

2023 Q4

# Newrex

NEWSLETTER




Newrex  
2024 Taiwan International  
Fastener Show



Exchange Rate &  
Material Cost  
Report



Newrex  
Special Column



Newrex  
New Order Lead  
Time

2023 Q4

SINCE 1991

# NEWREX

Newsletter

- Newrex 2024 Taiwan International Fastener Show
- Exchange Rate & Material Cost Report
- Newrex Special Column
- Newrex New Order Lead Time

 [WWW.NEWREX.COM.TW](http://WWW.NEWREX.COM.TW)



# TAIWAN

## International Fastener Show



### FASTENER TAIWAN



台灣國際扣件展 **2024/6/5-6/7**

Dear Exhibitors and Visitors,

We sincerely appreciate your continuous support for the Taiwan International Fastener Show (referred to as "Fastener Taiwan"). We would like to inform you that the scheduled dates for next year's Fastener Taiwan have been adjusted to **June 5<sup>th</sup> to June 7<sup>th</sup>, 2024**. We remain committed to providing a high-quality exhibition environment and enriching events, aiming to create a mutually beneficial platform for global exhibitors and professional visitors.

If you have any questions or require further information, please do not hesitate to contact our team. We look forward to seeing you at Fastener Taiwan 2024.

Best regards,

Fastener Taiwan Organizing Team  
E-mail: [fastener@taitra.org.tw](mailto:fastener@taitra.org.tw)

## 2024 TAIWAN FASTENER SHOW

We would like to inform you that scheduled dates for **2024 Taiwan Fastener Show** have been adjusted to **June 5th to 7th**.

We will send you an invitation once all the detail have been confirmed, and looking forward to seeing you at Fastener Taiwan 2024.

(From: Taiwan International Fastener Show [Fastener Taiwan 2024 rescheduled to be held from June 5th to June 7th, 2024](#))

# EXCHANGE RATE REPORT

2023 – Q3 (NEW TAIWAN DOLLAR TO U.S. DOLLAR)

The Taiwan dollar was trading at around NT\$32.06 to the US dollar on September 21. The exchange rate decreased 2.47% from July to September.



**PLEASE REFER TO THE BELOW EXCHANGE RATE FLUCTUATION.**



From: Bank of Taiwan - Spot Rate Buying (Monthly Average)



# EXCHANGE RATE REPORT

2023 – Q3 (NEW TAIWAN DOLLAR TO U.S. DOLLAR)

The Taiwan dollar was trading at around NT\$32.06 to the US dollar on September 21. Compared with last quarter, the average price of third quarter decreased 3.13%.

Compared with the same quarter last year, the average price of third quarter decreased 4.15%.

PLEASE REFER TO THE BELOW EXCHANGE RATE FLUCTUATION.



From: Bank of Taiwan - Spot Rate Buying (Monthly Average)



