	.965	1.740	1.862	1.563	.748	3.21	-	4.70		
C2042-PSR	C2042-PSRE	1.00	.625	.312	.060	.472	.156	.380	.909	.965	.906	.512	.83	.60	-		
C2052-PSR	C2052-PSRE	1.25	.750	.375	.080	.591	.200	.469	.996	1.063	1.063	.512	1.14	.83	-		
C2062H-PSR	C2062H-PSRE	1.50	.875	.500	.125	.677	.234	.667	1.167	1.262	1.181	.496	1.77	1.30	-		

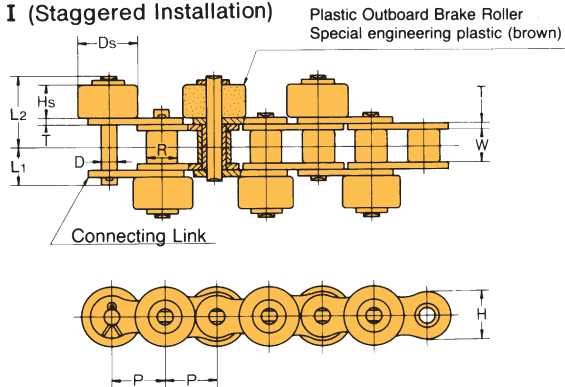
Note: 1. Weights listed are for staggered outboard roller installation at every link, or crosswise outboard roller installation at every second link.
2. Cottered type connecting links will be provided.

U.S. TSUBAKI FREE FLOW CHAIN

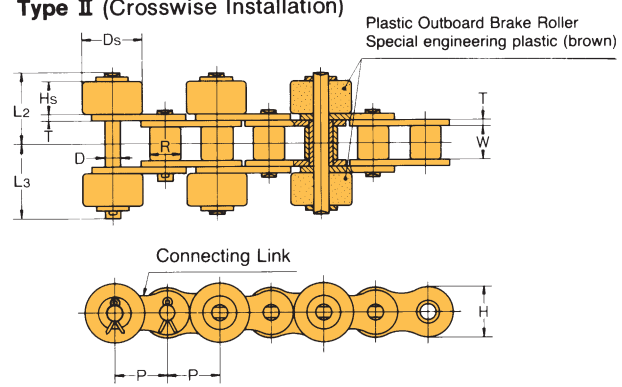
Regular and electro-conductive series with brake

RS Type

Type I (Staggered Installation)



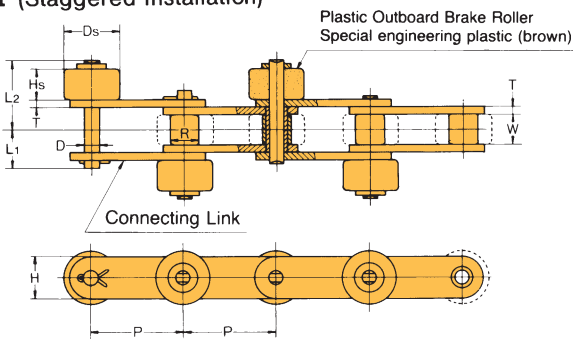
Type II (Crosswise Installation)



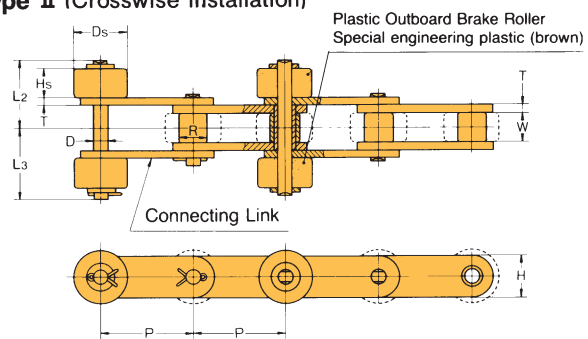
Double Pitch Type

The diagram shows the standard "S" roller (roller at chain center) drawn in solid lines and the oversize "R" roller in dotted lines.

