

# TAPTITE® PRO™ FASTENERS



Here is a partial list of the ways  
TAPTITE® PRO™ screws save on tapping costs.

**TAPTITE® PRO™ screws eliminate tapping.** You save all of these avoidable costs common to assemblies where holes must be tapped for machine screws.

Check Below	Check list of TAPTITE® PRO™ screw savings and advantages	Estimated Savings Per M Fasteners
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**The elimination of tapping saves the cost of:**

- |                          |   |          |
|--------------------------|---|----------|
| <input type="checkbox"/> | Direct labor .....  | \$ _____ |
| <input type="checkbox"/> | Indirect labor .....  | _____    |
| <input type="checkbox"/> | Taps .....  | _____    |
| <input type="checkbox"/> | Jigs and fixtures .....   | _____    |
| <input type="checkbox"/> | Tapping lubricants .....  | _____    |
| <input type="checkbox"/> | Gauges .....  | _____    |
| <input type="checkbox"/> | Setup time of tapping equipment .....   | _____    |
| <input type="checkbox"/> | Downtime on automated equipment due to tapping station malfunction .....                    | _____    |
| <input type="checkbox"/> | Downtime to replace broken or malfunctioning taps .....                                     | _____    |
| <input type="checkbox"/> | Low machine efficiency due to loading, galling and binding of taps in gummy materials ..... | _____    |
| <input type="checkbox"/> | Cleaning away oil and chips .....   | _____    |
| <input type="checkbox"/> | Inspection for class of fit in tapped holes .....   | _____    |
| <input type="checkbox"/> | Loss or repair of tapped assemblies due to undersize or oversize tapped threads .....       | _____    |
| <input type="checkbox"/> | Loss or repair of tapped assemblies due to tap breakage or malfunction .....                | _____    |
| <input type="checkbox"/> | Moving, storage and scheduling of parts to and from the tapping department .....            | _____    |

**The elimination of tapping avoids these costly problems:**

- |                          |  |       |
|--------------------------|--|-------|
| <input type="checkbox"/> | Cross threading of machine screws into pretapped holes .....                                   | _____ |
| <input type="checkbox"/> | Installing machine screws into tapped holes clogged with paint or other foreign material ..... | _____ |
| <input type="checkbox"/> | The need to maintain class of fit on assembled pieces .....                                    | _____ |
| <input type="checkbox"/> | The need to distort heads or threads to secure screw against looseness .....                   | _____ |
| <input type="checkbox"/> | The need for locking type nylon inserts and collars .....                                      | _____ |
| <input type="checkbox"/> | The need for lock nuts and lockwashers .....   | _____ |

**The elimination of tapping makes possible:**

- |                          |  |       |
|--------------------------|--|-------|
| <input type="checkbox"/> | Use of punched or cored holes - eliminates drilling .....  | _____ |
| <input type="checkbox"/> | Use of drilling and tapping stations for other needed operations on multi-operation, automated equipment .....                         | _____ |
| <input type="checkbox"/> | Release of tapping machinery for other tapping requirements - thus avoiding capital expenditure for additional tapping equipment ..... | _____ |
| <input type="checkbox"/> | Threading directly into untapped, less expensive, tubular rivets and inserts .....   | _____ |
| <input type="checkbox"/> | Use in less expensive plain unthreaded weld nuts .....   | _____ |
| <input type="checkbox"/> | Use of punch-extruded holes - eliminates staked weld and clinch nuts .....   | _____ |



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**Originators of the TAPTITE® PRO™ family of TRILOBULAR™ screws.**

## 10-ways TAPTITE® PRO™ screws save over self-threading screws

TAPTITE® PRO™ screws roll-form smooth, high strength mating threads - Reduces chips - Lower, uniform driving torque - Provide expanded stripping-to-driving ratio. You save all of these 10 avoidable costs common to assembly with self-threading screws.

Check Below	Check list of TAPTITE® PRO™ screw savings and advantages	Estimated Savings Per M Fasteners
<input type="checkbox"/>	Eliminates the need for lockwashers and locking devices .....	\$ _____
<input type="checkbox"/>	Eliminates constant changing of driver clutches by providing uniformity of torque and greater range for driver clutch settings .....	_____
<input type="checkbox"/>	Eliminates scrap or repair by eliminating stripping of internal thread in assembled piece thus providing trouble free driving & increased production efficiency .....	_____
<input type="checkbox"/>	Eliminates the need to use thread-cutting screws in pre-tapped holes clogged with paint .....	_____
<input type="checkbox"/>	Reduces chips or burrs that cause short circuits in electrical equipment .....	_____
<input type="checkbox"/>	Reduces cleaning to remove chips and burrs .....	_____
<input type="checkbox"/>	Reduces driver tool cost - lower driving torque means less tool wear .....	_____
<input type="checkbox"/>	Reduces field service costs and problems - maintains full sound threads in the threaded piece even after repeated disassemblies and reassemblies .....	_____
<input type="checkbox"/>	Speeds production - because lower driving torque minimizes operator fatigue - more screws driven per day .....	_____
<input type="checkbox"/>	Minimizes downtime on production line by providing uniform, trouble-free performance .....	_____

## 17-ways TAPTITE® PRO™ screws save over all types of screws

TAPTITE® PRO™ screws form threads and fasten - Quickly, easily, with the highest performance characteristics and the lowest in-place cost, all in one simple operation - Even in large sizes, deep holes and tough materials. You benefit from all these 17 savings unobtainable with other types of screws.

Check Below	Check list of TAPTITE® PRO™ screw savings and advantages	Estimated Savings Per M Fasteners
<input type="checkbox"/>	Eliminates drilling - holes can be cored or punched .....	\$ _____
<input type="checkbox"/>	Eliminates lockwashers and locking devices .....	_____
<input type="checkbox"/>	Fastening is stronger, thus providing higher quality in assembled parts .....	_____
<input type="checkbox"/>	Smaller diameter screws or fewer screws will provide equivalent holding power .....	_____
<input type="checkbox"/>	Can easily be made captive without expensive secondary operations .....	_____
<input type="checkbox"/>	Permits greater use of die castings and other soft materials .....	_____
<input type="checkbox"/>	Permit shallower holes when length of holes is restricted .....	_____
<input type="checkbox"/>	Eliminates continually resetting clutches on automatic drivers by providing uniformity of torque and greater range for driver clutch settings .....	_____
<input type="checkbox"/>	Avoids scrap or repair of assembled piece by eliminating stripping of internal threads .....	_____
<input type="checkbox"/>	Provides lower assembly costs by improving assembly efficiency due to high stripping-to-driving ratio .....	_____
<input type="checkbox"/>	Minimizes production line downtime by providing trouble-free driving .....	_____
<input type="checkbox"/>	Speeds production - because lower driving torque minimizes operator fatigue .....	_____
<input type="checkbox"/>	Minimizes the cost of obtaining U.L. approval of assembly – TAPTITE® screws are approved by Underwriter's Laboratories, Inc. and assigned U.L. code number E37345/64C323 .....	_____
<input type="checkbox"/>	Reduces inventory and purchasing costs by permitting extensive standardization - one TAPTITE® PRO™ screw can replace many other different types of screws .....	_____

### Be sure to include these obvious items:

<input type="checkbox"/>	Direct labor cost of all items saved .....	_____
<input type="checkbox"/>	Indirect labor cost of all items saved .....	_____
<input type="checkbox"/>	Overhead applicable to all items saved .....	_____
<input type="checkbox"/>	Warranty service cost saved .....	_____

\_\_\_\_\_ ← Number of Advantages Gained

Estimated Total Saved → \$ \_\_\_\_\_