

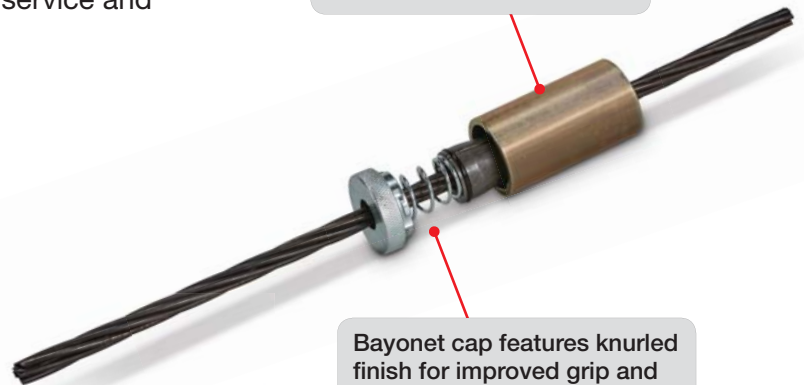
Pre-Tensioning Components

The SURE-LOCK® pre-tensioning components by **Precision-Hayes International** are a proven solution for customers who work on pre-cast and pre-tensioning applications. Unlike post-tensioning components that are typically only used once, these pre-tensioning components are designed for repetitive use. They are fully serviceable allowing them to stay in use for many casting cycles.

Pre-tensioning components are available separately or as sets, providing easy ordering, economical service and repair over the life of the product.

Engineered plating reduces corrosion and extends chuck life.

Bayonet cap features knurled finish for improved grip and easy operation.



Pre-Tensioning Components



SURE-LOCK® pre-tensioning chucks and wedge assemblies are used by precast yards to produce poles, slabs, walls, segments, T sections, beams and girders used in all types of construction. In the image shown, concrete slabs are about to be cast.



Precast/Pre-tensioned beams are erected for a new highway overpass site. Pre-tensioning allows for rapid construction of long spans required by transportation infrastructure.



Pre-tensioned girders have been erected on cast-in-place bents. Cast-in-place bents are frequently post-tensioned. SURE-LOCK® products support both the precast and cast-in-place construction methods.

SURE-LOCK® Pre-Tensioning Components

High Quality, Durability and Reliability



SURE-LOCK® Reusable Strand Chucks

Normally used at the Stressing End of a bed.

- Includes cap, spring, wedge and body
- Easy disassembly for cleaning and inspection
- Bayonet cap features knurled finish for improved grip and easy operation
- Replacement parts available

SURE-LOCK® Reusable Splice Chucks

Two lengths of strand can be connected while maintaining the strength of a continuous length.

- Safely connects two strand sections

SURE-LOCK® Reusable Anchor Chucks

Often used on the Fixed End of a bed, these chucks are very economical with few components.

- Open chuck design
- Simple and easy to use



Accessories

A complete line of accessory components for wedge and anchor maintenance, such as cleaning brushes and wedge setters, are available.



Pages: 34-35

SURE-LOCK®

Chucks and Wedges

Trusted and recognized, SURE-LOCK® chucks and wedges are available for post-tensioning applications.



Pages: 6-7

Reusable Products Maintenance

Routine maintenance and inspection are required for optimal lifetime.

Check our maintenance manual for more details.



◀ SURE-LOCK® pre-tension and post-tension anchorage components have been used to erect this elevated freeway.

SURE-LOCK® Pre-Tensioning Components



▲ Reusable splice chuck components

Pre-Tensioning Components



Strand Sizes:

5 mm to 0.60 inch

Wedge Types:

2-part and 3-part

Coating Types:

**Body: Yellow Zinc
Cap: Clear Zinc**

▼ Reusable Strand Chucks

Strand Size	Item Number	Description	Wedge Assembly*	Retaining Ring	Body	Cap	Spring	Weight (lbs)
5 mm	H008539	F1197 Strand Chuck Assembly	F197J	F1R	F1B	F1C	F1S	1.0
0.25"	H008540	F1250 Strand Chuck Assembly	F250J					
0.3125"	H008542	F1312 Strand Chuck Assembly	F312J					
0.375"	H008544	F1375 Strand Chuck Assembly	F375J	F2R	F2B	F2C	F2S	2.0
0.4375"	H008545	F1437 Strand Chuck Assembly	F437J					
0.50"	H008546	F1500EL Strand Chuck Assembly	F500JEL	F2R	F2B	F2C	F2S-EL	2.0
0.5625"	H008547	F1562 Strand Chuck Assembly	F562J	F3R	F3B	F3C	F3S	2.6
0.60"	H008548	F1600 Strand Chuck Assembly	F600J					

* All wedge assemblies include o-ring retainer to reduce lost pieces and ease assembly.

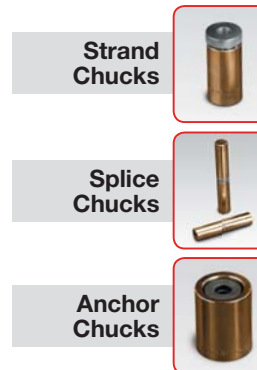
▼ Reusable Splice Chucks

Strand Size	Item Number	Description	Wedge Assembly*	Coupling	Body	Back Plate	Spring	Weight (lbs)
0.375"	H008573	F4375 Splice Chuck Assembly	F375J	F2CP	F10B	F2BP	F7S	4.0
0.4375"	H008574	F4437 Splice Chuck Assembly	F437J					
0.50"	H008575	F4500EL Splice Chuck Assembly	F500JEL	F2CP	F10B	F2BP	F7S	4.0
0.5625"	H008580	F4562 Splice Chuck Assembly	F562J	F3CP	F11B	F3BP	F3S	6.0
0.60"	H008578	F4600 Splice Chuck Assembly	F600J					

* All wedge assemblies include o-ring retainer to reduce lost pieces and ease assembly.

▼ Reusable Anchor Chucks

Strand Size	Item Number	Description	Wedge Assembly*	Retaining Ring	Body
5 mm	H008551	F2197 Anchor Chuck Assembly	F197J	F1R	F4B
0.25"	H008552	F2250 Anchor Chuck Assembly	F250J		
0.3125"	H008554	F2312 Anchor Chuck Assembly	F312J		
0.375"	H008556	F2375 Anchor Chuck Assembly	F375J	F2R	F5B
0.4375"	H008558	F2437 Anchor Chuck Assembly	F437J		
0.50"	H008559	F2500EL Anchor Chuck Assembly	F500JEL	F3R	F6B
0.5625"	H008562	F2562 Anchor Chuck Assembly	F562J		
0.60"	H008560	F2600 Anchor Chuck Assembly	F600J		



* All wedge assemblies include o-ring retainer to reduce lost pieces and ease assembly.