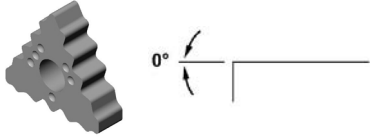
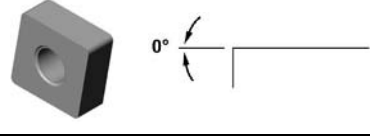
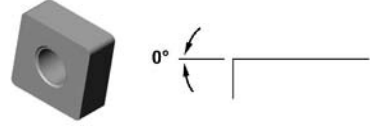
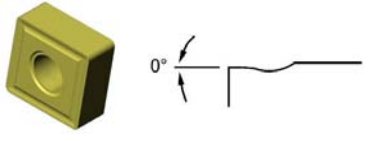
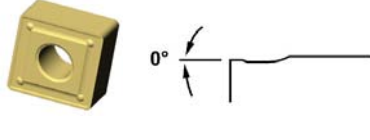
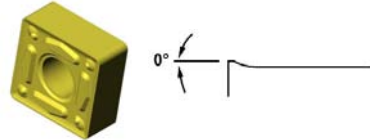
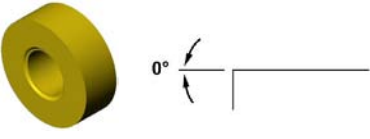




NEGATIVE RAKE BORING
for lock pin fastening systems

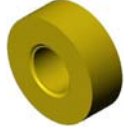
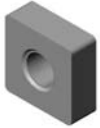

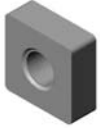
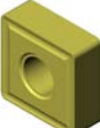

	Part Number	Coated			Uncoated			Dimensions (inches)			
		AN2015	AN2020	AN2025	AN2	AN6	AN28	IC	Thick.	Radius	Hole
3T50 Rough boring Triangle 	3T50					•		1/2	3/16	-	.203
	3T50QP					•		1/2	1/4	-	.203
CNMA Medium boring 80° Diamond 	CNMA 432				•			1/2	3/16	1/32	.203
	CNMA 433				•			1/2	3/16	3/64	.203
CNMA-KR Rough boring 80° Diamond 	CNMA 432-KR	•						1/2	3/16	1/32	.203
	CNMA 433-KR	•						1/2	3/16	3/64	.203
	CNMA 542-KR	•						5/8	1/4	1/32	.250
	CNMA 543-KR	•						5/8	1/4	3/64	.250
	CNMA 642-KR	•						3/4	1/4	1/32	.312
	CNMA 643-KR	•						3/4	1/4	3/64	.312
	CNMA 644-KR	•						3/4	1/4	1/16	.312
CNMG-GM Medium boring 80° Diamond 	CNMG 431-GM	•	•					1/2	3/16	1/64	.203
	CNMG 432-GM	•	•					1/2	3/16	1/32	.203
	CNMG 433-GM	•	•					1/2	3/16	3/64	.203
	CNMG 542-GM	•	•					5/8	1/4	1/32	.250
	CNMG 543-GM	•	•					5/8	1/4	3/64	.250
	CNMG 642-GM	•	•					3/4	1/4	1/32	.312
	CNMG 643-GM	•	•					3/4	1/4	3/64	.312
	CNMG 644-GM	•	•					3/4	1/4	1/16	.312
CNMG-LR Light rough boring 80° Diamond 	CNMG 432-LR	•	•					1/2	3/16	1/32	.203
	CNMG 433-LR	•	•					1/2	3/16	3/64	.203
	CNMG 434-LR	•	•					1/2	3/16	1/16	.203
	CNMG 543-LR	•	•					5/8	1/4	3/64	.250
	CNMG 643-LR	•	•					3/4	1/4	3/64	.312
	CNMG 644-LR	•	•					3/4	1/4	1/16	.312
	CNMG 646-LR	•	•					3/4	1/4	3/32	.312
CNMG-MM Medium boring 80° Diamond 	CNMG 432-MM			•				1/2	3/16	1/32	.203
	CNMG 433-MM			•				1/2	3/16	3/64	.203
	CNMG 542-MM			•				5/8	1/4	1/32	.250
	CNMG 543-MM			•				5/8	1/4	3/64	.250
	CNMG 642-MM			•				3/4	1/4	1/32	.312
	CNMG 643-MM			•				3/4	1/4	3/64	.312
RNMA Medium boring Round 	RNMA 32				•			3/8	1/8	-	.150
	RNMA 43				•			1/2	3/16	-	.203
	RNMA 44				•			1/2	1/4	-	.203