Type I (Staggered Installation)



Type II (Crosswise Installation)



RS Type

U.S. TSUBAKI Chain No.	Pitch P	Roller Diameter R	Width Between Roller Link Plates W	Link Plate			Pin			Outboard Roller		Approximate Weight lbs./ft.	
				T	H	D	L ₁	L ₂	L ₃	D _s	H _s	Plastic Outboard Roller	Steel Outboard Roller
RS40-PSR	.500	.312	.312	.060	.472	.156	.380	.705	.760	.625	.307	.63	1.12
RS50-PSR	.625	.400	.375	.080	.591	.200	.469	.850	.913	.750	.370	.95	1.63
RS60-PSR	.750	.469	.500	.094	.713	.234	.600	1.100	1.195	.875	.469	1.42	2.44

- Note: 1. Weights listed are for staggered outboard roller installation at every link, or crosswise outboard roller installation at every second link.
 2. For staggered outboard roller installation, the plastic brake rollers are spaced every third link alternating right side and left side. For crosswise outboard roller installation, they are spaced in pairs every sixth link. These configurations are standard.

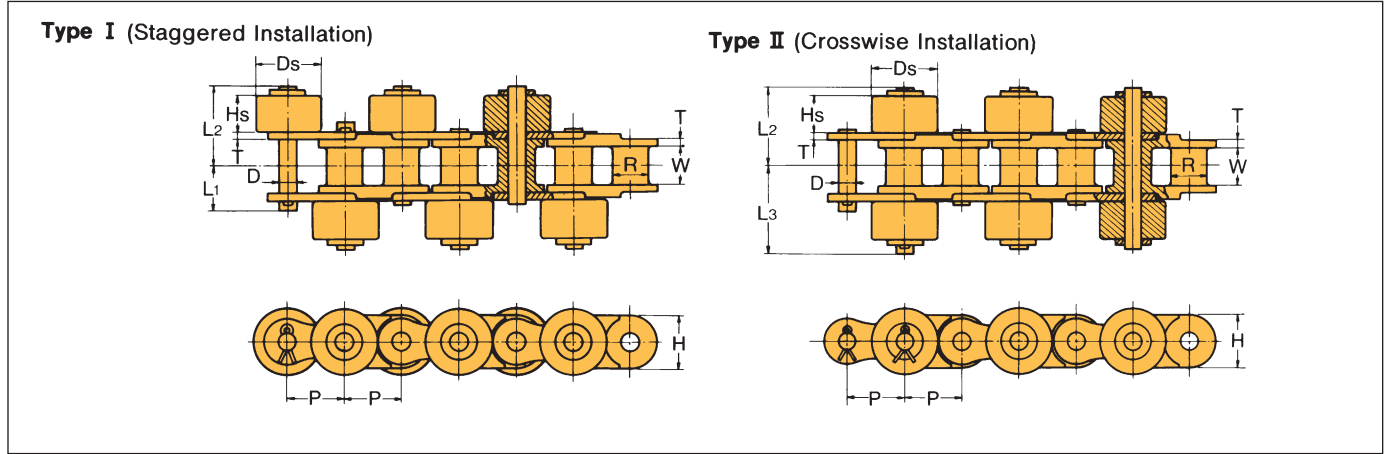
Double Pitch Type

U.S. TSUBAKI Chain No.	Pitch P	Roller Diameter R	Width Between Roller Link Plates W	Link Plate			Pin			Outboard Roller		Approximate Weight lbs./ft.		
				T	H	D	L ₁	L ₂	L ₃	D _s	H _s	Carbon steel chain with plastic out- board roller	Plastic roller chain with plastic out- board roller	Carbon steel chain with steel out- board roller
C2040-PSR	1.000	.312	.312	.060	.472	.156	.380	.705	.780	.625	.307	.44	—	.69
C2050-PSR	1.250	.400	.375	.080	.591	.200	.469	.850	.913	.750	.370	.69	—	1.03
C2060H-PSR	1.500	.469	.500	.125	.677	.234	.667	1.167	1.262	.875	.496	1.21	—	1.72
C2042-PSR	1.000	.625	.312	.060	.472	.156	.380	.909	.965	.906	.512	.83	.60	—
C2052-PSR	1.250	.750	.375	.080	.591	.200	.469	.996	1.063	1.063	.512	1.14	.83	—
C2062H-PSR	1.500	.875	.500	.125	.677	.234	.667	1.167	1.261	1.181	.496	1.77	1.30	—

- Note: 1. Weights listed are for staggered outboard roller installation at every link, or crosswise outboard roller installation at every second link.
 2. For staggered outboard roller installation, the plastic brake rollers are spaced every third link alternating right side and left side. For crosswise outboard roller installation, they are spaced in pairs every sixth link. These configurations are standard.