# MATERIAL COST REPORT

## 2023. Q4 (CARBON STEEL)

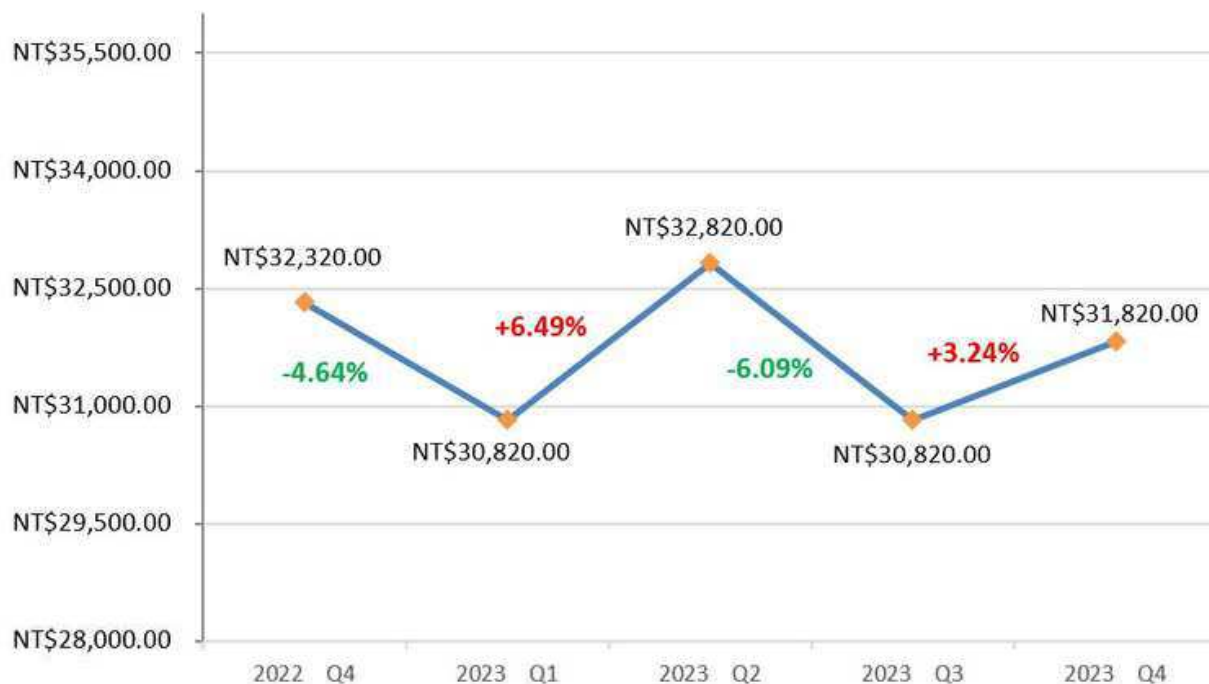
The price of carbon steel of 2023-Q4 is NT\$31,820/TON. The carbon steel price of 2023-Q4 was released on September 14th, and the price increased 3.24%.

Compared with last quarter, the price increased 3.24%.

Compared with the same quarter last year, the price of fourth quarter in 2023 decreased 1.55%.

**PLEASE REFER TO THE BELOW CARBON STEEL FLUCTUATION.**

**Material (Carbon Steel) Cost Report (NTD/TON)  
(2022/Q4 - 2023/Q4)**



From: Bank of Taiwan - Spot Rate Buying (Monthly Average)

# MATERIAL COST REPORT

2023. Q3 (304 STAINLESS STEEL)

The average price of stainless steel in the third quarter, 2023 is NT\$183.67

Compared with last quarter, the average price of fourth quarter increased 0.73%.

