









Table WD-3234-1  
Stress Limit Factors for Bolt Design by Analysis

Stress Limit Factors for Loading Levels Stated in Design Specification  
[Note (1)]

Stress Category	Design	Service Level A	Service Level C	Service Level D
Tension and shear	$K_{bo} = 1.0$	$K_{bo} = 1.0$	$K_{bo} = 1.25$	[Note (2)]

GENERAL NOTE:

$K_{bo}$  = stress limit factor applicable to the allowable tensile and shear stresses

NOTES:

(1) Not to be used for friction-type connections.

(2) Use Section III Appendices, Nonmandatory Appendix F, F-1335.

$K_{bo} = 1.5$  ADD

REPLACE

(2) Average tensile stress shall not exceed  $0.7S_u$  and  $S_y$ , and average bolt shear stress shall not exceed  $0.42 S_u$  and  $0.6 S_y$ .