

## Nonferrous Metals

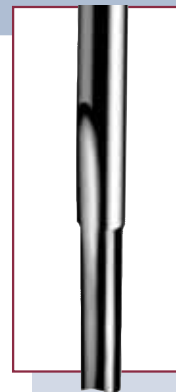
- Single Edge
- Solid Carbide
- Downcut Spiral O Flute



**For Use On:**  
**Aluminum**

High-speed cutters for machining aluminum sheet material. These tools are optimized for use on high-speed CNC mills, high-speed machining centers and CNC routers.

- Single Edge
- Solid Carbide
- Straight



**For Use On:**  
**Aluminum**

Designed to combine the fast free-cutting of O flute geometry with a neutral cutting action when fixturing and top finish are primary considerations.

Catalog Number	Cutting Edge Dia.	Cutting Edge Length	Shank Dia.	Overall Length
H25XOS-62-602	1/16	1/4	1/8	1-1/2
H25XAM-51506	1/8	5/16		
H25XOS-62-610		1/2	1/4	2
H25XOS-62-612	3/16	3/8	3/16	1-1/2
H25XAM-51508		1/2	1/4	2
H25XOS-62-620	3/8			
H25XAM-51502	5/8			
H25XOS-62-624	3/8	1-1/4	3/8	3
H25XOS-62-625		3/4		

Helix Angle  $\approx 22^\circ$

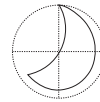
Catalog Number	Cutting Edge Dia.	Cutting Edge Length	Shank Dia.	Overall Length
H25XAM-43500	1/8	1/2	1/4	2
H25XAM-43504	3/16	5/8		
H25XAM-43508	1/4	3/4		
H25XOS-61-100	3/8	5/16	3/8	2-1/2
H25XOS-61-120		7/8		

## Nonferrous Metals

- Single Edge
- Solid Carbide
- Upcut Spiral O Flute

**For Use On:**  
**Aluminum**

High-speed cutters for machining aluminum sheet and block material. These tools are optimized for use on high-speed CNC mills, high-speed machining centers and CNC routers.



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Catalog Number	Cutting Edge Dia.	Cutting Edge Length	Shank Dia.	Overall Length
H25XOS-63-602	1/16	1/4	1/8	1-1/2
H25XOS-63-603	3/32			2
H25XAM-51406	1/8	5/16	1/8	1-1/2
H25XOS-63-610		1/2	1/4	2
H25XOS-63-612	3/16	3/8	3/16	1-1/2
H25XAM-51408		1/2	1/4	2
H25XOS-63-620	3/8			
H25XAM-51402	1/4	5/8	3/8	3
H25XOS-63-624		1-1/4		
H25XOS-63-629	5/16	9/16	5/16	2-1/2
H25XOS-63-626	3/8	1-1/8	3/8	3

Helix Angle  $\approx 22^\circ$

Catalog Number	Cutting Edge Dia. mm	Cutting Edge Length mm	Shank Dia. mm	Overall Length mm
H25XOS-63-902	2	6	2	50
H25XOS-63-904			6	64
H25XOS-63-906	2.5	6	2.5	50
H25XOS-63-908			6	64
H25XOS-63-910	3	8	3	50
H25XOS-63-912			6	64
H25XOS-63-914	3	12	3	
H25XOS-63-916			6	
H25XOS-63-918	4	8	4	64
H25XOS-63-920		12		
H25XOS-63-922	4	20	6	
H25XOS-63-924		30	4	
H25XOS-63-926	5	16	5	
H25XOS-63-928			6	
H25XOS-63-930	5	30	5	
H25XOS-63-932			6	
H25XOS-63-934	6	8	6	76
H25XOS-63-936		12		
H25XOS-63-938	6	20	8	64
H25XOS-63-940		30		
H25XOS-63-942	8	38	8	76
H25XOS-63-944		25		
H25XOS-63-946	8	38	8	64
H25XOS-63-948		25		
H25XOS-63-950	10	30	10	76
H25XOS-63-950	12	38	12	

Helix Angle  $\approx 22^\circ$

## Nonferrous Metals

- Double Edge
- Solid Carbide
- Upcut Spiral O Flute



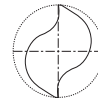
**For Use On:**  
Aluminum  
Solid Surface

Designed as a general purpose spiral with several times the life of their high-speed counterparts. They are used when upward chip flow is preferred.

Catalog Number	Cutting Edge Dia.	Cutting Edge Length	Shank Dia.	Overall Length
H25XAM-46100	1/8	1/2	1/4	2
H25XAM-46101	3/16	3/4		
H25XOS-52-100	5/16	13/16	3/8	2-1/2
H25XOS-52-120	3/8	7/8		

Helix Angle  $\approx 30^\circ$

- Double Edge
- Solid Carbide
- Upcut Spiral O Flute



**For Use On:**  
Aluminum  
Solid Surface

Designed as a general purpose spiral with several times the life of their high-speed counterparts. They are used when upward chip flow is preferred.

Catalog Number	Cutting Edge Dia.	Cutting Edge Length	Shank Dia.	Overall Length
H25XAM-46200	1/8	1/2	1/4	2
H25XAM-46201	3/16	3/4		
H25XOS-57-100	5/16	13/16	3/8	2-1/2
H25XOS-57-120	3/8	7/8		

Helix Angle  $\approx 30^\circ$