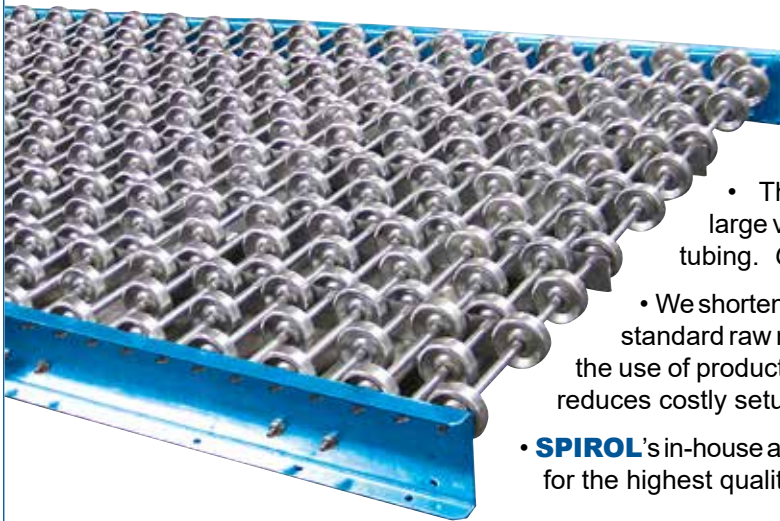


SPIROL®

CONVEYOR SPACERS

Series CS100 Spacers For Gravity Feed or Skate Wheel Conveyors and Conveyor Systems



SPIROL® Conveyor Spacers separate the skate wheel rollers from each other and the conveyor walls.

- The cost of the finished conveyor spacer in this large volume application is considerably less than cutoff tubing. *One net price per 1,000 units.*
- We shorten lead times through standardization of dimensions, standard raw material procurement, no outside processing, and the use of production machinery dedicated to standard sizes. This reduces costly setups and eliminates tooling charges.
- **SPIROL's** in-house application engineers consider your entire assembly for the highest quality at the lowest installed cost.

Standard Material	Standard Finish
G Galvanized Steel	K Plain

Save Money — Reduce component costs. We guarantee the lowest competitive pricing.

Save Time — Cut long lead times. Experience excellent delivery performance.

INCH SPECIFICATIONS

Nominal Bolt Size	ID		OD	Wall Thickness Nominal	Length Range	
	Min.	Max.	Ref.		Greater than or equal to	Less than or equal to
Ø.250	Ø.260	Ø.270	Ø.325	.030	.250	6.000
Ø.312	Ø.322	Ø.334	Ø.400	.036	.250	6.000
Ø.375	Ø.385	Ø.397	Ø.475	.042	.281	6.000

Spacer Length	Length Tolerance	
	Ø.250	Ø.312 Ø.375
Up to 1.500, incl.	±.005	±.010
Over 1.500 to 2, incl.	±.010	±.010
Over 2 to 4, incl.	±.010	±.015
Over 4	±.010	±.015

Intermediate lengths, longer lengths and customized spacers for specific applications available upon request and feasibility review.

Make our Standards your Standards.
Design-in **SPIROL®** Series CS100 Conveyor Spacers for the lowest cost, quick turnaround time, and improved quality.





APPLICATION:

SPIROL was approached by a conveyor manufacturer who was, by cost, driven to use plastic tubing rather than steel spacers. The engineer, however, was concerned about the image the product would have using the plastic tubing when most other conveyor customers use steel. He really did not want to compromise the quality of the assembly or the perceived image of the product.

SOLUTION:

SPIROL's Application Engineers were able to offer a cost-effective alternative to plastic, with the **Series CS100 Spacer**. In addition to being competitively priced with the plastic tubing, SPIROL's standard line offered the customer strength, and by using galvanized material, the lead time was half that of made-to-order lengths of the plastic product.

SPIROL offered 1,000 piece minimum orders priced at the same rate regardless of quantity. This gave the customer flexibility in his ordering patterns.

Overall, the customer was able to maintain the quality of the conveyor assembly while also controlling cost and inventory.

SPIROL's value originated from the roll forming process where parts are fabricated from strip steel with no scrap or shavings. For over 60 years we have made our Engineering Department available to work with you to find the common goal of lowest installed cost.

Complimentary Applications Engineering Support: SPIROL Engineers will *review your application needs* and work with your design team to recommend the best solution.

