

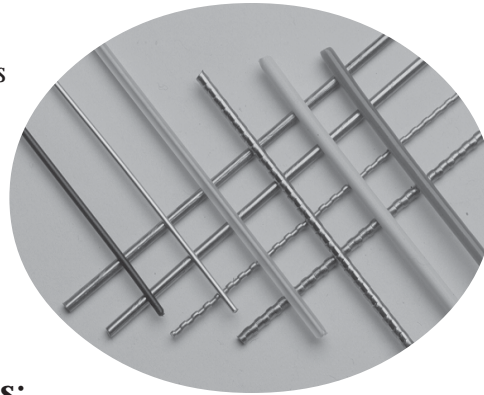
Connecting Pins



Clipper

The connecting pin is a critical component of the splice. Unfortunately, the selection of a connecting pin is often an afterthought. Many users substitute various materials such as welding rod, baling wire, etc. The results can be catastrophic--pin breakage, premature wear of fastener loops, and unscheduled downtime.

Flexco offers a wide selection of Clipper® connecting pins specifically designed to provide long pin life and minimal wear to the fastener loops. Pins are available in pre-cut lengths, coil lengths, Pin Paks™ (convenient 100 ft. dispensing units), or specially fabricated with 'Leaders' or 'J' ends as noted below.

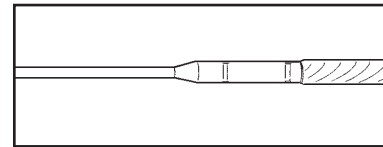


Simple Solutions for Difficult Problems:

Ease Pin Insertion: Inserting connecting pins into a wide belt can be difficult and time consuming, especially with a flexible connecting pin. A 'leader' is a rigid, smaller diameter pin that is attached to the connecting pin to help guide the larger diameter connecting pin through the splice. Depending on the connecting pin that has been chosen, the leader is formed in one of two methods:

Swaged Leader Assemblies

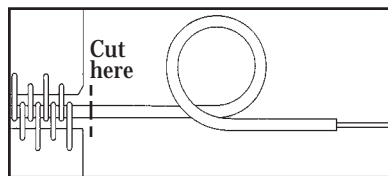
Using the Nylon Plus pin or one of the flexible cables (Nylon Covered Stainless Cable, Bare Stainless Cable, or DuraLink™), a small diameter music wire is swaged onto the connecting pin, forming a leader.



Swaged Leader Assembly

Stripped Leaders

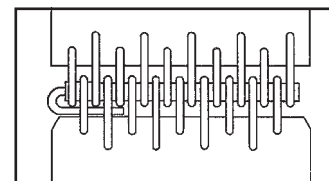
A portion of the nylon coating of the Nylosteel, Nylostainless or DuraStainless™ pins can be stripped off, exposing the solid core. The stripped portion forms a leader. Flexco can provide this service or users can perform this simple function.



Stripped Leader

Leaders are fed through the width of the splice, allowing the connecting pin to be pulled through with ease. The leader is then cut off and discarded.

Avoid Pin Migration and Ease Pin Removal: Stripping 1/2" of the nylon coating and forming a 'J' on the end of a Nylosteel, Nylostainless, or DuraStainless pin allows the pin to lock in the splice. With the pin secured it is not able to migrate out of the splice. In addition, the 'J' end does not allow the pin to spin freely within the splice and focuses the wear on only one side of the pin. To remove, pull the pin until the 'J' end is out of the splice, rotate 90° until the smooth side of the pin is against the fastener loops and then pull the pin out.



'J' End Pin

FLEXCO

Product Focus

Specifications

Pin Sizes (Diameter)	.053" 1.3mm	.065" 1.7mm	.079" 2.0mm	.093" 2.4mm	.109" 2.8mm	.125" 3.2mm	.156" 4.0mm
Hook Sizes	25	25, 36, 1, UX-1, UCM36, 30	1, 2, UX-1, U2	2SP, 2, 3, U2SP - U3, UA2 - UA3	4, U4	4½, 5, U5	6, 7, U6, U7

Pin Characteristics & Materials

Connecting Pin Types	Pin Wear Factor	Hook Wear Factor	Rigidity	Magnetic	Flexibility	Composition	Operating Temperature Range (° F)
Nylosteel	Good	Good	Good	Yes	Good	Nylon & music wire	-40 - + 250
Nylostainless	Good	Good	Good	Slightly	Good	Nylon & 316 SS wire	-40 - + 250
Nylon-Covered Stainless Cable	Good	Good	Fair	Slightly	Excellent	Nylon & 316 SS cable	-40 - + 250
Nylon Plus	Good	Excellent	Fair	No	Excellent	Nylon	-40 - + 370
Music Wire	Good	Poor	Excellent	Yes	Good	High-carbon spring-tempered steel	-40 - + 300
Steel	Average	Fair	Excellent	Yes	Fair to Poor	Mild cold-rolled steel	-40 - + 300
Stainless Steel	Average	Fair	Excellent	Slightly	Fair to Poor	302 or 316 SS	-40 - + 300
Duralink™	Excellent	Excellent	Fair	Slightly	Excellent	Wear-resistant nylon & 316 SS cable	-40 - + 250
Durastainless™	Excellent	Excellent	Good	Slightly	Good	Wear-resistant nylon & 316 SS spring wire	-40 - + 250
Bare Stainless Cable	Good	Good	Fair	Slightly	Excellent	316 SS cable	-40 - + 300

Ordering Information

'J' end pins, leader assemblies, and stripped leaders are all custom fabricated for the order. Contact Customer Service for ordering details.

Pin Material	Item Code	Pin Diameter							
		.053" 1.3mm	.054" 1.4mm	.065" 1.7mm	.079" 2.0mm	.093" 2.4mm	.109" 2.8mm	.125" 3.2mm	.156" 4.0mm
Nylosteel	Pin Pak Coil	18700 02594	N/A	02598 02597	18720 02595	02628 02627	02622 02621	02614 02613	02607 02606
Nylostainless	Pin Pak Coil	18701 02645	N/A	02649 02648	18721 02646	02670 02669	02664 02663	02658 02657	02652 02651
Nylon-Covered SS Cable	Pin Pak Coil	N/A	N/A	02751 02750	N/A	02767 02766	N/A	02762 02761	02756 02755
Duralink	Pin Pak Coil	N/A	N/A	02726 02725	N/A	02743 02742	02737 02736	02732 02731	N/A
DuraStainless	Pin Pak Coil	N/A	N/A	02826 02727	N/A	02830 02744	02834 02738	N/A	N/A
Smooth Steel	Pin Pak Coil	N/A	N/A 02771	N/A	N/A	N/A 02773	N/A	N/A	N/A
Notched Steel	Pin Pak Coil	N/A	N/A 02775	N/A	N/A	N/A 02777	N/A	N/A	N/A
Smooth SS	Pin Pak Coil	N/A	N/A 02779	N/A	N/A	N/A 02781	N/A	N/A	N/A
Notched SS	Pin Pak Coil	N/A	N/A 02783	N/A	N/A	N/A 02784	N/A	N/A	N/A
Bare Stainless Cable	Pin Pak Coil	N/A	N/A	N/A 02779	N/A	N/A 02781	N/A	N/A	N/A
Nylon Plus	Pin Pak Coil	02863 02868	N/A	02854 02853	02872 02869	02867 02866	02861 02860	02864 02870	02873 02871

Pin Pak™ contains a 100-foot coil of pin material in a convenient dispensing package.



Distributed by:

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