








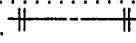




ABBREVIATIONS AND SYMBOLS USED ON TECHNICAL DRAWINGS

Across FlatsACRFLT
 American National Standards InstituteANSI
 And&
 AngularANLR
 ApproximateAPPROX
 AssemblyASSY
 BasicBSC
 Bill of MaterialB/M
 Bolt CircleBC
 BrassBR
 Brown and Sharpe GageB&S GA
 BushingBUSH
 Canada Standards InstituteCSI
 Carbon SteelCS
 CastingCSTG
 Cast IronCI
 Center LineCL or 
 Center to CenterC to C
 Centimetercm
 ChamferCHAM
 CircularityCIR
 Cold-Rolled SteelCRS
 ConcentricCONC
 Counterbore or CBORE
 CounterdrillCDRILL
 Countersink or CSK
 Cubic Centimetercm³
 Cubic Meterm³
 DatumDAT
 Degree° or DEG
 DepthDP or 
 Diameter∅ or DIA
 Diametral PitchDP
 DimensionDIM
 DrawingDWG
 EccentricECC
 Equally SpacedEQL SP
 FigureFIG
 Finish All OverFAO
 FlatFL
 GageGA
 Gray IronGI
 HeadHD
 Heat TreatHT TR
 HeavyHVY
 HexagonHEX
 HydraulicHYDR
 Inside DiameterID
 International Organization for StandardizationISO
 International Pipe StandardIPS
 Kilogramkg
 Kilometerkm
 Left HandLH
 LengthLG
 LiterL
 Machine SteelMST

Machined
 Malleable IronMI
 MaterialMATL
 MaximumMAX
 Maximum Material Condition or MMC
 Meterm
 Metric ThreadM
 Micrometerμm
 Millimetermm
 MinimumMIN
 ModuleMDL
 NewtonN
 NominalNOM
 Not to ScaleXX
 NumberNO
 On CenterOC
 Outside DiameterOD
 ParallelPAR
 PascalPa
 PerpendicularPERP
 PitchP
 Pitch CirclePC
 Pitch DiameterPD
 PlatePL
 RadiusR
 Reference or Reference Dimension() or REF
 Regardless of Feature Size
 Revolutions per Minuterev/min
 Right HandRH
 Root DiameterRD
 Second (Arc)(")
 Second (Time)SEC
 SectionSECT
 SlottedSLOT
 SocketSOCK
 SphericalSPHER
 Spotface or SFACE
 Square or SQ
 Square Centimetercm²
 Square Meterm²
 SteelSTL
 StraightSTR
 Symmetrical or SYM
 Taper—Flat
 —Round
 Taper Pipe ThreadNPT
 ThreadTHD
 ThroughTHRU
 ToleranceTOL
 True ProfileTP
 U.S. GageUSG
 WattW
 Wrought IronWI
 Wrought SteelWS

