

Table 1. Available geometries for the known solution approach within the NASGRO (1999) code.

Through Cracks:	
TC01:	Through crack at center of plate
TC02:	Through crack at edge of plate
TC03:	Through crack from an offset hole in a plate
TC04:	Through crack from hole in a lug
TC05:	Through crack from hole in a plate with a row of holes
TC06:	Through crack in a sphere
TC07:	Through crack in a cylinder (longitudinal direction)
TC08:	Through crack in a cylinder (circumferential direction)
TC09:	Through crack from hole in a plate under combined loading
TC10:	Through crack from hole in a cylinder (circumferential direction)
Embedded Cracks:	
EC01:	Embedded crack in a plate
Corner Cracks:	
CC01:	Corner crack in a rectangular plate
CC02:	Corner crack from hole in a plate
CC03:	Corner crack from hole in a lug
CC04:	Corner crack from hole in a plate (one or two cracks)
Surface Cracks:	
SC01:	Surface crack in a rectangular plate – tension and/or bending
SC02:	Surface crack in a rectangular plate – nonlinear stress
SC03:	Surface crack in a spherical pressure vessel
SC04:	Longitudinal surface crack in a hollow cylinder – nonlinear stress
SC05:	Thumbnail crack in a hollow cylinder
SC06:	Circumferential crack in a hollow cylinder – nonlinear stress
SC07:	Thumbnail crack in a solid cylinder
SC08:	Thumbnail crack in a threaded, solid cylinder
SC09:	Circumferential crack at thread root in a cylinder
SC10:	Circumferential crack in a threaded pipe – nonlinear stress
SC11:	Surface crack from hole in a plate (one or two cracks)
SC12:	Surface crack from hole in a lug (one or two cracks)
SC13:	Surface crack in bolt head fillet - Shear bolt
SC14:	Surface crack in bolt head fillet - Tension bolt
Standard Specimens:	
SS01:	Center-cracked tension specimen M(T)
SS02:	Compact tension specimen C(T)
SS03:	Disc-shaped compact tension specimen DC(T)
SS04:	Arc-shaped tension specimen A(T)
SS05:	Three-point bend specimen SE(B)
SS06:	Edge cracked tension specimen SE(T) – constrained ends
SS07:	Notched round bar specimen R-bar(T) – circumferential crack
SS08:	Notched plate with a surface crack
SS09:	Notched plate with a corner crack
SS10:	Notched plate with a through crack