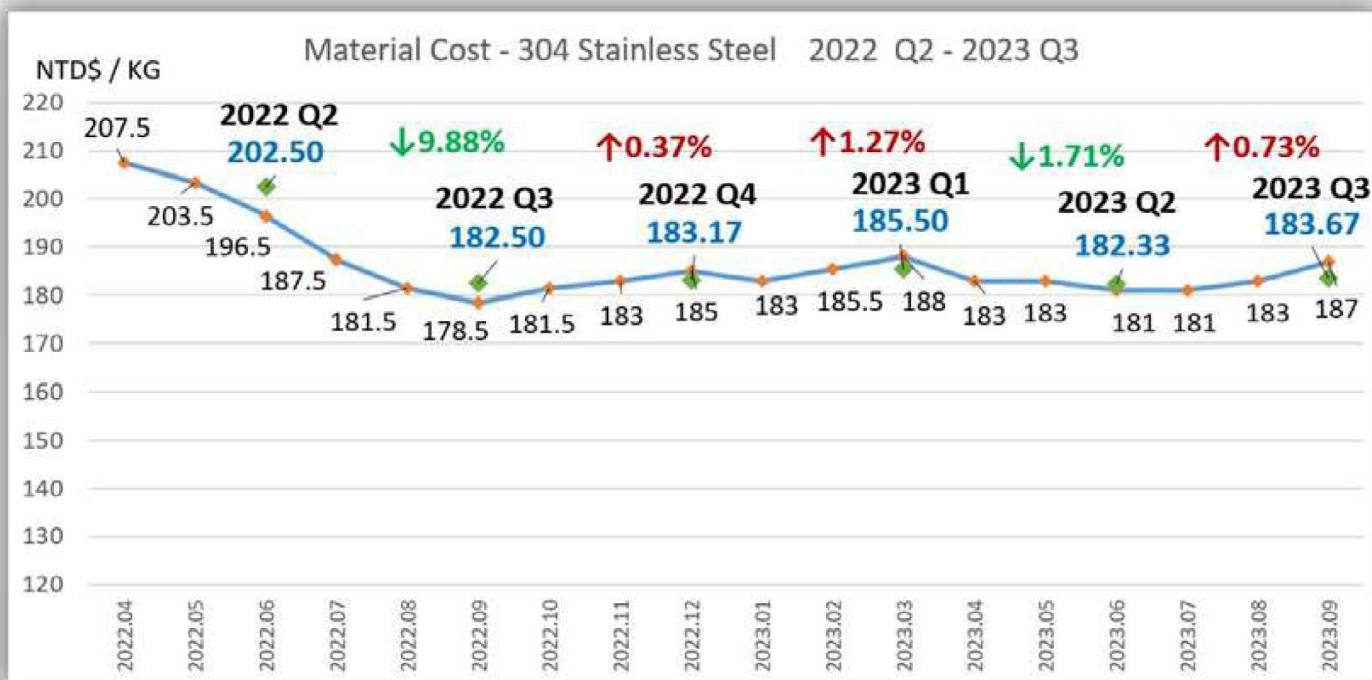
Compared with the same quarter last year, the average price of fourth quarter in 2023 increased 0.64%.



**Taiwan's stainless steel prices forecasted to rise for September..**

(Data capture from: <https://yieh.com/en/NewsItem/141921>)

**PLEASE REFER TO STAINLESS STEEL FLUCTUATION BELOW.**



From: Provided from the suppliers



# LABOR COST REPORT

2022 ~ 2024 (LABOR COST REPORT)

