

SAE PORT CONTOUR CUTTERS INTERNAL STRAIGHT THREAD O-RING BOSS

HIGH SPEED STEEL
EXTRA LONG REAMER
TAPER SHANK

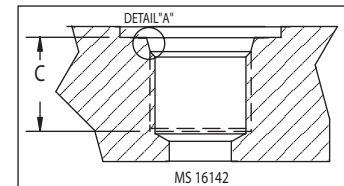
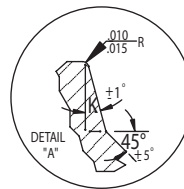
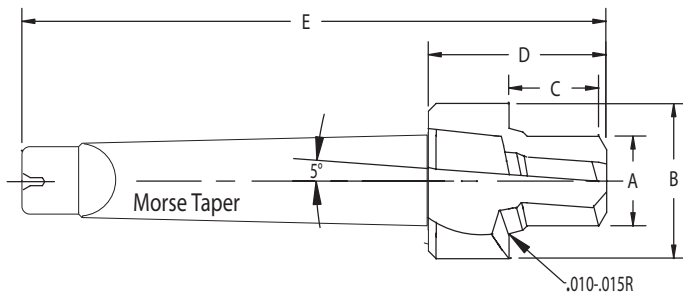
MS16142 / J514 / J1926



Reamer pilot series porting tools profile the MS16142/J514F/J1926 contour. The reamer pilot also sizes the minor diameter per class 2B thread specification. Cutters are heat treated for toughness and durability. All tolerances are held within applicable Mil Specs. All grinding is done between centers to insure concentricity.

COATINGS AVAILABLE

- TITANIUM NITRIDE-TIN
- TITANIUM CARBONITRIDE-TICN
- TITANIUM ALUMINUM NITRIDE-TIALN
- AL TITANIUM NITRIDE-ALTN



COOLANT THRU AVAILABLE

TOOL NUMBER	TUBE NO.	TUBE SIZE	THREAD SIZE	A REAMER DIA.	B SPOTFACE DIA.	C REAMER LENGTH	D HEAD LENGTH	E OAL LENGTH	K ANGLE	SHANK DIMENSIONS	
										MORSE TAPER NO.	SHANK LENGTH
TSAE-02HL	2	1/8	5/16-24	.272	.682	.580	1-3/4	4-7/8	12	2MT	3-1/8
TSAE-03HL	3	3/16	3/8-24	.335	.760	.580	1-3/4	4-7/8	12	2MT	3-1/8
TSAE-04HL	4	1/4	7/16-20	.389	.838	.690	1-3/4	4-7/8	12	2MT	3-1/8
TSAE-05HL	5	5/16	1/2-20	.452	.916	.690	1-3/4	4-7/8	12	2MT	3-1/8
TSAE-06HL	6	3/8	9/16-18	.509	.979	.750	1-3/4	4-7/8	12	2MT	3-1/8
TSAE-08HL	8	1/2	3/4-16	.689	1.198	.840	2-0	5-7/8	15	3MT	3-7/8
TSAE-10HL	10	5/8	7/8-14	.806	1.354	.970	2-0	5-7/8	15	3MT	3-7/8
TSAE-12HL	12	3/4	1-1/16-12	.981	1.635	1.125	2-1/4	6-1/8	15	3MT	3-7/8
TSAE-14HL	14	7/8	1-3/16-12	1.106	1.775	1.125	2-1/4	6-1/8	15	3MT	3-7/8
TSAE-16HL	16	1"	1-5/16-12	1.231	1.920	1.125	2-1/4	6-1/8	15	3MT	3-7/8
TSAE-20HL	20	1-1/4	1-5/8-12	1.544	2.280	1.125	2-1/2	7-3/8	15	4MT	4-7/8
TSAE-24HL	24	1-1/2	1-7/8-12	1.794	2.570	1.125	2-1/2	7-3/8	15	4MT	4-7/8
TSAE-32HL	32	2	2-1/2-12	2.419	3.490	1.125	2-1/2	7-3/8	15	4MT	4-7/8

