

Form Ties North America

## Sleeve it to believe it!

Taking advantage of the DYWIDAG THREADBAR with NEW Taper Sleeve Tie  
White Rock, B.C., Canada



The nine story residential development overlooking Vancouver Bay is an impressive job site. While using traditional wood forms the subcontractor "Best Choice Construction" chose to innovate if not revolutionize the form tie system used on this project.

Steel taper ties are usually machined out of cold drawn solid bar with continuous threads. The new taper sleeve system is a two piece tie where a thin, reusable tapered steel sleeve is threaded onto the hot-rolled DYWIDAG



THREADBAR. This way the full benefits of the DYWIDAG THREADBAR become available to the tie system for the first time: self-cleaning, rugged, durable and fast threads at a guaranteed unsurpassed capacity of 44,000 lbs ultimate strength for a 5/8" tie.

Stripping ties is most demanding on the material and depending on how skilled the concrete placer is, taper ties suffer damages during this phase.

Stripping and reusing means ties need to be serviced, cleaned, repaired and sorted. Some ties will be scrapped depending on wear and tear. The rugged and durable DYWIDAG thread reduces this service and cleaning work to a minimum, compared to traditional steel ties. In addition, the sleeve system allows to replace the tension member (i.e. the threadbar) at very low cost and to recycle the sleeve or the other way around. Lastly, instead of stocking an entire range of different length taper ties, the sleeve can be positioned on different lengths of bar as the project requires and thus significantly reduces the stock requirement and capital outlay for the contractor.

The taper sleeve tie is a perfect example of innovation being introduced from the contractors point of view. Real practical concerns were addressed in the design, but the key to the solution was overcoming manufacturing constraints. To master this challenge took persistence and years of development, but once again it shows that vision and determination are what drives real progress.

We believe the taper sleeve will not replace but complement the taper tie market as well as show more people the construction advantages of using DYWIDAG form ties – the gold standard in heavy form ties.



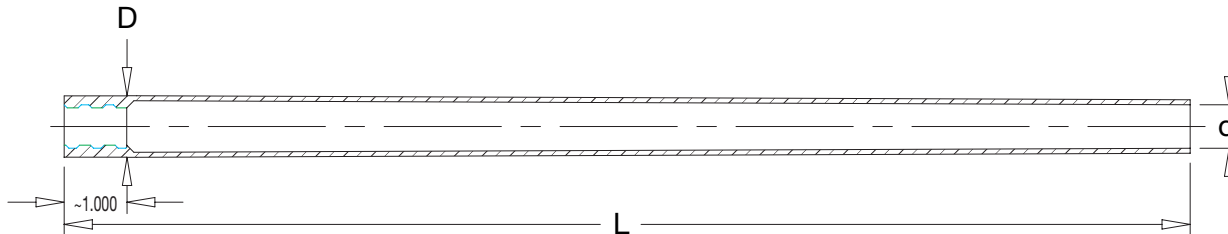
New Product Introduction

# Taper Sleeve Tie



## ► Features

The taper sleeve is a tapered steel tube. One end of the sleeve is internally threaded for the DYWIDAG-THREADBAR®. The patented manufacturing process produces a smooth and durable outside finish as well as an internal thread that ensures fast stripping and tie removal. The sleeve is designed to be reusable many times over while replacing the DYWIDAG-THREADBAR to ensure a full factor of safety on every lift.



## ► Benefits

## DYWIDAG-Form Ties



- Fits DYWIDAG THREADBAR (5/8" or 7/8" gr160)
- Takes full advantage of proven DYWIDAG-THREADBAR: fast, rugged, self-cleaning, high-tensile
- Makes a full-load taper tie (the only one on the market!)
- Tensile element (Threadbar) can be easily replaced
- Taper sleeve can be positioned anywhere on Threadbar for added versatility
- A few sleeves make up many tie configurations resulting in inventory reduction
- No hassle: instead of labor intensive cleaning and maintenance, simply replace the high-tension Threadbar.

## ► Sizes

Threadbar size	Hole size	taper length
15mm 5/8"	7/8"	18 inch or 26inch
15mm 5/8"	1"	18 inch or 26inch
20mm 7/8"	1-1/4"	18 inch or 26inch