



Chain
1YGP6



Connecting Link
1YJH1



Offset Link
1YJH2

Chain Number	Pitch	Overall Length	Working Load Limit	Tensile Strength	Brand	CHAIN		CONNECTING LINKS		OFFSET LINKS	
						Item No.	Pkg. Qty.	Item No.	Pkg. Qty.	Item No.	Pkg. Qty.
Stainless Steel											
25	¼ in	10 ft	26 lb	—	Tsubaki	1YGP4	1	1YJF9	5	1YJG1	5
35	⅜ in	10 ft	60 lb	—	Tsubaki	1YGP7	1	1YJJ9	5	1YJK1	5
40	½ in	10 ft	100 lb	1,865 lbf	Dayton	2YDZ5	1	—	—	—	—
40	½ in	10 ft	99 lb	—	Tsubaki	6L076	1	6L094	5	6L085	5
40	½ in	10 ft	—	2,700 lbf	Tritan	42MK47	1	42ML25	1	42ML73	1
50	⅝ in	10 ft	152 lb	2,943 lbf	Dayton	2YDZ6	1	—	—	—	—
50	⅝ in	10 ft	154 lb	—	Tsubaki	6L077	1	6L095	5	6L086	5
50	⅝ in	10 ft	—	4,300 lbf	Tritan	42MK51	1	42ML27	1	42ML75	1
60	¾ in	10 ft	230 lb	4,224 lbf	Dayton	2YDZ7	1	—	—	—	—
60	¾ in	10 ft	231 lb	—	Tsubaki	6L078	1	6L096	5	6L087	5
80	1 in	10 ft	397 lb	—	Tsubaki	1YGT9	1	1YKW9	1	1YKX1	1
80	1 in	10 ft	—	11,000 lbf	Tritan	42MK54	1	42ML29	1	42MK87	1
Coated Steel											
35	⅜ in	10 ft	480 lb	2,530 lbf	Tsubaki	1YGP6	1	1YJH1	5	1YJH2	5
40	½ in	10 ft	810 lb	4,290 lbf	Tsubaki	1YGR2	1	1YJP2	5	1YJP3	5
50	⅝ in	10 ft	1,430 lb	7,050 lbf	Tsubaki	1YGR6	1	1YJ26	5	1YJ27	5
60	¾ in	10 ft	1,980 lb	9,920 lbf	Tsubaki	1YGT1	1	1YKG6	5	1YKG7	5
Nickel-Plated Steel											
40	½ in	10 ft	648 lb	2,481 lbf	Dayton	2YDZ2	1	2YDZ8	5	2YEA2	5
40	½ in	10 ft	660 lb	4,250 lbf	Tsubaki	6L073	1	6L091	5	6L082	5
50	⅝ in	10 ft	1,140 lb	7,050 lbf	Tsubaki	6L074	1	6L092	5	6L083	5
50	⅝ in	10 ft	1,144 lb	4,880 lbf	Dayton	2YDZ3	1	2YDZ9	5	2YEA3	5
60	¾ in	10 ft	1,630 lb	9,900 lbf	Tsubaki	6L075	1	6L093	5	6L084	5
60	¾ in	10 ft	1,584 lb	7,030 lbf	Dayton	2YDZ4	1	2YEA1	5	2YEA4	5

Corrosion-Resistant Roller Chain and Individual Links

These single-strand roller chains have several material options depending on the needs of the application. Each 10-ft. length includes one connecting link.

Stainless Steel—Less strength than standard roller chains and suitable for light duty applications that require all stainless steel equipment such as food processing plants.

Coated Steel—Material has a surface treatment that withstands harsh outdoor environments such as exposure to seawater. They are stronger than stainless steel and offer more corrosion-resistance than nickel-plated chains.

Nickel-Plated Steel—Withstands mildly corrosive environments. Stronger than stainless steel chains and suitable in humid locations or for operations that require washdown.



A-1

D-1

D-3

K-1



SA-1

SK-1

WA-1

WK-1



Chain Attachment Links

Carbon steel links

Fixtures can be mounted to attachments for smoother transfer. Sold in pkg. of 5, except single-pitch size 80. Spring clips standard on sizes 35 to 60. Cotter pins standard on size 80. Additional styles and sizes are available on Grainger.com.

ANSI Chain Size	A-1 Item No.	D-1 Item No.	D-3 Item No.	K-1 Item No.	SA-1 Item No.	SK-1 Item No.	WA-1 Item No.	WK-1 Item No.
35	1YJG3	1YJG6	1YJG7	1YJG9	1YJH4	1YJH6	1YJH7	—
40	1YJK3	1YJK6	1YJK7	1YJL4	1YJP6	1YJP8	1YJR1	1YJR2
41	1YJV9	—	—	1YJW2	1YJW4	1YJW6	—	—
50	1YJW8	1YJX2	1YJX3	1YJX9	1YKA3	1YKA5	1YKA6	1YKA7
60	1YKD8	1YKE3	1YKE4	1YKE9	1YKH2	1YKH4	1YKH5	1YKH6
80	1YKN7	1YKP2	1YKP3	1YKP6	1YKT4	1YKT6	1YKT8	1YKT9



Chain Breaker
1A911



Chain Puller
5TZL3



1YGR1



Hollow-Pin Roller Chains

- Carbon steel
- Length: 10 ft.

These ANSI standard roller chains provide a more precise and controlled drive system over belts because they will not slip or wear. Feature connecting pins with a hollow center that allow cross rods and attachments to be inserted through the pins and moved as needed without disassembling the chain. Must be matched with a compatible ANSI/ASME sprocket. Include a connecting link.

Chain Number	Pitch	Tensile Strength	Item No.
40	1/2 in	2,430 lbf	1YGR1
50	5/8 in	4,410 lbf	1YGR5
60	3/4 in	5,950 lbf	1YGR9
80	1 in	10,800 lbf	1YGT5



Roller Chain Tools

Chain Breakers allow you to disassemble the roller chain to add or remove links to the length of chain. **Chain Pullers** can pull the open ends of the roller chain close enough together to ease the insertion of connecting links.

ANSI Size	Brand	Mfr. Model	Item No.
Chain Breakers			
25-60	Tsubaki	D-35	1A911
25-60	Fenner Drives	5810100	38ZD44
35-50	Dayton	2YEH5	2YEH5
60-100	Dayton	2YEH6	2YEH6
60-100	Tsubaki	D-60	1A912
60-100	Fenner Drives	5810200	38ZD45
Chain Pullers			
25-35	Fenner Drives	5800250	54XX39
35-60	Fenner Drives	5800350	5TZL3
40-80	Fenner Drives	5800500	33Z791
80-240	Fenner Drives	5800800	5TZL4