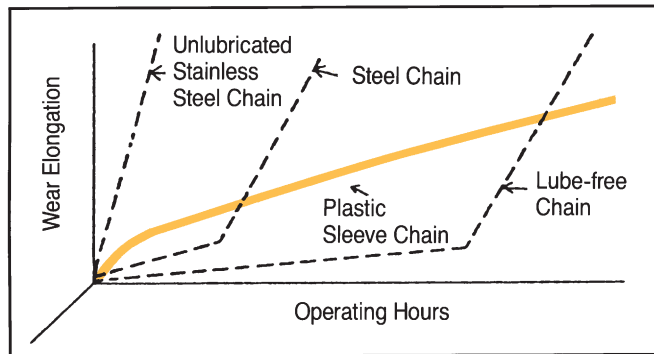
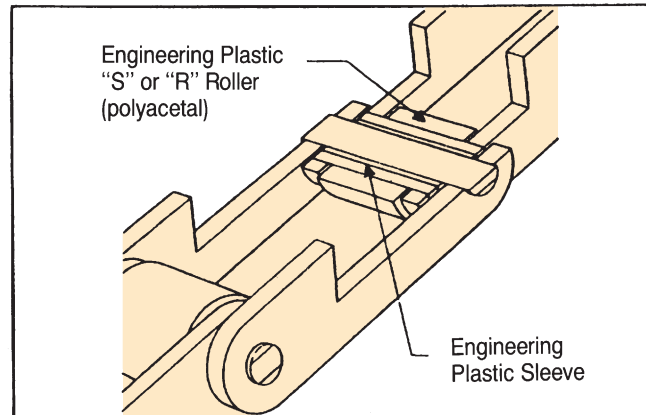


Plastic Sleeve Chain



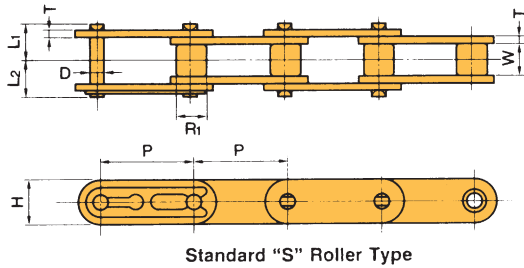
The main characteristic of this chain is that it has an engineering plastic sleeve between the pin and bushing. The engineering plastic roller is also available in combination with the engineering plastic sleeve.

1. The use of self-lubricating engineering plastic sleeves eliminates the need for lubrication.
2. Excellent wear resistance ensures long life.
3. Since no metal dust is generated from contact between the engineering plastic parts and the steel parts, your environment and equipment are kept clean. When using the stainless steel chain series, corrosion resistance is also increased.
4. The use of engineering plastic rollers results in significant weight reduction compared to all stainless steel chain (small "S" roller type: 15% less, oversize "R" roller type: 40% less).
5. With the use of engineering plastic sleeves and rollers, quiet operation is ensured ($7 \sim 10 d_B$ lower than stainless steel chain).
6. RS40, RS50 and RS60 with plastic sleeves are available upon request. Contact U.S. Tsubaki for details.

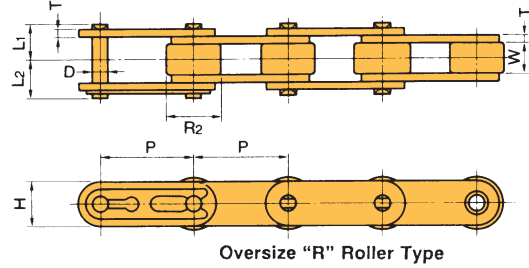


Standard Series : Engineering plastic roller and sleeve, other components steel.

Stainless Steel Series : Engineering plastic roller and sleeve, other components 304 stainless steel.



Standard "S" Roller Type



Oversize "R" Roller Type

U.S. TSUBAKI		Chain Pitch	Width Between Inner Link Plates	Roller Diameter		Link Plate		Maximum Allowable Tension lbs.	Allowable Roller Load lbs./roller		Approx. Weight lbs./ft.	
				"S" Roller	"R" Roller	Width	Thickness		Plastic "R" Roller	Plastic "S" Roller	Plastic "R" Roller	Plastic "S" Roller
Base Chain No.		P	W	R ₁	R ₂	H	T					
CS2040	CS2042(D)	1.000	.312	.312	.625	.472	.060	100	44	4	.336	.296
CS2050	CS2052(D)	1.250	.375	.400	.750	.591	.080	154	66	7	.544	.511
CS2060	CS2062(D)	1.500	.500	.469	.875	.677	.125	231	110	11	.974	.914

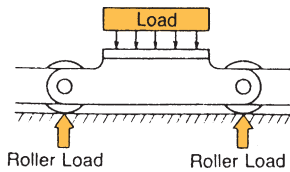
Note: 1. Attachment chains are also available. 2. Stainless Steel chain is also available.
3. Dimensions of chains and attachments are the same as those for standard double pitch chains.

1. Allowable Roller Load

Allowable load that can be supported by one roller (without lubrication):

Table 1 Allowable Roller Load

Chain size	lbs./roller	
	Plastic "R" Roller	Plastic "S" Roller
CS2040	44	4
CS2050	66	7
CS2060	110	11



2. Coefficient of rolling friction between chain and guide (without lubrication):

Table 2 Coefficient of Rolling Friction

Roller Type	Coefficient of Friction
Plastic "R" Roller	.08
Plastic "S" Roller	.12

3. Maximum Chain Speed: less than 230 ft./min.
4. Ambient Temperature Range: -14°F ~ 176°F
5. When the chain will be exposed to chemicals, please consult U.S. Tsubaki.

Model Identification

