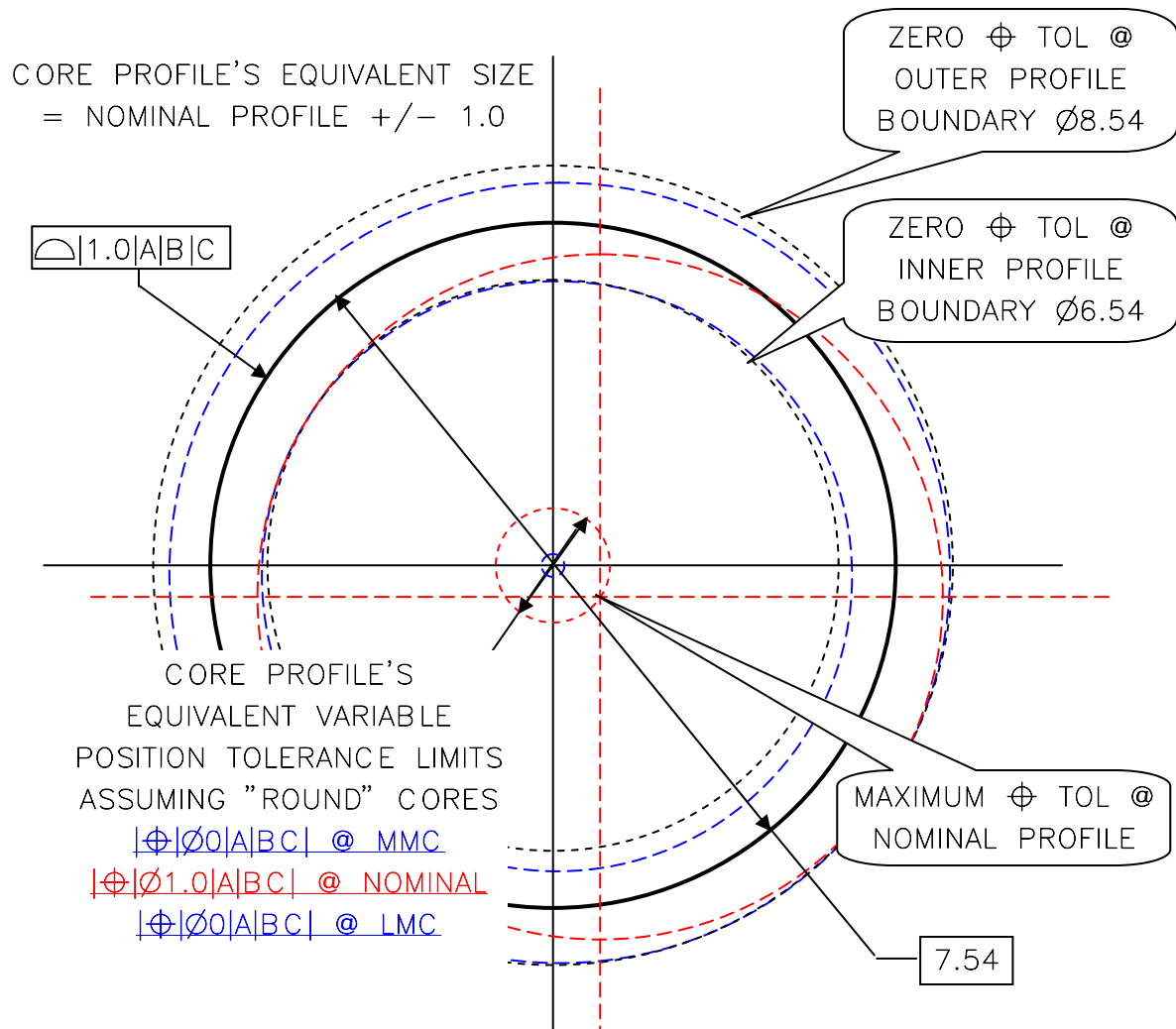


CAST PROFILE TOLERANCE CONVERSION TO CORE SIZE & VARIABLE POSITION TOLERANCES



USE THE FOLLOWING EQUATION TO FIGURE
THE AMOUNT OF VARIABLE POSITION TOLERANCE

$$\text{VARIABLE } \oplus \text{ TOL} = \text{SPECIFIED } \triangle \text{ TOL} - \text{ABS}(\text{ACTUAL SIZE} - \text{NOMINAL SIZE})$$

VARIABLE POSITION TOLERANCE	SPECIFIED PROFILE TOLERANCE	MEASURED CORE SIZE	NOMINAL CORE SIZE
0	1.00	8.54	7.54
0.5	1.00	8.04	7.54
1	1.00	7.54	7.54
0.5	1.00	7.04	7.54
0	1.00	6.54	7.54