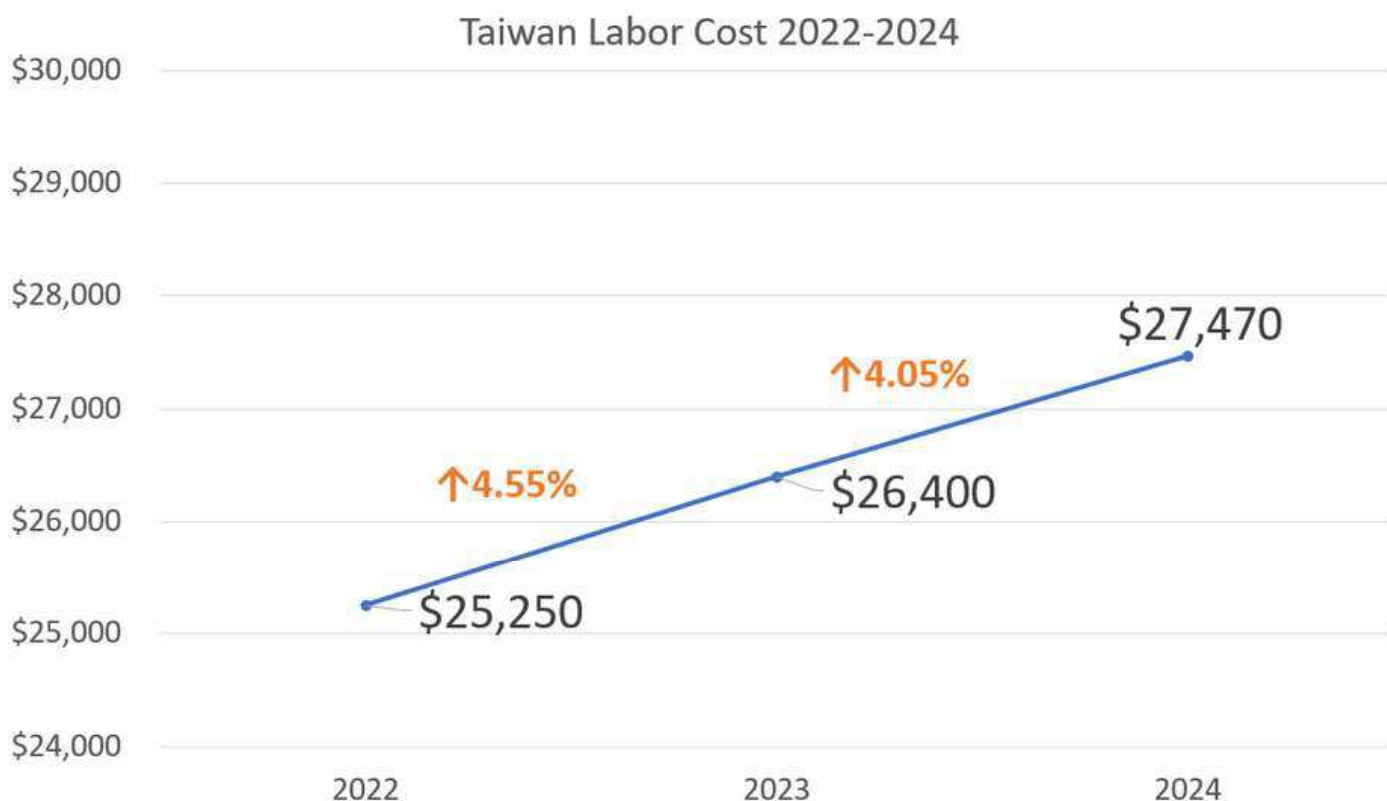
The basic salary announced of Taiwan in 2024 is NT\$27,470

Compared with last year, it increased 4.05%.



**From: Basic salary announced and approved by the Ministry of Labor of the Republic of China**

*PLEASE REFER TO THE BASIC SALARY FROM 2022-2024 BELOW.*





# NEWREX NEW ORDER DELIVERY



**Bolt & Screw**  
Quote Lead  
Time

2023-Q3

70-100 Days Approx.

**CNC**  
Quote Lead  
Time

2023-Q3

50~80 Days Approx.

# NEWREX

## New Order Delivery

### Order Wire Material

**10~20 Days**  
(2023 Q2 : 10~20 Days)



### Production Process

**30~45 Days**  
(2023 Q2 : 30~45 Days)



### Heat Treatment

**3~7 Days**  
(2023 Q2 : 5~10 Days)

### Plating

**3~7 Days**  
(2023 Q2 : 5~10 Days)



### Packing

**4 Days**  
(2023 Q2 : 6 Days)



**Arrange Booking to Customer**

**16 Days**  
(2023 Q2 : 15 Days)

**Closing Day (ETC)**

Booking Approval from  
Customer (Receiving S/O) then  
Deliver to Custom (Terminal House)



**18 Days**  
(2023 Q2 : 23 Days)

**2 Days In  
Terminal House**  
(2023 Q2 : 8 Days)

**On Board (ETD)**

# Chinese Festival

## CLOSED OFFICE NOTICE

	Office <b>Close</b> Dates	Resume Dates
<i>Double Tenth Day</i> 	10/07 ~ 10/10 (4 Days)	10/11 (Wednesday)
	2023/12/30   2024/01/01 (3 Days)	2024/01/02 (Tuesday)



# SELF-TAPPING SCREWS

(Imperial Standard)

Working in the fastener industry, to be honest, we still have plenty of knowledge needed to be explored. With diverse screws for us to choose and assemble, do we really know all the details? Do we really know the application of the screws? As a result, we bring up the brief discussion of different types of screws, hoping we can help people to learn different types of screws with ease and be familiar with the standards that the industry normally uses. In this article, we would like to start with introducing Self-Tapping screw.