■ Poly-Steel Series

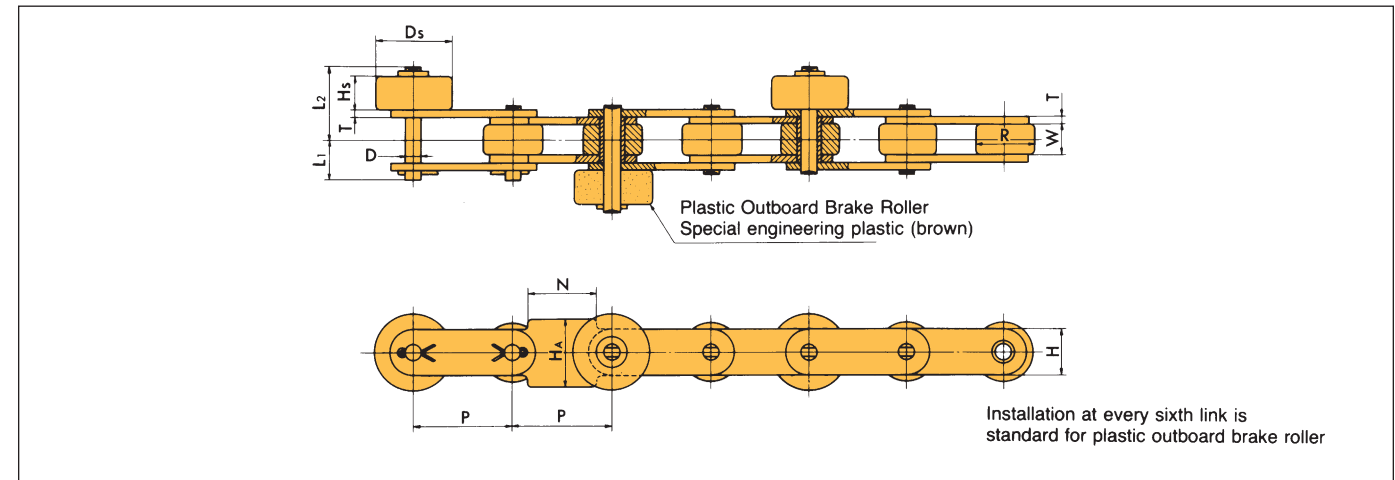
This is a light-weight, low-noise chain. In addition, it is maintenance free since no lubrication is required. Outboard roller construction makes for a highly compact conveyor. The ability to flex backwards adds to this by allowing easy layout on the return side to save space. All parts are made of stainless steel except the outboard rollers and inner links.



U.S. TSUBAKI Chain No.	Pitch P	Roller Diameter R	Width Between Roller Link Plates W	Link Plate		Pin			Outboard Roller		Approximate Weight lbs./ft.	
				T	H	D	L ₁	L ₂	L ₃	D _s		H _s
RF40PC-PSR	.500	.312	.312	.060	.472	.156	.380	.705	.760	.625	.307	.46
RF50PC-PSR	.625	.400	.375	.080	.591	.200	.469	.850	.913	.750	.370	.65
RF60PC-PSR	.750	.469	.500	.094	.713	.234	.600	1.100	1.195	.875	.496	.94

■ Guide Attachment Series

The attachment is designed to prevent meandering. Plastic brake rollers can also be installed.



U.S. TSUBAKI Chain No.	Pitch P	Roller Diameter R	Width Between Roller Link Plates W	Link Plate		Pin		Outboard Roller		Guide Attachment		Approximate Weight lbs./ft.		
				H	T	D	L ₁	L ₂	D _s	H _s	N	H _A	Plastic Outboard Roller	Steel Outboard Roller
C2042-SG	1.000	.625	.312	.472	.060	.156	.380	.909	.906	.512	.650	.748	.71	1.15
C2052-SG	1.250	.750	.375	.591	.080	.200	.469	.996	1.063	.512	.787	.945	1.01	1.49
C2062H-SG	1.500	.875	.500	.677	.125	.234	.667	1.167	1.181	.496	1.000	1.063	1.62	2.12