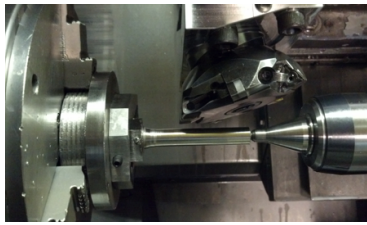




The unique SpinSelect™ Multi-Pocket Selectable Tool Holder was designed to increase productivity and optimize “machine hours” by decreasing downtime from tool and insert set-ups and changovers.

SpinSelect’s patented design allows for quick indexing between its five pockets with a simple ¼ turn of a socket head cap screw. Each pocket can house a different tool, allowing for quick changes between operations without having to re-qualify the tools. It excels at cutting harder materials, as the pockets are 30% stronger than traditional shank tools, allowing for more rigid tools to be pre-loaded.

Designed for use on most lathes having a turret or tool post, SpinSelect™ tool holders enable better throughput on such tasks as heavy roughing, harder material removal and short runs. Machining operations have realized up to 85% savings on changeover/setup times as SpinSelect™ toolholders can create a nearly continuous runtime with offline insert changes/reloading.



FEATURES & BENEFITS

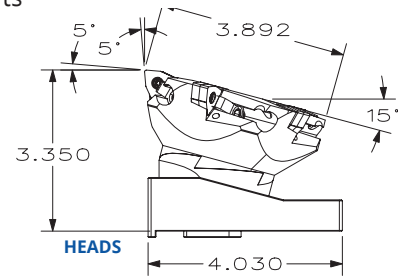
- Increased tool capacity – Five different inserts on one turret location for more live tooling stations
- Reduce insert index time by 85%
- Inserts can be changed and staged offline
- Reduced set-up time
- No need to re-qualify tools
- Improved insert wear
- Reduced back & forth time to tool crib

CONSTRUCTION

- 100% Made in USA
- Produced using hardened & tempered 4340/4140 alloy steel
- Machined from wrought bar stock – no castings or powdered metal parts
- Through the tool coolant

HEADS

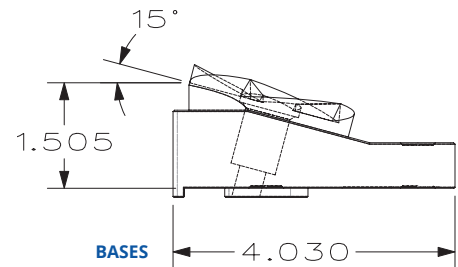
SpinSelect™ heads are available in a number of popular sizes, tool holding insert geometries, insert relief angles, tool holder codes, insert relief codes, insert sizes and other operating parameters...see selection chart immediately below.



HEADS									
Part Number	Spin Select Head Description (s)	mPower Line Code	Insert Holding Code	Insert Geometry Code	Toolholder Style	Hand	Insert Relief Angle	Spin Select Head Size	Insert Size Code/IC
		SS5=5 Station Spin Select							
SS5-MCLNL-M4	C style insert, size 4, Right Hand	SS5	M=Clamp & Pin	C=CNMG	L=5o	L=Left	N=0,Neg.	M=Med	4=1/2"
SS5-MCLNR-M4	C style insert, size 4, Left Hand	SS5	M=Clamp & Pin	C=CNMG	L=5o	R=Right	N=0,Neg.	M=Med	4=1/2"
SS5-MDJNL-M4	D style insert, size 4, Left Hand	SS5	M=Clamp & Pin	D=DNMG	J=-3o	L=Left	N=0,Neg.	M=Med	4=1/2"
SS5-MDJNR-M4	D style insert, size 4, Right Hand	SS5	M=Clamp & Pin	D=DNMG	J=-3o	R=Right	N=0,Neg.	M=Med	4=1/2"
SS5-MWLNL-M4	W style insert, size 4, Left Hand	SS5	M=Clamp & Pin	W=WNMG	L=5o	L=Left	N=0,Neg.	M=Med	4=1/2"
SS5-MWLNR-M4	W style insert, size 4, Right Hand	SS5	M=Clamp & Pin	W=WNMG	L=5o	R=Right	N=0,Neg.	M=Med	4=1/2"
SS5-MVNL-M3	V style insert, size 3, Left Hand	SS5	P=Lock Pin	V=VNMG	V=-17.5o	L=Left	N=0,Neg.	M=Med	3=3/8"
SS5-MVNR-M3	V style insert, size 3, Right Hand	SS5	P=Lock Pin	V=VNMG	V=-17.5o	R=Right	N=0,Neg.	M=Med	3=3/8"
SS5-SLTSR-M3	Lay Down Threader/Groover, size 3, Right Hand	SS5	S=Screw Lock	LT=Lay Down Triangle	S=Offset Shank	R=Right	N=0,Neg.	M=Med	3=3/8"
SS5-SLTSL-M3	Lay Down Threader/Groover, size 3, Left Hand	SS5	S=Screw Lock	LT=Lay Down Triangle	S=Offset Shank	L=Left	N=0,Neg.	M=Med	3=3/8"
SS5-NNSL-M3	Top Notch Threader/Groover, size 3, Left Hand	SS5	N=Top Notch	N=Top Notch	S=Offset Shank	L=Left	N=0,Neg.	M=Med	3=.195"
SS5-NNSR-M3	Top Notch Threader/Groover, size 3, Right Hand	SS5	N=Top Notch	N=Top Notch	S=Offset Shank	R=Right	N=0,Neg.	M=Med	3=.195"
SS5-C-WVNNLT-M	Combination Tool Holding the following inserts 1-W, 1-V, 2-Top Notch, 1 Lay Down								

