How to read an IADC Code properly

First Digit	TOOTH
1	Steel tooth bits for Soft Formation
2	Steel tooth bits for Medium Formation
3	Steel tooth bits for Hard Formation
4	
5	TUNGSTEN CARBIDE INSERT BITS
6	For varying formation hardness with 4 being the softest and 8 the
7	hardest.
8	
Second Digit	FORMATION
1	
2	1,2,3 and 4 are further breakdown of formation with 1 being the
3	softest and 4 the hardest.
4	
Third Digit	BEARING/SEAL TYPE
1	Standard open bearing roller bit
2	Standard open bearing roller bit, air-cooled
3	Standard open bearing roller bit with gauge protection
4	Sealed roller bearing bit
5	Sealed roller bearing bit with gauge protection
6	Journal sealed bearing bit
7	Journal sealed bearing bit with gauge protection
Fourth Digit	ADDITIONAL FEATURES
A	Air application
R	Reinforced welds
C	Center jet
S	Standard steel tooth
D	Deviation control
X	Chisel insert
E	Extended jet
Y	Conical Insert
G	Extra gage protection
Z	Other insert shape
J	Jet Deflection

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