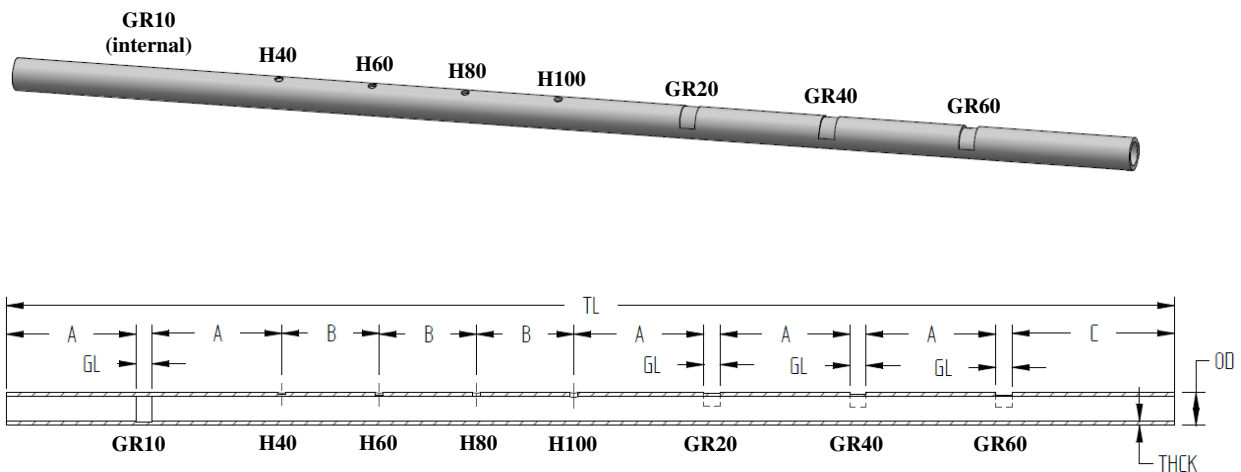


MAGNETIC FLUX LEAKAGE: STANDARD CALIBRATION TUBE

RECOMMENDED CALIBRATION TUBES

The CT50 MFL calibration tube below provides all defects that are required to perform a good MFL calibration and build strong voltage-to-depth curves. Even if MFL is primarily a detection technique, the CT50 tube provides best results for calibration.



ARTIFICIAL DEFECT PARAMETERS IN FUNCTION OF TUBE WT AND OD

Defect	Depth (%WT)	Diameter	Defect	Depth (%WT)	Diameter
GR10	10 % (internal)	-	H100	Thru	If OD < 1.00", OD / 6 Else: 4mm
GR20	20 %	On (180°)	H80	80 %	0.078"
GR40	40 %	On (180°)	H60	60%	0.125"
GR60	60 %	On (180°)	H40	40%	0.188"

VARIABLE CHART IN FUNCTION OF TUBE OD

Variable	Value		Variable	Value	
	in	mm		in	mm
A	4.00"	102mm	GL	1/2 "	13mm
B	3.00"	76mm	TL	36"	914mm
C	5.00"	127mm			