

# GXSM Series

( for Flat Bottom Only )



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Specials

Inserts

General

Cavity Mold

Gray Iron

PCD / CBN

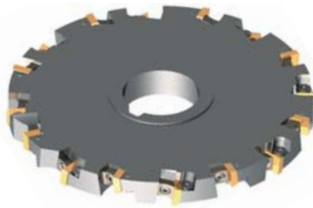
Slotters

Technical Data

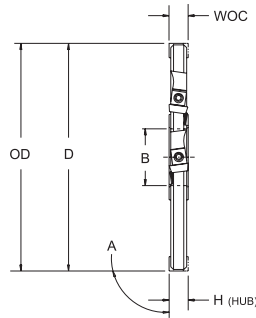
HOLDERS

## Slotting Cutter .375 FPE Insert

8° Pos Axial   Pos Radial   90° Shldr




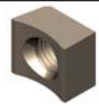
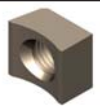



• Adjustable Widths



• GXSM uses .375 FPE insert for true flat bottom ONLY!

### GXSM Series - Dimensional Specifications

Product Number	D	OD	B	H	A	WOC	Insert	Lock	Teeth	Weight
4GXSM6-5H	4.00	4.00	1.25	.375	90°	.380-.437	FPE-32__	3502-0833-5000 / 5001	8	1.00
5GXSM6-6H	5.00	5.00	1.50	.375	90°	.380-.437	FPE-32__	3502-0833-5000 / 5001	10	1.50
6GXSM6-6H	6.00	6.00	1.50	.375	90°	.380-.437	FPE-32__	3502-0833-5000 / 5001	12	2.00
8GXSM6-8H	8.00	8.00	2.00	.375	90°	.380-.437	FPE-32__	3502-0833-5000 / 5001	16	4.50
10GXSM6-8H	10.00	10.00	2.00	.375	90°	.380-.437	FPE-32__	3502-0833-5000 / 5001	20	7.00
12GXSM6-10H	12.00	12.00	2.50	.375	90°	.380-.437	FPE-32__	3502-0833-5000 / 5001	24	10.50
4GXSM7-5H	4.00	4.00	1.25	.437	90°	.437-.500	FPE-32__	1602A	8	1.20
5GXSM7-6H	5.00	5.00	1.50	.437	90°	.437-.500	FPE-32__	1602A	10	2.00
6GXSM7-6H	6.00	6.00	1.50	.437	90°	.437-.500	FPE-32__	1602A	12	2.50
8GXSM7-8H	8.00	8.00	2.00	.437	90°	.437-.500	FPE-32__	1602A	16	5.50
10GXSM7-8H	10.00	10.00	2.00	.437	90°	.437-.500	FPE-32__	1602A	20	8.50
12GXSM7-10H	12.00	12.00	2.50	.437	90°	.437-.500	FPE-32__	1602A	24	13.00
4GXSM8-5H	4.00	4.00	1.25	.500	90°	.500-.562	FPE-32__	1602A	8	1.50
5GXSM8-6H	5.00	5.00	1.50	.500	90°	.500-.562	FPE-32__	1602A	10	2.50
6GXSM8-6H	6.00	6.00	1.50	.500	90°	.500-.562	FPE-32__	1602A	12	3.75
8GXSM8-8H	8.00	8.00	2.00	.500	90°	.500-.562	FPE-32__	1602A	16	6.50
10GXSM8-8H	10.00	10.00	2.00	.500	90°	.500-.562	FPE-32__	1602A	20	10.00
12GXSM8-10H	12.00	12.00	2.50	.500	90°	.500-.562	FPE-32__	1602A	24	14.50

Insert I.C. x Thickness						
	Insert Pg. 34	Insert Lock	Insert Lock	Lock Screw	Adjusting Screw	Lock Screw Wrench
.375 x .126	FPE-32__	1602A	3502-0833-5000 RH 3502-0833-5001 LH	1449	1365-1	1557-PT6

### Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Gray Cast Iron, Class 30	200-500	.002-.008	FPE-322 GR LT-45	FPE-322 GR LTC-83
Tool Steel, D2	250-350	.002-.008	FPE-322B GR LT-50	FPE-322 GR LT-40
Medium Alloy Steel	300-700	.002-.008	FPE-322 GR LT-40	FPE-322 GR LTC-14
Tool Steel, P20	300-700	.002-.008	FPE-322 GR LT-40	FPE-322 GR LTC-14
Soft Alloy Steel	400-800	.002-.008	FPE-322 GR LT-40	FPE-322 GR LTC-14
Stainless Steel, 304, 316	200-500	.002-.008	FPE-322 GR LT-45	FPE-322 GR LTC-83

- 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 .380” and .562” in each GXSM diameter
- Engineered for stability over a variety of applications