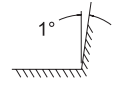
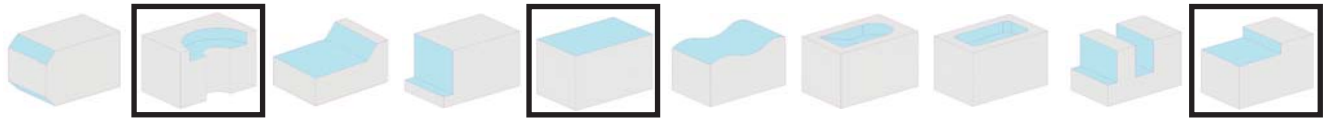


TX Series

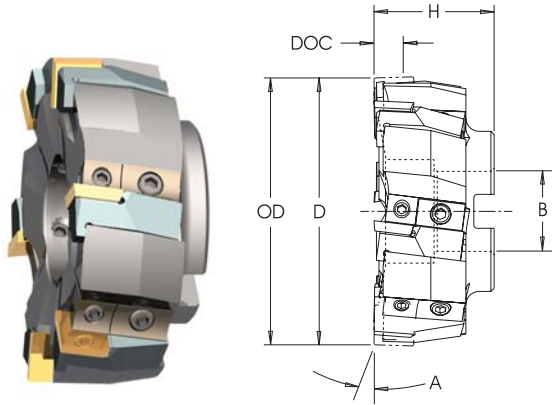


Face Mills

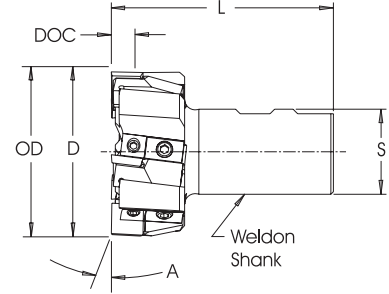
7° Pos Axial

Pos Radial

1° Dish



End Mills



TX Series - Face Mill Dimensional Specifications

Product Number	D	OD	B	H	A	DOC	Insert	Teeth	Weight
4TXR6-1	4.000	4.060	1.50	2.62	1°	.460	SPE-63__	5	5.00
5TXR6-1	5.000	5.060	1.50	2.25	1°	.460	SPE-63__	6	7.00
6TXR8-1	6.000	6.060	2.00	2.25	1°	.460	SPE-63__	8	9.50
7TXR8-1	7.000	7.060	2.00	2.25	1°	.460	SPE-63__	10	14.00
8TXR8-1	8.000	8.060	2.00	2.31	1°	.460	SPE-63__	12	18.00
10TXRU-1	10.000	10.060	2.00	2.31	1°	.460	SPE-63__	16	33.00
12TXRU-1	12.000	12.060	2.50	2.62	1°	.460	SPE-63__	20	46.00

TX Series - End Mill Dimensional Specifications

Product Number	D	OD	S	L	A	DOC	Insert	Teeth	Weight
30TXRW5-1	3.000	3.000	1.250	4.220	1°	.460	SPE-63__	4	3.00
30TXRW8-1	3.000	3.000	2.000	5.220	1°	.460	SPE-63__	4	5.50
35TXRW5-1	3.500	3.500	1.250	4.220	1°	.460	SPE-63__	5	4.00
35TXRW8-1	3.500	3.500	2.000	5.220	1°	.460	SPE-63__	5	6.00
40TXRW5-1	4.000	4.000	1.250	4.220	1°	.460	SPE-63__	5	5.00
40TXRW8-1	4.000	4.000	2.000	5.220	1°	.460	SPE-63__	5	7.50

LEFT HAND cutters also available

Insert I.C. x Thickness	Insert Pg. 43	Anvil	Anvil	Adjusting Screw	Insert Lock	Lock Screw	Anvil Lock	Lock Screw	Lock Screw Wrench
.750 x .188	SPE-63__	1513R/L	1513RA/LA	1477	1619	1450	1618	1/4-28 x 5/8"	1557-PT5

Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Gray Iron, Class 30	200-500	.005-.012	SPE-634 GR 586XRm	SPE-634 GR LTC-21
Tool Steel, D2	250-350	.005-.012	SPE-634 GR 606jRm	SPE-634B GR LTC-14
Medium Alloy Steel	300-700	.005-.012	SPE-634B GR LT-50	SPE-634B GR M+
Tool Steel, P20	300-700	.005-.012	SPE-634B GR LT-50	SPE-634B GR LTC-14
Soft Alloy Steel	400-800	.005-.012	SPE-634 GR LT-40	SPE-634 GR LTC-14

- Free cutting positive geometry accommodates a variety of workpiece materials
- Precision hardware components ensure quick accurate insert indexing
- Hardened hardware components provide body protection for superior tool durability
- 1° dish angle generates a near square 90° utilizing the standard SPE-63__ insert