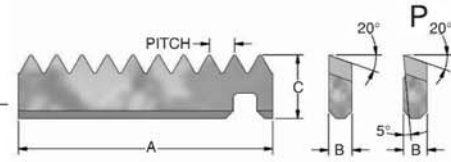


SOLID CARBIDE FORM GROUND REPLACEABLE INSERTS

ATM-410 - Unified (UN) Threads



UNIFIED (UN) THREADS

Dimensions in Inches

Part Number	Pitch	Flank Angle	Measurements			Clearance Angle	Coatings Available		
			A	B	C		Uncoated	Z TiAlN	V Hardmill
ATM-410A3B	3UN INT	60	1.500	0.130	0.475	20	X	O	O
ATM-410A3A	3UN EXT	60	1.500	0.130	0.475	20	X	O	O
ATM-410A3.5B	3.5UN INT	60	1.500	0.130	0.425	20	X	O	O
ATM-410A3.5A	3.5UN EXT	60	1.500	0.130	0.425	20	X	O	O
ATM-410A4B	4UN INT	60	1.500	0.130	0.375	20	X	X	O
ATM-410A4BP	4UN INT	60	1.500	0.130	0.375	20	X	O	O
ATM-410A4A	4UN EXT	60	1.500	0.130	0.375	20	X	O	O
ATM-410A4AP	4UN EXT	60	1.500	0.130	0.375	20	X	O	O
ATM-410A4.5B	4.5UN INT	60	1.500	0.130	0.375	20	X	X	O
ATM-410A4.5BP	4.5UN INT	60	1.500	0.130	0.375	20	X	O	O
ATM-410A4.5A	4.5UN EXT	60	1.500	0.130	0.375	20	X	O	O
ATM-410A4.5AP	4.5UN EXT	60	1.500	0.130	0.375	20	X	O	O
ATM-410A5	5UN	60	1.500	0.130	0.375	20	X	X	O
ATM-410A5P	5UN	60	1.500	0.130	0.375	20	X	O	O
ATM-410A6	6UN	60	1.500	0.130	0.375	20	X	X	O
ATM-410A6P	6UN	60	1.500	0.130	0.375	20	X	O	O
ATM-410A7	7UN	60	1.500	0.130	0.375	20	X	X	O
ATM-410A7P	7UN	60	1.500	0.130	0.375	20	X	O	O
ATM-410A8	8UN	60	1.500	0.130	0.375	20	X	X	O
ATM-410A8P	8UN	60	1.500	0.130	0.375	20	X	O	O
ATM-410A8/90	8/90	90	1.500	0.130	0.375	20	X	O	O
ATM-410A8/90P	8/90	90	1.500	0.130	0.375	20	X	O	O
ATM-410A9	9UN	60	1.500	0.130	0.375	20	X	X	O
ATM-410A9P	9UN	60	1.500	0.130	0.375	20	X	O	O
ATM-410A10	10UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A10P	10UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A11	11UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A11P	11UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A12	12UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A12P	12UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A13	13UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A13P	13UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A14	14UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A14P	14UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A16	16UN	60	1.500	0.130	0.310	20	X	X	O

X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
continued...

SOLID CARBIDE FORM GROUND REPLACEABLE INSERTS *CONTINUED*

ATM-410 - Unified (UN) Threads

UNIFIED (UN) THREADS *CONTINUED*

Dimensions in Inches

Part Number	Pitch	Flank Angle	Measurements			Clearance Angle	Coatings Available		
			A	B	C		Uncoated	Z TiAlN	V Hardmill
ATM-410A16P	16UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A16/90	16/90	90	1.500	0.130	0.310	20	X	O	O
ATM-410A16/90P	16/90	90	1.500	0.130	0.310	20	X	O	O
ATM-410A18	18UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A18P	18UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A20	20UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A20P	20UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A22	22UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A22P	22UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A24	24UN	60	1.500	0.130	0.310	20	X	X	O
ATM-410A24P	24UN	60	1.500	0.130	0.310	20	X	O	O
ATM-410A27	27UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A27P	27UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A28	28UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A28P	28UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A30	30UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A30P	30UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A32	32UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A32P	32UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A36	36UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A36P	36UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A40	40UN	60	1.500	0.130	0.310	10	X	X	O
ATM-410A40P	40UN	60	1.500	0.130	0.310	10	X	X	O

X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery