

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 → \$ _____