



Reusable Pre-Tensioning System

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GTI designs and supplies the most advanced and reliable Reusable Pre-Tensioning System in today's market. The **GTI Reusable Pre-Tensioning System** is a proven method of providing reusable anchoring devices for a variety of construction applications including:

- Precast Plants
- Ground Anchor and Tie-Back Systems
- Heavy Lifting
- Post-Tensioning

GTI Reusable Pre-Tensioning System components are a proven solution for customers working 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.

The **GTI Reusable Pre-Tensioning System** is available in strand sizes from 5mm to 0.62" (15.7mm). All parts are designed to be used with a variety of customer's materials and equipment. The system is user friendly and intuitively simple allowing for maximum flexibility. Pre-tensioning components are available separately or as sets, providing easy ordering, economical service and repair over the life of the product.



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



Internationally Recognized
Technically Advanced
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GTI Reusable Anchor Chucks

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

- Open chuck design
- Simple and easy to use



Strand	P/N	Description	Jaw Assembly	O-Ring	Body
5mm	202601	GTI RU ANCHOR CHUCK ASSEMBLY, 5MM STRAND	202501	202521	202551
1/4" (6.4mm)	202611	GTI RU ANCHOR CHUCK ASSEMBLY, 1/4 STRAND	202502	202521	202551
5/16" (7.9mm)	202621	GTI RU ANCHOR CHUCK ASSEMBLY, 5/16 STRAND	202503	202521	202551
3/8" (9.5mm)	202631	GTI RU ANCHOR CHUCK ASSEMBLY, 3/8 STRAND	202504	202522	202552
7/16" (11.1mm)	202641	GTI RU ANCHOR CHUCK ASSEMBLY, 7/16 STRAND	202505	202522	202552
1/2" (12.7mm)	202651	GTI RU ANCHOR CHUCK ASSEMBLY, 1/2 STRAND	202506	202522	202552
9/16" (14.3mm)	202661	GTI RU ANCHOR CHUCK ASSEMBLY, 9/16 STRAND	202511	202523	202553
0.6" (15.2mm)	202671	GTI RU ANCHOR CHUCK ASSEMBLY, .6 STRAND	202512	202523	202553
0.6" (15.2mm) Epoxy	202681	GTI RU ANCHOR CHUCK ASSEMBLY, .6 STRAND EPOXY, 2.375 JAW	202514	202523	202553
0.62" (15.7mm) *	202671	GTI RU ANCHOR CHUCK ASSEMBLY, .6 STRAND*	202512	202523	202553
0.7"	202691	GTI RU ANCHOR CHUCK ASSEMBLY, .7 STRAND	202515	202523	202553

* 0.62" (15.7mm) Strand Components are the same as 0.6" (15.2mm) Strand Components

GTI 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



Strand	P/N	Description	Jaw Assembly	O-Ring	Spring	Body	Cap
5mm	202602	GTI RU STRAND CHUCK ASSEMBLY, 5MM STRAND	202501	202521	202531	202561	202571
1/4" (6.4mm)	202612	GTI RU STRAND CHUCK ASSEMBLY, 1/4 STRAND	202502	202521	202531	202561	202571
5/16" (7.9mm)	202622	GTI RU STRAND CHUCK ASSEMBLY, 5/16 STRAND	202503	202521	202531	202561	202571
3/8" (9.5mm)	202632	GTI RU STRAND CHUCK ASSEMBLY, 3/8 STRAND	202504	202522	202532	202562	202572
7/16" (11.1mm)	202642	GTI RU STRAND CHUCK ASSEMBLY, 7/16 STRAND	202505	202522	202532	202562	202572
1/2" (12.7mm)	202652	GTI RU STRAND CHUCK ASSEMBLY, 1/2 STRAND	202506	202522	232351	202562	202572
1/2" (12.7mm) Epoxy	202657	GTI RU STRAND CHUCK ASSEMBLY, 1/2 STRAND, EPOXY	202507	202524	202533	202563	202573
9/16" (14.3mm)	202662	GTI RU STRAND CHUCK ASSEMBLY, 9/16 STRAND	202511	202523	202533	202563	202573
0.60" (15.2mm)	202672	GTI RU STRAND CHUCK ASSEMBLY, .6 STRAND	202512	202523	202533	202563	202573
0.60" (15.2mm) Epoxy	202682	GTI RU STRAND CHUCK ASSEMBLY, .6 STRAND, EPOXY, 2.375 JAW	202514	202523	202533	202563	202573
0.62" (15.7mm) *	202672	GTI RU STRAND CHUCK ASSEMBLY, .6 STRAND *	202512	202523	202533	202563	202573

* 0.62" (15.7mm) Strand Components are the same as 0.6" (15.2mm) Strand Components

GTI Reusable Splice Chucks

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

- Safely connects two strand sections



Strand	P/N	Description	Jaw Assembly	O-Ring	Spring	Spring Retainer	Body	Connector
3/8" (9.5mm)	202633	GTI RU SPLICE CHUCK ASSEMBLY, 3/8 STRAND	202504	202522	202537	202542	202582	202592
7/16" (11.1mm)	202643	GTI RU SPLICE CHUCK ASSEMBLY, 7/16 STRAND	202505	202522	202537	202542	202582	202592
1/2" (12.7mm)	202653	GTI RU SPLICE CHUCK ASSEMBLY, 1/2 STRAND	202506	202522	202537	202542	202582	202592
9/16" (14.3mm)	202663	GTI RU SPLICE CHUCK ASSEMBLY, 9/16 STRAND	202511	202523	202533	202543	202583	202593
0.60" (15.2mm)	202673	GTI RU SPLICE CHUCK ASSEMBLY, .6 STRAND	202512	202523	202533	202543	202583	202593
0.62" (15.7mm) *	202673	GTI RU SPLICE CHUCK ASSEMBLY, .6 STRAND*	202512	202523	202533	202543	202583	202593

* 0.62" (15.7mm) Strand Components are the same as 0.6" (15.2mm) Strand Components

Please contact GTI Technical Representatives at sales@gti-usa.net for more information.

See www.gti-usa.net/patents.shtml for a listing of many of the patents licensed to GTI, including patents that may cover one or more of the products identified.

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