DAFTAR NOTASI

Symbol	Symbol Explanation
εPl	Strain
σEd	Eq. stress
Ft	Tension force
V	Resultant of shear forces Vy, Vz in bolt
Rn/ΩTension	Bolt tension resistance AISC 360-16 J3.6
Rn/ΩShear	Bolt shear resistance AISC 360-16 – J3.8
Rn/ΩBearing	Plate bearing resistance AISC 360-16 J3.10
Utt	Utilization in tension
Uts	Utilization in shear
Utts	Interaction of tension and shear AISC 360-16 J3.7
Xu	Filler metal tensile strength
Th	Throat thickness of weld
Ut	Utilization
Fnt	Nominal tensile stress from AISC 360-16 J3.2
Fnv	Nominal shear stress from AISC 360-16 J3.2
Ab	Gross cross-section area
Ω	Safety factor
t	thickness of connected material
Fu	specified minimum tensile strength of the connected material
d	nominal bolt diameter
Ic	clear distance, in the direction of the force
w	web of beam
bfl	botton of flange beam
tfl	top of flange beam
WID	Wideners Plate