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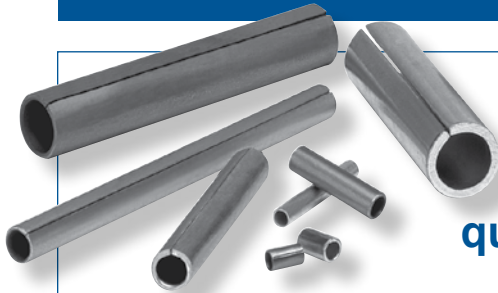
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SPIROL.com

SPIROL®

GARAGE DOOR SPACERS



Design-in **SPIROL's** corrosion-resistant Garage Door Spacers for the lowest cost, quick turnaround time, and improved quality.

SPIROL Standard Galvanized Steel Spacers

- Corrosion-resistant, lightweight and durable, these spacers cost less than cutoff tubing and plated parts.
- We shorten lead times through standardization of dimensions, standard raw material procurement, and the use of production machinery dedicated to standard sizes. This reduces costly setups and eliminates tooling charges.
- SPIROL's in-house application engineers consider your entire assembly for the highest quality at the lowest installed cost.



STANDARD MATERIAL	STANDARD FINISH
G Galvanized Steel	K Plain Oil

INCH SPECIFICATIONS

Nominal Bolt Size	ID		OD	Thickness	Lengths (as produced)							
	Min.	Max.	Ref.									
0.437	0.463	0.483	0.563	0.039, 0.045, 0.071	1.00	1.25	1.50	1.75	2.00	2.50	3.00	

- Refer to **SPIROL Spacers and Tubular Products** catalog to view our wide variety of standard spacer sizes for any of your spacer needs.
- Intermediate lengths, longer lengths and customized spacers for specific applications available upon request and feasibility review.

Save Money —

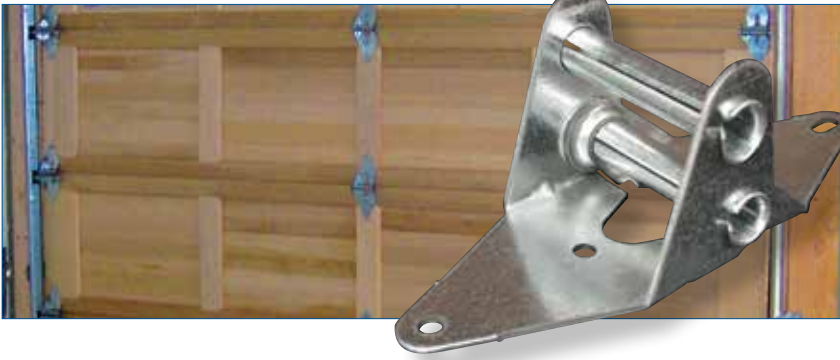
Reduce component costs...
We guarantee the lowest competitive pricing.

Save Time —

Cut long lead times...
Experience excellent delivery performance.

Make our Standards your Standards.
Design-in **SPIROL** Garage Door Spacers





APPLICATION:

An OEM was manufacturing a complete assembly of a garage door hinge. They were using press technology to perform the stamping and another to create the butted seam Spacer. This type of manufacturing allowed a production of these Spacers to reach upwards of 150 pieces per minute. For years this method proved to be sufficient and cost effective, but demands grew higher, and decisions needed to be made. New fixtures and necessary maintenance was proposed at over \$18,000. An additional press was also being investigated to handle the increased volume. Along with the expense of this new machinery, limited floor space was presenting another obstacle.

At the same time, the customer was approached by **SPIROL** to present their standard roll formed Spacers. An application engineering review was opened immediately to determine if our "lowest cost solution" would work.

SOLUTION:

Upon testing and review, the Spacer for this application was one of SPIROL's 30,000 standard-off-the-shelf products. By utilizing our proprietary roll forming technology, over 300 Spacers could be made per minute. This was double the customer's production rate, therefore, the unit price was much lower than their in-house manufactured parts. By switching to our standard Spacers, the customer benefited from readily available stock, extra savings through mass material buys, and no need to invest in capital for the in-house manufacturing of Spacers.

SPIROL's value originated from the roll forming process where parts are fabricated from strip steel with no scrap or shavings. For over 60 years we have made our Engineering Department available to work with you to find the common goal of lowest installed cost.

Complimentary Application Engineering Support!



SPIROL Application Engineers will review your application needs and work with your design team to recommend the best solution. Please visit www.SPIROL.com or scan the QR Code to get started.

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