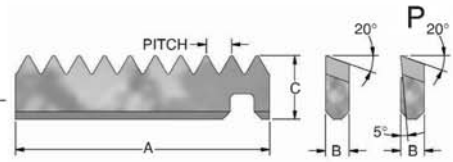


SOLID CARBIDE FORM GROUND REPLACEABLE INSERTS

National Straight Pipe (NPS) Threads



NATIONAL STRAIGHT PIPE (NPS) THREADS

Dimensions in Inches

Part Number	Pitch	Flank Angle	Measurements			Clearance Angle	Coatings Available		
			A	B	C		Uncoated	Z TiAlN	V Hardmill
ATM-38A27NPS	27NPS	60	1.000	0.093	0.250	10	X	O	O
ATM-38A27NPSP	27NPS	60	1.000	0.093	0.250	10	X	O	O
ATM-38A18NPS	18NPS	60	1.000	0.093	0.250	20	X	O	O
ATM-38A18NPSP	18NPS	60	1.000	0.093	0.250	20	X	O	O
ATM-38A14NPS	14NPS	60	1.000	0.093	0.250	20	X	O	O
ATM-38A14NPSP	14NPS	60	1.000	0.093	0.250	20	X	O	O
ATM-38A11.5NPS	11.5NPS	60	1.000	0.093	0.250	20	X	O	O
ATM-38A11.5NPSP	11.5NPS	60	1.000	0.093	0.250	20	X	O	O

ATM-38B18NPS	18NPS	60	1.500	0.093	0.250	20	X	O	O
ATM-38B18NPSP	18NPS	60	1.500	0.093	0.250	20	X	O	O
ATM-38B14NPS	14NPS	60	1.500	0.093	0.250	20	X	O	O
ATM-38B14NPSP	14NPS	60	1.500	0.093	0.250	20	X	O	O
ATM-38B11.5NPS	11.5NPS	60	1.500	0.093	0.250	20	X	O	O
ATM-38B11.5NPSP	11.5NPS	60	1.500	0.093	0.250	20	X	O	O
ATM-38B8NPS	8NPS	60	1.500	0.093	0.310	20	X	O	O
ATM-38B8NPSP	8NPS	60	1.500	0.093	0.310	20	X	O	O

ATM-410A18NPS	18NPS	60	1.500	0.130	0.310	20	X	O	O
ATM-410A18NPSP	18NPS	60	1.500	0.130	0.310	20	X	O	O
ATM-410A14NPS	14NPS	60	1.500	0.130	0.310	20	X	O	O
ATM-410A14NPSP	14NPS	60	1.500	0.130	0.310	20	X	O	O
ATM-410A11.5NPS	11.5NPS	60	1.500	0.130	0.310	20	X	O	O
ATM-410A11.5NPSP	11.5NPS	60	1.500	0.130	0.310	20	X	O	O
ATM-410A8NPS	8NPS	60	1.500	0.130	0.375	20	X	O	O
ATM-410A8NPSP	8NPS	60	1.500	0.130	0.375	20	X	O	O

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