
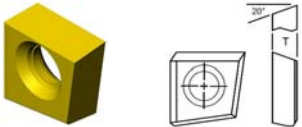
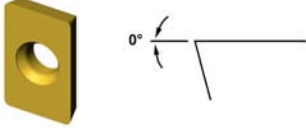
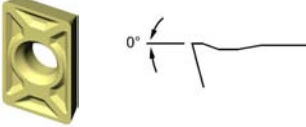
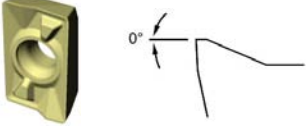
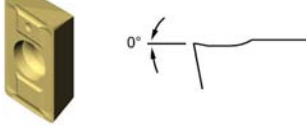
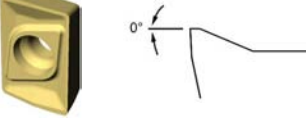




MILLING AND DRILLING for screw fastening systems

	Part Number	Coated										Uncoated				Dimensions (inches)					
		AN2015	AN2020	AN2035	AN3020	AN3030	AN4030	AN4040	AN4045	AN4120	AN6115	AN2	AN6	AN20	AN28	IC	Thick.	Radius / Flat	Hole		
4.21-611 Automotive milling 	4.21103R611				•									•				-	.157	-	.189
	4.21103L611				•									•				-	.157	-	.189
4.21-616 Automotive milling 	4.21107R616				•									•			-	.157	-	.189	
	4.21107L616				•									•			-	.157	-	.189	
ADCB End milling 	ADCB 150304					•											3/8	1/8	1/64	.177	
	ADCB 150308					•											3/8	1/8	1/32	.177	
	ADCB 150312					•											3/8	1/8	3/64	.177	
ADCH End milling 	ADCH 150304					•											3/8	1/8	1/64	.177	
	ADCH 150308					•											3/8	1/8	1/32	.177	
	ADCH 150312					•											3/8	1/8	3/64	.177	
APEH End milling 	APEH 532PDR					•											5/8	3/16	1/32	.173	
	APEH 534PDR					•											5/8	3/16	1/16	.173	
	APEH 538PDR					•											5/8	3/16	1/8	.173	
APFT End milling 	APFT 1604PDR					•											3/8	3/16	1/32	.173	
APKT End milling 	APKT 1003PDR					•											.262	.137	.019	.110	

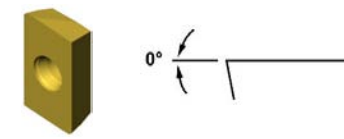
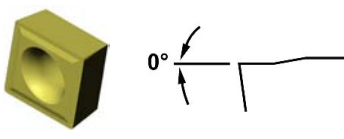
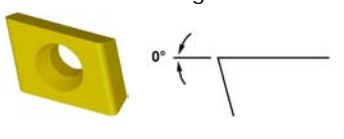
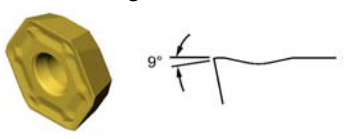
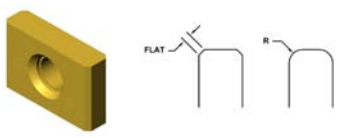
Grade details, see pages 7-9

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Milling and Drilling Inserts for screw fastening systems

