

PRINT SYMBOL REFERENCE CHART

| SYMBOL FOR | ANSI Y14.5 | ISO |
|-------------------------------|------------|------|
| STRAIGHTNESS | | |
| FLATNESS | | |
| CIRCULARITY | | |
| CYLINDRICITY | | |
| PROFILE OF A LINE | | |
| PROFILE OF A SURFACE | | |
| ALL AROUND-PROFILE | | NONE |
| ANGULARITY | | |
| PERPENDICULARITY | | |
| PARALLELISM | | |
| POSITION | | |
| CONCENTRICITY / COAXIALITY | | |
| SYMMETRY | NONE | |
| CIRCULAR RUNOUT | | |
| TOTAL RUNOUT | | |
| AT MAXIMUM MATERIAL CONDITION | | |
| AT LEAST MATERIAL CONDITION | | NONE |
| REGARDLESS OF FEATURE SIZE | | NONE |
| PROJECTED TOLERANCE ZONE | | |
| DIAMETER | | |
| BASIC DIMENSION | | |
| REFERENCE DIMENSION | (50) | (50) |
| DATUM FEATURE | | |
| DATUM TARGET | | |
| TARGET POINT | X | X |
| DIMENSION ORIGIN | | NONE |
| FEATURE CONTROL FRAME | | |
| CONICAL TAPER | | |
| SLOPE | | |
| COUNTERBORE / SPOTFACE | | NONE |
| COUNTERSINK | | NONE |
| DEPTH / DEEP | | NONE |
| SQUARE (SHAPE) | | |
| DIMENSION NOT TO SCALE | 15 | 15 |
| NUMBER OF TIMES / PLACES | 8X | 8X |
| ARC LENGTH | | NONE |
| RADIUS | R | R |
| SPHERICAL RADIUS | SR | NONE |
| SPHERICAL DIAMETER | SØ | NONE |