Boring Bar ANSI Designation Chart

S	16	T-	S	C	L	C	R	- 3
Boring Bar Type	Bar Dia	Length	Insert Holding	Insert Shape	Boring Bar Style	Insert Relief *L*	Hand	Insert IC
S = solid steel bar	03 = 3/16"	F = 3"	M = clamp and lock pin	C = 80 deg. diamond	F = 0º end cutting	N = 0º	R = right hand	1.2 = 5/32"
A = steel bar w/ coolant hole	04 = 1/4"	G = 3 1/2"	P = lock pin only	D = 55 deg. diamond	J = -3º side cutting	A = 3º	L = left hand	1.5 = 3/16"
B = solid steel anti-vib bar	05 = 5/16"	H = 4"	C = clamp only	K = parallelogram	K = 15º end cutting	B = 5º		1.8 = 7/32"
D = steel anti-vib bar w/ coolant hole	06 = 3/8"	J = 4 1/2"	S = screw lock only	L = rectangle	L = -5º side & end cut	C = 7º		2 = 1/4"
C = carbide bar (steel head)	08 = 1/2"	K = 5"		R = round	Q = -17.5º end cutting	P = 11º		2.5 = 5/16"
E = carbide bar (steel head) w/ coolant hole	10 = 5/8"	L = 5 1/2"		S = square	S = 45º end cutting	D = 15º		3 = 3/8"
F = carbide anti-vib bar (steel head)	12 = 3/4"	M = 6"		T = triangle	U = -3º end cutting	E = 20º		4 = 1/2"
G = carbide anti-vib bar (steel head) w/ coolant hole	16 = 1"	N = 6 1/2"		V = 35 deg. diamond	W = -30º end cutting	F = 25º		5 = 5/8"
H = heavy metal bar	20 = 1 1/4"	P = 6 3/4"		W = trigon	Y = 5º end cutting	G = 30º		6 = 3/4"
J = heavy metal bar w/ coolant hole	24 = 1 1/2"	Q = 7"						8 = 1"
	28 = 1 3/4"	R = 8"						10 = 1 1/4"
	32 = 2"	S = 10"						
	36 = 2 1/4"	T = 12"						
	40 = 2 1/2"	U = 14"						
		V = 16"						
		W = 18"						
		Y = 20"						
		Z = special						