Currently, the main specification for Imperial Self-Tapping screws in the United States is per ASME B18.6.3-2013. This standard categorizes self-tapping screws into the following three types based on the different

functions of the tooth shape:

- A. THREAD FORMING SCREWS
- B. THREAD CUTTING SCREWS
- C. THREAD ROLLING SCREWS

## THREAD FORMING SCREWS

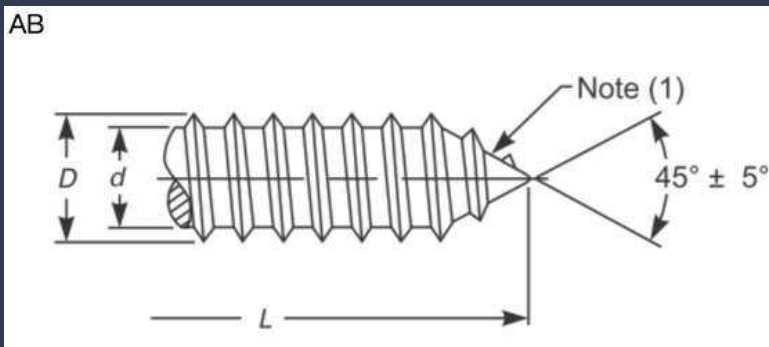
Commonly used on iron plates, also called SHEET METAL SCREWS , Thread forming tapping screws are generally for application in materials where large internal stresses are permissible, or desirable, to increase resistance to loosening. They shall be of the types described as below:

# SELF-TAPPING SCREWS

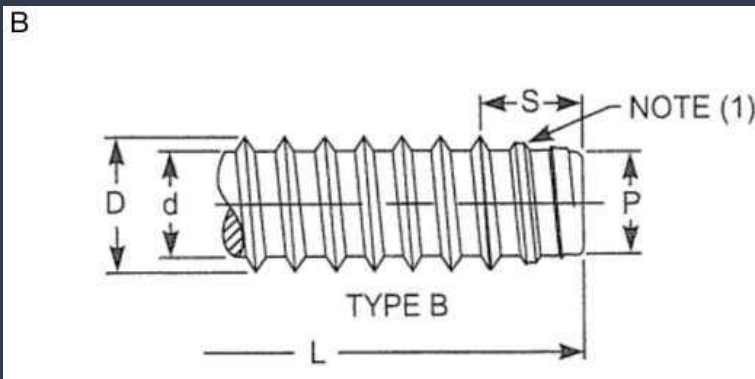
(Imperial Standard)

## THREAD TYPE

## APPLICATION



Type AB tapping screws shall have spaced threads, with the same pitches as Type B, and a gimlet point. They are primarily intended for use in thin metal, resin-impregnated plywood, and asbestos compositions.



