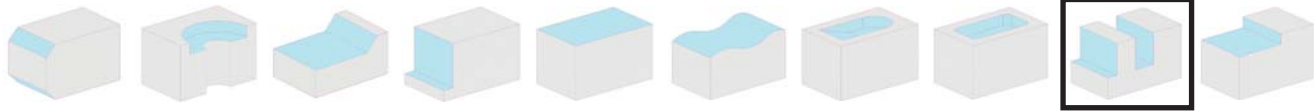


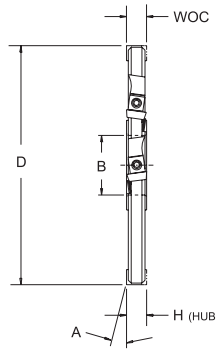
NXS Series



Slotting Cutter .750 Insert



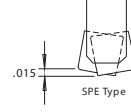
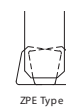
• Adjustable Widths



7° Pos Axial

Pos Radial







1°15' Dish



• Use .750 ZPE insert
for flat bottom

NXS Series - Dimensional Specifications

Product Number	D	B	H	A	WOC	Insert	Teeth	Weight
5NXS13-6H	5.00	1.50	.812	1°15'	.812-.875	SPE-63__	10	3.00
6NXS13-6H	6.00	1.50	.812	1°15'	.812-.875	SPE-63__	12	4.30
8NXS13-8H	8.00	2.00	.812	1°15'	.812-.875	SPE-63__	16	8.00
10NXS13-8H	10.00	2.00	.812	1°15'	.812-.875	SPE-63__	20	12.00
12NXS13-10H	12.00	2.50	.812	1°15'	.812-.875	SPE-63__	24	18.00
5NXS14-6H	5.00	1.50	.875	1°15'	.875-1.000	SPE-63__	10	3.30
6NXS14-6H	6.00	1.50	.875	1°15'	.875-1.000	SPE-63__	12	4.50
8NXS14-8H	8.00	2.00	.875	1°15'	.875-1.000	SPE-63__	16	9.00
10NXS14-8H	10.00	2.00	.875	1°15'	.875-1.000	SPE-63__	20	15.00
12NXS14-10H	12.00	2.50	.875	1°15'	.875-1.000	SPE-63__	24	21.00
5NXS16-6H	5.00	1.50	1.000	1°15'	1.000-1.125	SPE-63__	10	3.50
6NXS16-6H	6.00	1.50	1.000	1°15'	1.000-1.125	SPE-63__	12	5.50
8NXS16-8H	8.00	2.00	1.000	1°15'	1.000-1.125	SPE-63__	16	10.00
10NXS16-8H	10.00	2.00	1.000	1°15'	1.000-1.125	SPE-63__	20	17.00
12NXS16-10H	12.00	2.50	1.000	1°15'	1.000-1.125	SPE-63__	24	24.00
5NXS18-6H	5.00	1.50	1.125	1°	1.125-1.250	SPE-63__	10	3.80
6NXS18-6H	6.00	1.50	1.125	1°	1.125-1.250	SPE-63__	12	6.50
8NXS18-8H	8.00	2.00	1.125	1°	1.125-1.250	SPE-63__	16	11.00
10NXS18-8H	10.00	2.00	1.125	1°	1.125-1.250	SPE-63__	20	19.00
12NXS18-10H	12.00	2.50	1.125	1°	1.125-1.250	SPE-63__	24	27.00
5NXS20-6H	5.00	1.50	1.250	1°	1.250-1.375	SPE-63__	10	4.00
6NXS20-6H	6.00	1.50	1.250	1°	1.250-1.375	SPE-63__	12	7.50
8NXS20-6H	8.00	2.00	1.250	1°	1.250-1.375	SPE-63__	16	12.00
10NXS20-8H	10.00	2.00	1.250	1°	1.250-1.375	SPE-63__	20	21.00
12NXS20-10H	12.00	2.50	1.250	1°	1.250-1.375	SPE-63__	24	30.00

Insert I.C. x Thickness						
.750 x .188	Insert Pg. 43 SPE-63__	Insert Pg. 49 ZPE-63__	Insert Lock 1619	Lock Screw 1450	Adjusting Screw 1367	Lock Screw Wrench 1557-PT10

Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Gray Cast Iron, Class 30	200-500	.002-.008	SPE-634 GR 586XRm	SPE-634 GR LTC-21
Tool Steel, D2	250-350	.002-.008	SPE-634W515 GR 606jRm	SPE-634W515 GR LT-40
Medium Alloy Steel	300-700	.002-.008	SPE-634W515 GR 606jRm	SPE-634W515 GR LT-40
Tool Steel, P20	300-700	.002-.008	SPE-634W515 GR 606jRm	SPE-634 GR LTC-14
Soft Alloy Steel	400-800	.002-.008	SPE-634B GR LT-50	SPE-634 GR LTC-14

- Free cutting positive geometry designed for a broad range of workpiece materials
- High production design includes offset drive keys for multiple tool “gang” setups
- Engineered with generous chip gullets to ensure optimum chip evacuation
- Adjustable widths ensure infinite coverage between .812” and 1.375” in each NXS diameter
- Engineered for stability over a variety of applications