MILLING AND DRILLING for screw fastening systems

	Part Number	Coated										Uncoated				Dimensions (inches)					
		AN2015	AN2020	AN2035	AN3020	AN3030	AN4030	AN4040	AN4045	AN4120	AN6115	AN2	AN6	AN20	AN28	IC	Thick.	Radius / Flat	Hole		
APKW End milling 85° Parallelogram 	APKW 1604PDR					•											3/8	3/16	.057	.173	
	CCGT-GF Drilling, Boring 80° Diamond 	CCGT 21.50-GF	•	•												•			1/4	3/32	.004
	CCGT 21.51-GF	•	•												•			1/4	3/32	1/64	.112
	CCGT 21.52-GF	•	•												•			1/4	3/32	1/32	.112
	CCGT 32.50-GF	•	•												•			3/8	5/32	.004	.179
	CCGT 32.51-GF	•	•												•			3/8	5/32	1/64	.179
	CCGT 32.52-GF	•	•												•			3/8	5/32	1/32	.179
CDE Automotive milling 80° Diamond 	CDE 322R05				•	•											3/8	.150	1/32	.168	
	CDE 322L05				•	•												3/8	.150	1/32	.168
	CDE 322R02				•	•												3/8	.150	1/16	.168
	CDE 322L02				•	•												3/8	.150	1/16	.168
	CDE 322R03				•	•												3/8	.150	3/32	.168
	CDE 322L03				•	•												3/8	.150	3/32	.168
	CDE 322R04				•	•												3/8	.150	1/8	.168
	CDE 322L04				•	•												3/8	.150	1/8	.168
	CDE 323L05				•	•												3/8	3/16	1/32	.168
	CDE 334R04				•	•												3/8	1/4	13/64	.168
HPCT Face milling Hexagon 	HPCT 0904ADN					•											5/8	3/16	.077	.215	
LNE Automotive milling Rectangle 	LNE 323-01				•	•											3/8	3/16	.06 x 30°	.161	
	LNE 323-02				•	•												3/8	3/16	.03 x 45°	.161
	LNE 323-04				•	•												3/8	3/16	.060	.161
	LNE 324-05				•	•												3/8	1/4	.03 x 45°	.161
	LNE 433-20				•	•												1/2	3/16	.03 x 45°	.217
	LNE 434-02				•	•												1/2	1/4	.03 x 45°	.217
	LNE 434-05				•	•												9/16	1/4	.060	.217
	LNE 434-20				•	•												1/2	1/4	.03 x 45°	.217
	LNE 443-01				•	•												1/2	3/16	.090	.212
	LNE 443-20				•	•												1/2	3/16	.03 x 45°	.217
	LNE 444-20				•	•												1/2	1/4	.03 x 45°	.217
	LNE 446-01				•	•												9/16	3/8	.06 x 45°	.217

Grade details, see pages 7-9

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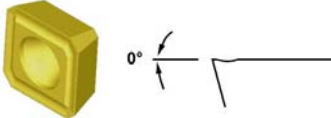
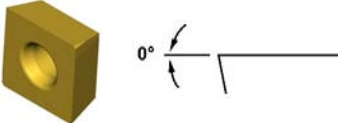
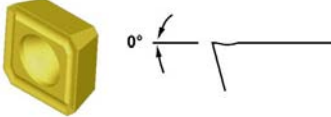
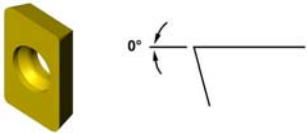
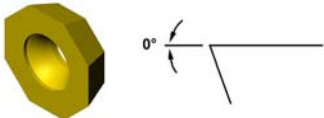
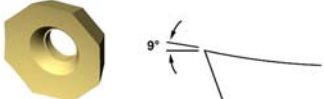
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Milling and Drilling Inserts for screw fastening systems