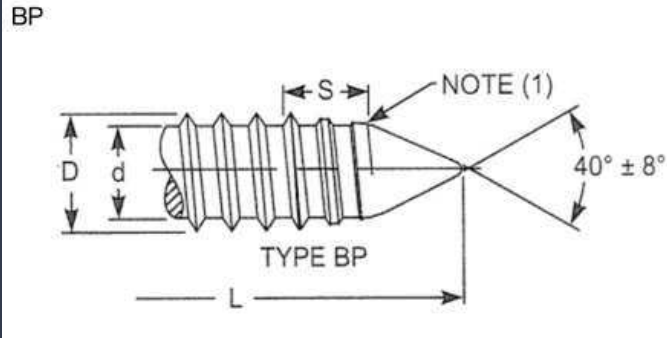
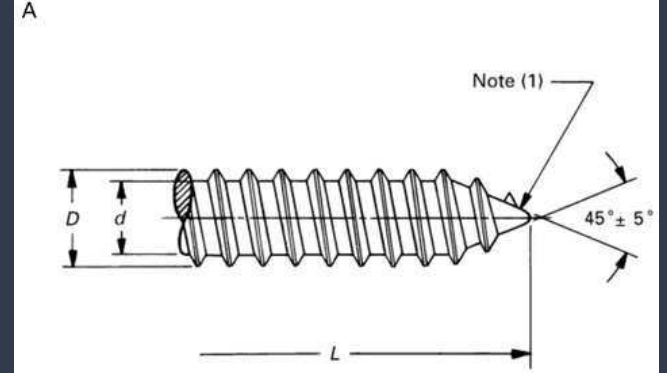
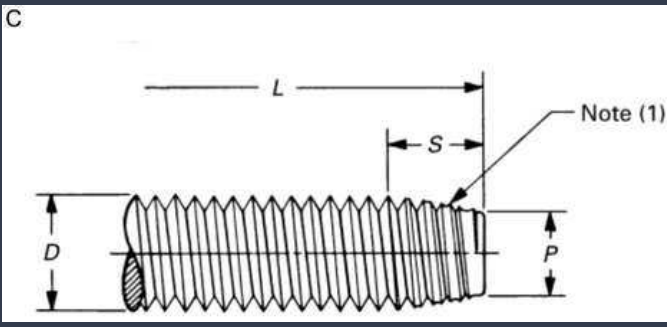
Type B tapping screws shall have spaced threads and a blunt point with incomplete entering threads. They are intended for use in materials such as thin metal, nonferrous castings, plastics, resin-impregnated plywood, and asbestos compositions.

TABLE CONTINUED NEXT PAGE



# SELF-TAPPING SCREWS

(Imperial Standard)

THREAD TYPE	APPLICATION
<p>BP</p> 	<p>Type BP tapping screws shall have spaced threads the same as Type B but shall have a conical point extending beyond the incomplete entering threads. They are intended for piercing fabrics or for use in assemblies where holes may be misaligned.</p>
<p>A</p> 	<p>Type A tapping screws shall have coarse-spaced threads and a gimlet point. They are primarily intended for use in thin metal, resin-impregnated plywood, and asbestos compositions.</p>
<p>C</p> 	<p>Type C tapping screws shall have threads of machine screw diameter-pitch combinations approximating Unified Form with a blunt point and tapered incomplete entering threads. They are intended for application where the use of a machine screw pitch thread is preferable to the use of the spaced thread types of thread-forming screws, or where chips from machine screw pitch thread-cutting screws are objectionable.</p>

# SELF-TAPPING SCREWS

(Imperial Standard)

## THREAD CUTTING SCREWS

Thread cutting tapping screws are generally for application in materials where disruptive internal stresses are undesirable or where excessive driving torques are encountered with thread-forming screws. They shall be of the types described as below:

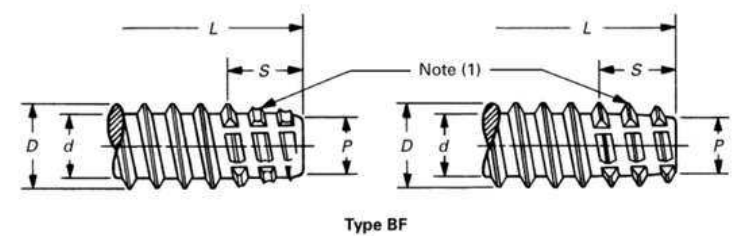
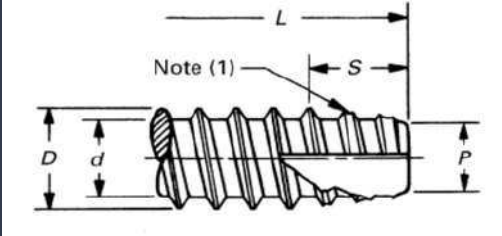
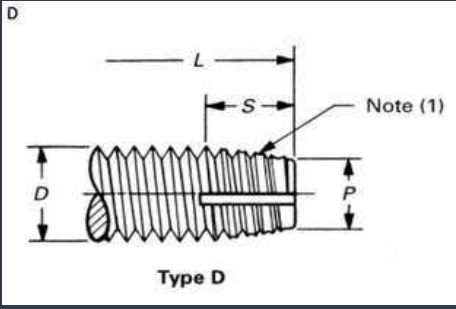
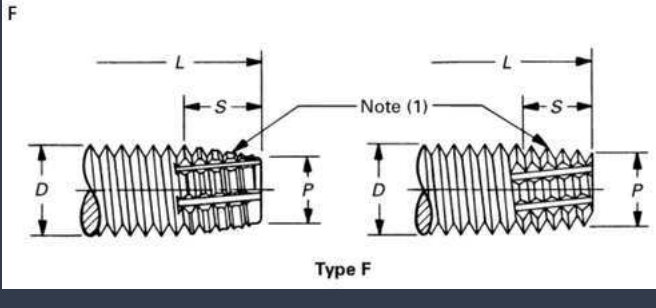
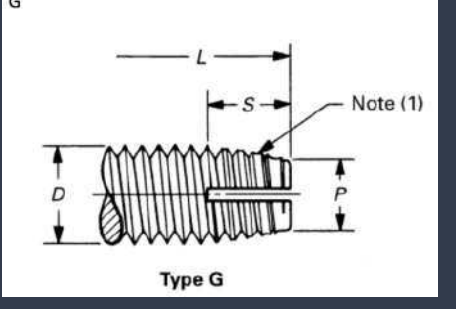
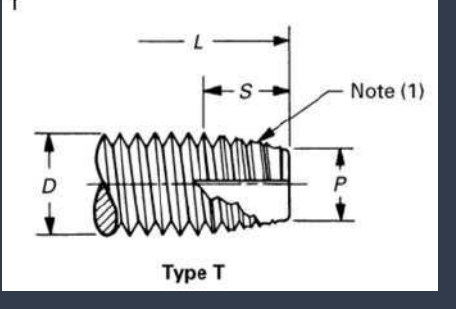
THREAD TYPE	APPLICATION
<p data-bbox="231 996 263 1019">BF</p>  <p data-bbox="566 1243 646 1265">Type BF</p>	<p data-bbox="1021 1052 1340 1568">Types BF and BT tapping screws shall have spaced threads with a blunt point and tapered entering threads, as on Type B, with one or more cutting edges and chip cavities. The tapered threads of the Type BF screw may be complete or incomplete at the manufacturer's option; all other types shall have incomplete tapered threads. These screws are intended for use in plastics, asbestos, and other similar compositions.</p>
<p data-bbox="231 1377 263 1400">BT</p>  <p data-bbox="502 1657 598 1680">Type BT</p>	

TABLE CONTINUED NEXT PAGE

# SELF-TAPPING SCREWS

(Imperial Standard)

## THREAD FORMING SCREWS

THREAD TYPE	APPLICATION
 <p style="text-align: center;">Type D</p>	<p>Types D, F, G, and T tapping screws shall have threads of machine screw diameter-pitch combinations approximating Unified Form with a blunt point and tapered entering threads having one or more cutting edges and chip cavities. The tapered threads of the Type F screw may be complete or incomplete at the manufacturer's option; all other types shall have incomplete tapered threads. These screws are intended for use in materials such as aluminum, zinc, and lead die castings; steel sheets and shapes; cast iron; brass; plastics; etc.</p>
 <p style="text-align: center;">Type F</p>	
 <p style="text-align: center;">Type G</p>	
 <p style="text-align: center;">Type T</p>	