BASES

SpinSelect™ bases are produced from high grade tool steel in standard Right Hand and Left Hand configurations. Bases are stocked as blanks, then custom finished to precisely fit on your machine/turret for optimum performance.



BASES	
Part Number	Spin Select Head Description (s)
SS5-BR-M	Standard Right Hand Base--Size Medium
SS5-BL-M	Standard Left Hand Base--Size Medium
	NOTE: Bases are stocked as blanks and custom finished to fit your Machine/Turret. Provide the following information: 1. Make-Model of your turret. 2. Make-Model-S/N of your machine.

TEXAS MACHINE SHOP REALIZES SIGNIFICANT 50% TO 85% DECREASE IN SET-UP TIME USING "SPINSELECT™ MULTI-POCKET SELECTABLE TOOL HOLDER"

Since its' founding in 2000, Thomas (Tommy) Roden's Ft. Worth-based All-Star Machine & Mfg. has seen his company grow to be a very big player in the niche market for taking on projects that most other competitors "no quote."

The company manufactures parts for many industries including banking, food production, resource extraction, aircraft, automotive and telecommunications. Due to the complexity of work being performed, typical change-over and set-up times used to vary from 2 to 6 hours.

Early successes with the SpinSelect™ Multi-Pocket Selectable Tool Holders gave way to an expanded use of the patented tooling for such operations as...

- Turning – Roughing, finishing, profiling, etc.
- Grooving – O-ring, thread relief, thread blocking, deep profiling, etc.
- Threading – 60 deg."V", Acme, Stub Acme, API, etc.

"SpinSelect™ tool holders increase the versatility of our work cells by providing 20 or more tool geometries at our fingertips, without needing to re-qualify them before use. Our machine operators especially like the ability to switch-out roughing inserts virtually on the fly. Plus, offline insert changes/reloading can create a virtually continuous runtime."

"Our average change-over/set-up times have decreased by 50% to 85% for most lathe parts.

Additional benefits we have realized include; deeper cuts, faster feeds, less vibration & chatter and the ability to benefit from offline insert changes.

Mr. Roden adds..."If I had to prioritize key SpinSelect™ product features that our machine operators have found to be particularly valuable, I would rank them...

- a. Increased tool capacity
- b. Offline insert changes
- c. Decreased change-over/setup times
- d. Capability to run more complex parts in a single setup
- e. Repeatability. No need to re-qualify tools for new setups



Tommy summarizes..."If you are like most machine shop operators looking for better ways to minimize downtime for tool & insert changes, reduce set-ups to seconds and cut downtime to the tool crib, then my recommendation would be to look into mPower's SpinSelect™ Multi-Pocket Selectable Tool Holders."



SCAN FOR FAST ACCESS TO THE SpinSelect™ PRODUCT PAGE