MILLING AND DRILLING for screw fastening systems


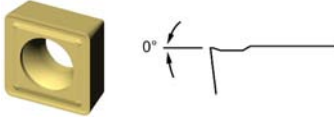
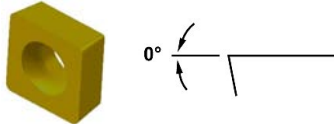
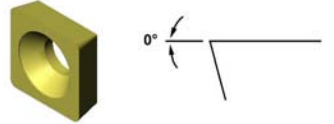
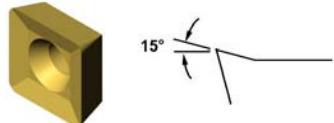
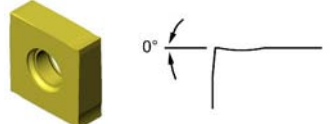
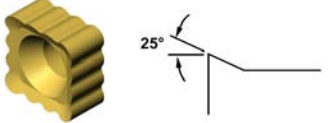
	Part Number	Coated										Uncoated				Dimensions (inches)				
		AN2015	AN2020	AN2035	AN3020	AN3030	AN4030	AN4040	AN4045	AN4120	AN6115	AN2	AN6	AN20	AN28	IC	Thick.	Radius / Flat	Hole	
LSE Face milling Rectangle 	LSE 444L01					•											1/2	.280	-	.183
	LSE 444R01					•											1/2	.280	-	.183
MDGH Drilling 86° Diamond 	MDGH 21.5						•	•									1/4	.100	.044	.102
	MDGH 2.52						•	•									.308	.120	.040	.135
MPFW Drilling 86° Diamond 	MPFW 110400N					•											7/16	3/16	-	.177
MPGH Drilling 86° Diamond 	MPGH 2.52						•	•									.308	.120	.039	.135
	MPGH 32						•	•									.368	.120	.040	.176
	MPGH 3.53						•	•									.430	.182	.046	.176
	MPGH 43						•	•									.494	.182	.050	.220
	MPGH 4.53						•	•									.555	.182	.049	.220
	MPGH 53						•	•									.619	.182	.048	.220
NDCB End milling 86° Parallelogram 	NDCB 1503PDR					•											3/8	1/8	1/16	.175
OECW Face milling Octagon 	OECW 531					•											5/8	3/16	1/64	.205
OECX Face milling Octagon 	OECX 531										•						5/8	3/16	1/64	.205

Grade details, see pages 7-9

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MILLING AND DRILLING for screw fastening systems

	Part Number	Coated										Uncoated				Dimensions (inches)				
		AN2015	AN2020	AN2035	AN3020	AN3030	AN4030	AN4040	AN4045	AN4120	AN6115	AN2	AN6	AN20	AN28	IC	Thick.	Radius / Flat	Hole	
SCCT Face and end milling 	SCCT 12M5ACR					•											1/2	.197	.072	.215
SCGT-FM Drilling, Boring 	SCGT 32.51-FM	•	•									•					3/8	5/32	1/64	.179
	SCGT 32.52-FM	•	•									•						3/8	5/32	1/32
SCGW Face milling 	SCGW 32.52											•					3/8	5/32	1/32	.179
SDEB Face and end milling 	SDEB 21.51			•	•				•								1/4	3/32	1/64	.115
	SDEB 633			•	•			•										3/4	3/16	3/64
SDEH Face milling 	SDEH 2.522			•	•				•								5/16	1/8	1/32	.115
SNCC Slot milling 	SNCC 113.6SPT					•											.433	.145	-	.174
SNMC Rough end milling 	SNMC 222			•					•								1/4	1/8	1/32	.115
	SNMC 333			•					•									3/8	3/16	3/64

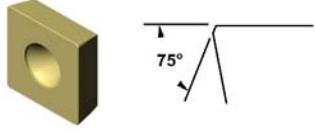
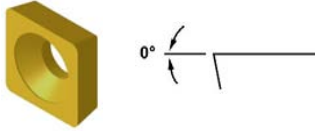
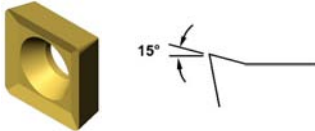
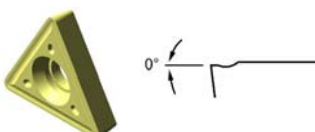
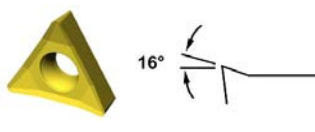
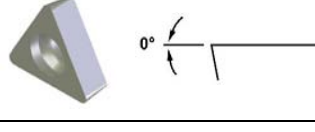
Grade details, see pages 7-9

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Milling and Drilling Inserts for screw fastening systems

