**MD2000 STANDARD SECTIONS TO HAMBRO GIRDER**

**NOTE:**

Multiple steel deck connections options are specified. The chosen one must be in accordance with the project consultant engineer.

- **MINIMUM THICKNESS OF EPN 19 FOR t > HILTI STEEL DECK FASTENERS:**
  - (SEE BOLTED JOISTS TO HAMBRO GIRDER)

- **Typical Steel Deck Details:**
  - Steel Deck: 8" = Slab Thickness + Shoe Thickness
  - JOIST GIRDER
  - JOIST DEPTH (D)

- **Top of Bearing:**
  - 16" = Slab Thickness + Shoe Thickness
  - Steeel Deck: 3" or 4"

- **Fasteners @ 12" c/c:**
  - BOLTED JOISTS TO HAMBRO GIRDER

- **Girder Details:**
  - Multi-steel Deck Fasteners:
    - Design for 3", 6", 8" (Hambro shoe) or 8" & 12" (Support) (WAS)
    - Minimum thicknesses of the supporting steel

- **Bolted Joint Details:**
  - Standard Knee Bracing Connection
  - Steel Deck Type
  - Ceiling Extension Type
  - Knee Bracing Type
  - JOIST GIRDER

- **Connection Options:**
  - Parallel to a Girder
  - Parallel to a Girder with Shear Connectors
  - Perpendicular to a Girder

**NOTE:**

MD2000 Standard Sections to Hambro Girder (as shown). (Size to be determined)

Bolted Joists to Hambro Girder

*When deep shoe, the use of holes is different, consult the appropriate details on plan.