Grade details, see pages 7-9

Nomenclature explanation, see pages 2-3

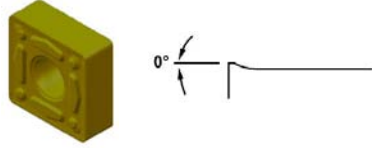
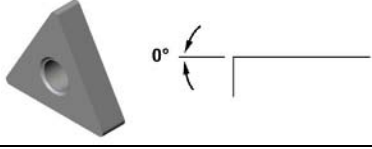
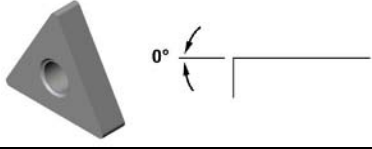
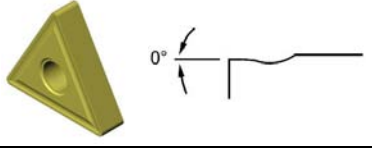
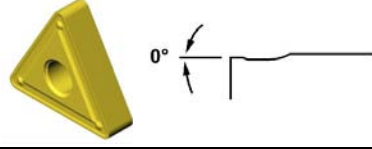
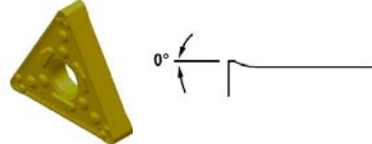


NEGATIVE RAKE BORING
for lock pin fastening systems

	Part Number	Coated			Uncoated			Dimensions (inches)			
		AN2015	AN2020	AN2025	AN2	AN6	AN28	IC	Thick.	Radius	Hole
RNMA-KR Rough boring Round 	RNMA 43-KR	•						1/2	3/16	-	.203
	RNMA 44-KR	•						1/2	1/4	-	.203
	RNMA 64-KR	•						3/4	1/4	-	.312
	RNMA 84-KR	•						1	1/4	-	.358
	RNMA 86-KR	•						1	3/8	-	.358
	RNMA 106-KR	•						1-1/4	3/8	-	.503
SNEA Rough boring Square 	SNEA 322					•	•	3/8	1/8	1/32	.150
	SNEA 432					•	•	1/2	3/16	1/32	.203
	SNEA 433					•	•	1/2	3/16	3/64	.203
	SNEA 543					•	•	5/8	1/4	3/64	.250
SNMA Medium boring Square 	SNMA 432				•			1/2	3/16	1/32	.203
	SNMA 433				•			1/2	3/16	3/64	.203
	SNMA 434				•			1/2	3/16	1/16	.203
SNMA-KR Rough boring Square 	SNMA 432-KR	•						1/2	3/16	1/32	.203
	SNMA 433-KR	•						1/2	3/16	3/64	.203
	SNMA 434-KR	•						1/2	3/16	1/16	.203
	SNMA 543-KR	•						5/8	1/4	3/64	.250
	SNMA 548-KR	•						5/8	1/4	1/8	.250
SNMG-GM Medium boring Square 	SNMG 432-GM	•	•					1/2	3/16	1/32	.203
	SNMG 433-GM	•	•					1/2	3/16	3/64	.203
	SNMG 434-GM	•	•					1/2	3/16	1/16	.203
	SNMG 543-GM	•	•					5/8	1/4	3/64	.250
	SNMG 544-GM	•	•					5/8	1/4	1/16	.250
SNMG-LR Light rough boring Square 	SNMG 432-LR	•	•					1/2	3/16	1/32	.203
	SNMG 543-LR	•	•					5/8	1/4	3/64	.250



NEGATIVE RAKE BORING
for lock pin fastening systems

	Part Number	Coated			Uncoated			Dimensions (inches)			
		AN2015	AN2020	AN2025	AN2	AN6	AN28	IC	Thick.	Radius	Hole
SNMG-MM Medium boring Square 	SNMG 432-MM			•				1/2	3/16	1/32	.203
TNMA Medium boring Triangle 	TNMA 432				•			1/2	3/16	1/32	.203
	TNMA 433				•			1/2	3/16	3/64	.203
	TNMA 434				•			1/2	3/16	1/16	.203
TNMA-KR Rough boring Triangle 	TNMA 432-KR	•						1/2	3/16	1/32	.203
	TNMA 433-KR	•						1/2	3/16	3/64	.203
	TNMA 434-KR	•						1/2	3/16	1/16	.203
	TNMA 436-KR	•						1/2	3/16	3/32	.203
	TNMA 438-KR	•						1/2	3/16	1/8	.203
TNMG-GM Medium boring Triangle 	TNMG 431-GM	•	•					1/2	3/16	1/64	.203
	TNMG 432-GM	•	•					1/2	3/16	1/32	.203
	TNMG 433-GM	•	•					1/2	3/16	3/64	.203
	TNMG 434-GM	•	•					1/2	3/16	1/16	.203
TNMG-LR Light rough boring Triangle 	TNMG 432-LR	•	•					1/2	3/16	1/32	.203
	TNMG 433-LR	•	•					1/2	3/16	3/64	.203
TNMG-MM Medium boring Triangle 	TNMG 432-MM			•				1/2	3/16	1/32	.203