



IADC Classification Chart		Standard Roller Bearing	Roller Bearing Air Cooled	Roller Bearing Gage Protected	Sealed Roller Bearing	Sealed Roller Bearing Gate Protected	Sealed Friction Bearing	Sealed Friction Bearing Gage Protected
Smith		1	2	3	4	5	6	7
1	Steel Tooth Soft	1	DSJ		SDS	MSDSH MSDSSH MSDSSHOD	FDS FDS+ FDSS+ FDS+2 FDSS+2	MFDSSH MFDSSH MFDSSHOD
		2	DTJ				FTD	FDTH
		3	DGJ				SDGH MSDGH MSDGHOD	FDG FDGH MFDGH MFDGHOD
2	Steel Tooth Medium	1	V2J			SVH	FV	FVH
		3						
3	Steel Tooth Hard	1						
		2						
4	Insert Very Soft	1	O2M MO2S MO2SOD					O2MF
		3				10M 12M M1S M1SOD M10T M12S 15M	F1 F10D 10MF 12MF F10T F12T F15	
		4				15MD 15JS M15SD M15SOD	MF15 F14 F14D	
		1				M2S 20M 20MD M20T	F15H F17 F2 F2H F25 MF2 F20D MF27	
		2				M27S M27SD	MF27D F27D	
		3				3JS M3S M3SOD	F3 F3H MF3 F3D F30D F3HOD	
		4					F35 F37 F37D MF37	
6	Insert Medium	1				4JS	F4 F4A F4H F45H F47 F47A F47OD F47H	
		2				5JS	F5 F50D MF5D	
		3					F57 F57D F57OD	
7	Insert Hard	3	7GA				F7 F7OD	
8	Insert Very Hard	3					F9 F90D	