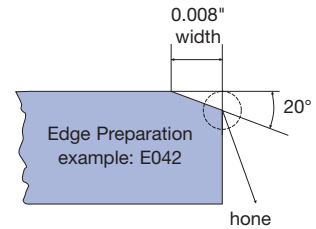
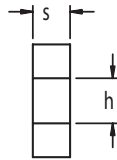
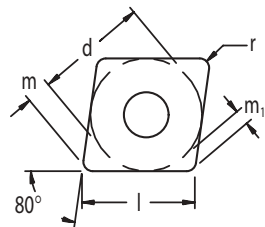


C Style Turning Inserts

CNGA



Part Number		Dimensions (inch)							Grade					
ANSI	ISO	d	l	s	r	m	m1	h	SA7402		SA8204		SA8405	
									Stock	Edge Prep	Stock	Edge Prep	Stock	Edge Prep
CNGA431	CNGA120404	0.500	0.508	0.188	0.016	0.130	0.072	0.203	◆◆◆	E042	◆◆	E040	◆◆	E020
CNGA432	CNGA120408	0.500	0.508	0.188	0.031	0.122	0.067	0.203	◆◆◆	E042	◆◆	E040	◆◆	E020
CNGA433	CNGA124012	0.500	0.508	0.188	0.047	0.113	0.620	0.203	◆◆◆	E042	◆◆	E040	◆◆	E020
CNGA434	CNGA120416	0.500	0.508	0.188	0.063	0.104	0.057	0.203	◆◆◆	E042	◆◆	E040	◆◆	E020
CNGA452	CNGA120708	0.500	0.508	0.313	0.031	0.122	0.067	0.203	◆◆◆	E042	◆◆	E040	◆◆	E020
CNGA453	CNGA120712	0.500	0.508	0.313	0.047	0.113	0.062	0.203	◆◆◆	E042	◆◆	E040	◆◆	E020
CNGA454	CNGA120716	0.500	0.508	0.313	0.063	0.104	0.057	0.203	◆◆◆	E042	◆◆	E040	◆◆	E020
CNGA542	CNGA160608	0.625	0.633	0.250	0.031	0.156	0.086	0.250	-	-	◆◆	E040	-	-
CNGA543	CNGA160612	0.625	0.633	0.250	0.047	0.148	0.081	0.250	-	-	◆◆	E040	-	-
CNGA544	CNGA160616	0.625	0.633	0.250	0.063	0.139	0.076	0.250	◆◆◆	E042	-	-	-	-
CNGA552	CNGA160708	0.625	0.633	0.313	0.031	0.156	0.086	0.250	◆◆◆	E042	-	-	-	-
CNGA553	CNGA160712	0.625	0.633	0.313	0.047	0.148	0.081	0.250	◆◆◆	E042	◆◆	E040	-	-
CNGA554	CNGA160716	0.625	0.633	0.313	0.063	1.390	0.076	0.250	-	-	◆◆	E040	-	-
CNGA642	CNGA190608	0.750	0.763	0.250	0.031	0.191	0.105	0.312	◆◆◆	X542	◆◆	X433	◆◆	E040
CNGA643	CNGA190612	0.750	0.763	0.250	0.047	0.182	0.100	0.312	-	-	◆◆	X433	-	-
CNGA644	CNGA190616	0.750	0.763	0.250	0.063	0.174	0.095	0.312	◆◆◆	X542	-	-	-	-
CNGA654	CNGA190716	0.750	0.763	0.313	0.063	0.174	0.095	0.312	◆◆◆	X542	-	-	-	-

Ordering example: CNGA 431 SA7402

Star Guide Key to Recommended Inserts

Material Designations			
P ◆	Unalloyed Steels	M ◆	Stainless Steels
K ◆	Cast Irons	S ◆	High Temp. Alloys
P ◆	Alloyed Steels	M ◆	PH Stainless
N ◆	Aluminium & Alloys	H ◆	Hard Materials