



Vol 3

# HY-PRO<sup>®</sup> Nut Taps

High Performance Nut Taps for Steel and Stainless Steel



# HY-PRO® Nut Tap

Styles

## EX-HS-SNT, BNT, NBT

*Nut Taps for Steel & Cold Forging Nuts, Metric & Inch Sizes*



HSSE

TiN



By setting the thread length to 25 threads and applying coating, longer tool life is achieved thus reducing customer cost.

## V-SUS-SNT, BNT, NBT

*Nut Taps for Stainless Steel & Hot Forging Nuts, Metric & Inch Sizes*



HSSE

TiCN



By setting the thread length to 30 threads and applying coating, longer tool life is achieved thus reducing customer cost.

## HP-SUS-SNT, BNT, NBT

*High Performance Nut Taps for Stainless Steel over 28HrC & Hot Forging Nuts, Metric & Inch Sizes*



HSS-CO

TiCN



Special anti-abrasive material is used for the HP-SUS-SNT. By setting the thread length to 30 threads and applying coating, longer tool life is achieved. Tolerance is set at 10µm (A class) rather than the standard 13 µm (GH class) to stabilize nut quality.



## DESCRIPTIONS



**SNT - Short Nut Tap**

A tap that can either be used by connecting to a bent shank or short shank.



**NBT - Nib Tap**

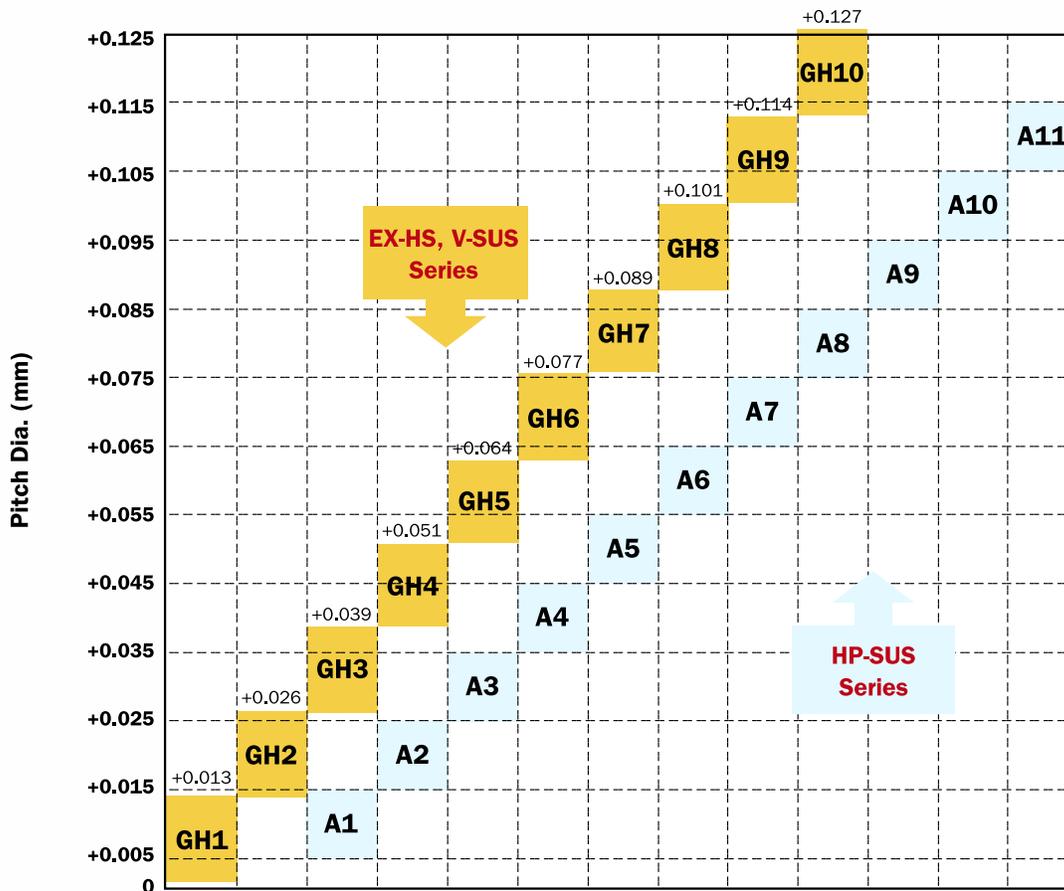
This tap is used by directly screwing onto a bent shank with a thread hole. Please supply with a sample tap when requesting a quotation.



**BNT - Bent Shank Tap**

This tap is used on automatic tapping machines. The tap will be connected with an SNT and bent shank. Please supply a sample tap when requesting a quotation.

## SELECTION CHART



## ORDER SPECIFICATIONS

The OAL, radius and other dimensions of the bent tap will differ depending on its original shank type (Super type or MAS type machine) and the nut height. Please supply a sample tap when requesting a quote.



**Processing taps precisely under the new constant temperature plant in Taiwan. Our tap outperforms competitors with high durability and great tool performance, therefore increasing productivity.**



New Brand, HY-PRO®, carries on technology directly from Japan that achieves good tool life and high tapping performance. Applying the same manufacturing technology used in Japan, the tap has outstanding tool life and high speed tapping.



Developed specifically for nut production.



TiN and TiCN coating increases wear resistance and anti-welding efficiently.



- Use safety cover, safety glasses and safety shoes during operation.
- Do not touch cutting edges with bare hands.
- Do not touch cutting chips with bare hands. Chips will be hot after cutting.
- Stop Cutting when the tool becomes dull.
- Stop cutting operation immediately if you hear any strange sounds.
- Do not modify tools.
- Use correct tools for the operation. Check dimensions to ensure proper selection.



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