MILLING AND DRILLING for screw fastening systems

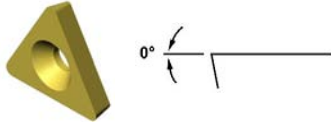

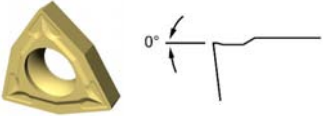
	Part Number	Coated											Uncoated				Dimensions (inches)			
		AN2015	AN2020	AN2035	AN3020	AN3030	AN4030	AN4040	AN4045	AN4120	AN6115	AN2	AN6	AN20	AN28	IC	Thick.	Radius / Flat	Hole	
SPCW-T Face milling Square 	SPCW 642T					•											3/4	1/4	1/32	.258
SPEB Face and end milling Square 	SPEB 221			•	•				•								1/4	1/8	1/64	.115
	SPEB 222			•	•				•								1/4	1/8	1/32	.115
	SPEB 322			•	•			•	•	•							3/8	1/8	1/32	.158
	SPEB 422			•	•			•	•	•							1/2	1/8	1/32	.178
	SPEB 532								•		•						5/8	3/16	1/32	.217
	SPEB 633								•		•						3/4	3/16	3/64	.312
SPEH Face and end milling Square 	SPEH 222			•	•				•								1/4	1/8	1/32	.115
	SPEH 2.522			•	•				•								5/16	1/8	1/32	.115
	SPEH 322			•	•				•								3/8	1/8	1/32	.156
	SPEH 332			•	•				•								3/8	3/16	1/32	.150
	SPEH 432			•	•				•								1/2	3/16	1/32	.215
	SPEH 433			•	•				•								1/2	3/16	3/64	.215
TCGT Drilling, Boring Triangle 	TCGT 21.50	•	•								•						1/4	3/32	.005	.123
	TCGT 21.51	•	•								•						1/4	3/32	1/64	.123
	TCGT 21.52	•	•								•						1/4	3/32	1/32	.123
	TCGT 221	•	•								•						1/4	1/8	1/64	.123
	TCGT 222	•	•								•						1/4	1/8	1/32	.123
	TCGT 321	•	•								•						3/8	1/8	1/64	.177
	TCGT 322	•	•								•						3/8	1/8	1/32	.177
	TCGT 323	•	•								•						3/8	1/8	3/64	.177
	TCGT 32.51	•	•								•						3/8	5/32	1/64	.177
	TCGT 32.52	•	•								•						3/8	5/32	1/32	.177
	TCGT 431	•	•								•						1/2	3/16	1/64	.218
	TCGT 432	•	•								•						1/2	3/16	1/32	.218
	TCGT 433	•	•								•						1/2	3/16	3/64	.218
TCGT-HP Drilling, Boring Triangle 	TCGT 32.52-HP									•							3/8	5/32	1/32	.177
TCGW Boring Triangle 	TCGW 731										•						7/32	3/32	1/64	.095

Grade details, see pages 7-9

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MILLING AND DRILLING for screw fastening systems

	Part Number	Coated										Uncoated				Dimensions (inches)						
		AN2015	AN2020	AN2035	AN3020	AN3030	AN4030	AN4040	AN4045	AN4120	AN6115	AN2	AN6	AN20	AN28	IC	Thick.	Radius / Flat	Hole			
TD-P Face milling Triangle 	TD 6P																	3/8	1/8	1/32	.130	
	TD 8P																		1/2	3/16	1/32	.177
	TD 10P																		5/8	3/16	1/16	.250
TEGX-BN End milling Triangle 	TEGX 356-625-BN																	.356	.167	-	.135	
	TEGX 422-750-BN																		.422	.171	-	.173
	TEGX 427-1000-BN																		.427	.171	-	.173
WCGT Drilling Trigon 	WCGT 020102																	.156	.063	.008	.091	
	WCGT 020104																		.156	.063	1/64	.091
	WCGT 030202																		.219	3/32	.008	.091
	WCGT 030204																		.219	3/32	1/64	.091
	WCGT 040202																		1/4	3/32	.008	.112
	WCGT 040204																		1/4	3/32	1/64	.112
	WCGT 06T304																		3/8	5/32	1/64	.175
	WCGT 06T308																		3/8	5/32	1/32	.175