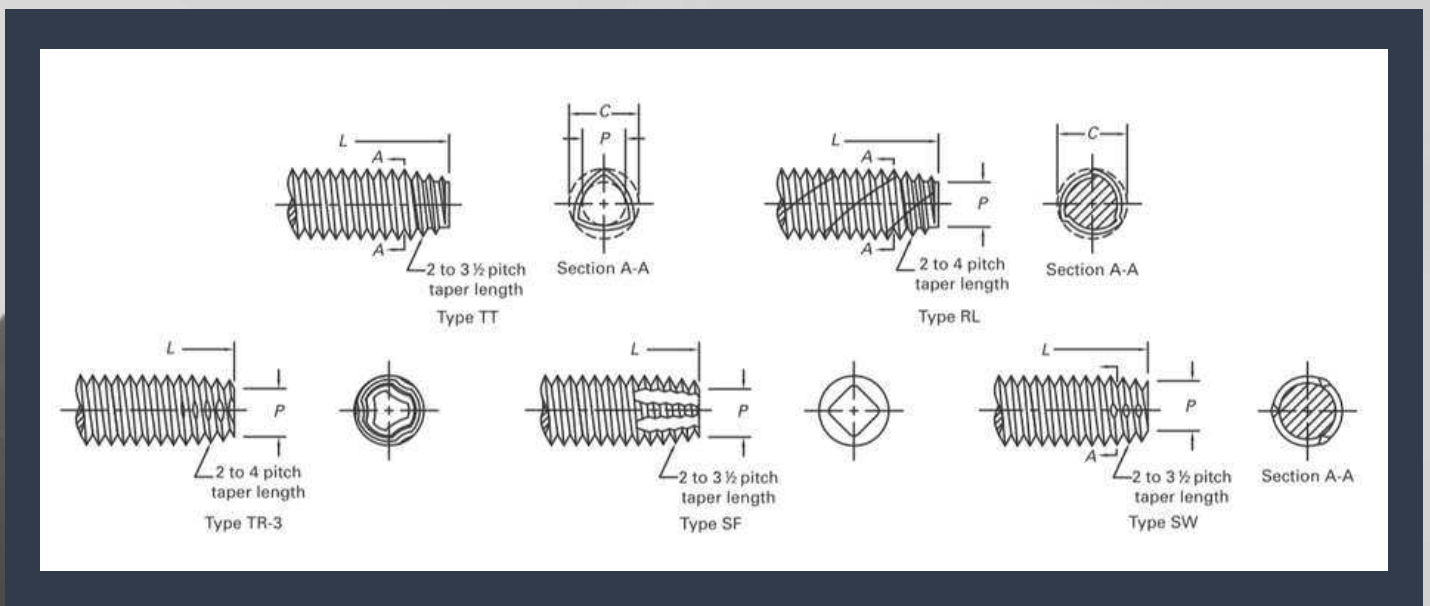
# SELF-TAPPING SCREWS

(Imperial Standard)

## THREAD ROLLING SCREWS

Thread-rolling tapping screws shall have threads of machine screw diameter-pitch combinations approximating Unified Form with a blunt point, tapered entering threads, and some type of out-of-round-portion feature in the body and/or the tapered entering threads for displacing material in the application to form a mating internal thread without generating any chips.

Thread-rolling tapping screws are generally for application in materials where the installer wishes to have a thread engagement longer than one screw diameter; he or she does not wish to create chips during installation; and/or he or she wishes to maximize the difference between the amount of torque it takes to drive the screw up to its seating position and the torque required to fail the application either by screw breaking or thread stripping. Thread-rolling screws are installed in untapped holes larger than the comparable thread-cutting screws because thread-rolling screws uniformly displace the mating material instead of cutting it to create the internal thread. All the types as below Illustration.



Note: Article content and picture excerpts are from ASME B18.6.3-2013