



Synchronized Tap Holder Designed to Maximize Performance

Vol 1

SynchroMaster

Tap Holder





Features & Benefits

Bring Out the Best of Your A-Tap Tools

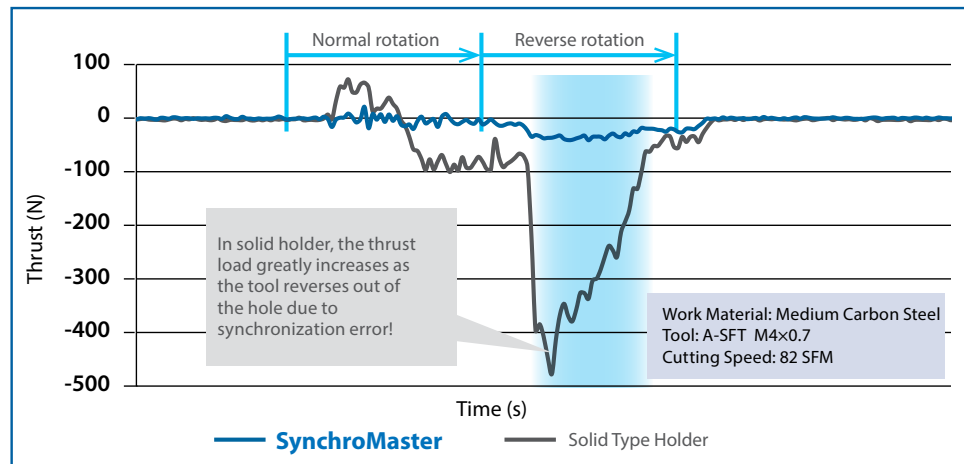
The combination of SynchroMaster and synchronous feed machines brings out the best performance of your A-Tap tooling.

- Prevents Breakage
- Prolongs Tool Life
- Improves Thread Quality
- Enables Accurate Depth Control
- Achieves Stable Performance Even with Difficult Small Chamfer

A-Tap + SynchroMaster = Best Solution

Combined for Maximum Potential

SynchroMaster reduces axial and radial forces to enable the A-Tap series to reach their maximum potential.



Machine	Holder	Tap (example)	Recommendation
Machine with synchronous feed mechanism	SynchroMaster	A-TAP (A-SFT,A-POT,S-XPF)	<input checked="" type="checkbox"/>
		General Purpose Tap (EX-SFT, TIN-POT)	<input type="checkbox"/>
		Synchro Tap (HS-SFT, US-AL-RFT)	—*

*Synchro Tap is recommended to be used in combination with a solid holder and machine with synchronous feed mechanism

good best

Single Unit Construction

Bring Out the Best of Your A-Tap Tools

SynchroMaster

Original metal flexure mechanism enables long tool life

Ultra-small float mechanism ensures consistent tapping depth



General micro float holder

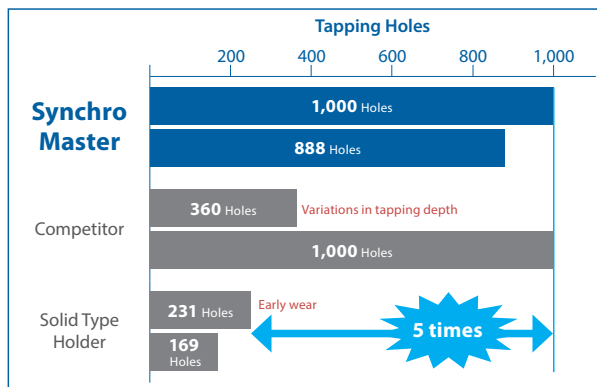
Float mechanism that allows the 2-piece body construction with resin or rubber type damper to move in the thrust direction

- Early degradation of the damper mechanism
- Requires maintenance

Long Tool Life

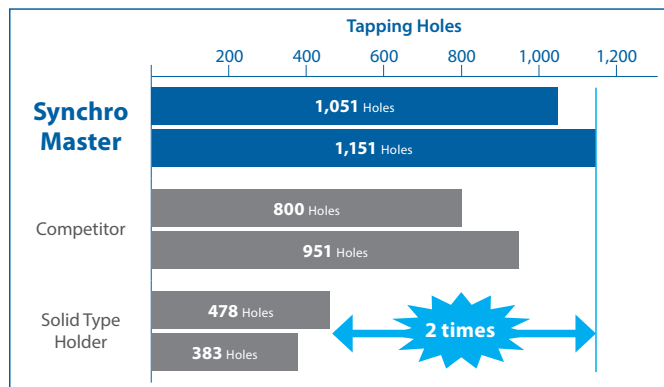
Stable Performance and Improved Durability

Stable performance even with difficult short chamfer



Work Material: Medium Carbon Steel
Tool: A-SFT M4x0.7 1P
Cutting Speed: 33 SFM

Durability of forming taps can also be improved



Work Material: 4140 Alloy Steel (30HRC)
Tool: S-XPf M10x1.5 2P
Cutting Speed: 50 SFM



shaping your dreams

 **Safe use of cutting tools**

- 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 abnormal cutting sounds.
- Do not modify tools.
- Please use appropriate tools for the operation. Check dimensions to ensure proper selection.

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