

- nut of corrosion-resistant steel, steel alloy or titanium

#### F. Screws

- (1) The screw is a two-part fastener consisting of:
  - a headed bolt with a fully threaded shank,
  - self-locking nut with an integral washer.
- (2) Screws are available with a protruding, hexagonal, 8 points, 12 points or countersunk head in the following materials:
  - screw of corrosion-resistant steel, steel alloy or titanium,
  - nut of corrosion-resistant steel, steel alloy or titanium.

### 4. Blind Fasteners

#### A. General

- (1) This Paragraph describes two types of blind fasteners. One of them is rivets (blind) and the other bolts (blind).
- (2) Rivets (blind) usually have these detail parts:
  - a hollow body with a manufactured head,
  - a pin or stem which is pulled through to form the upset head,
  - a locking collar (except AVDEL and IMEX blind rivets) that provides a mechanical lock to the stem or pin.
- (3) Bolts (blind) usually have these detail parts:
  - a body with a manufactured head, a tapered end and an internal thread,
  - a threaded pin,
  - a cylindrical sleeve.
- (4) Blind fasteners are used where access is limited to one side only.
- (5) Blind fasteners shall not be used in areas where the fastener is in tension or subject to head prying. They also shall not be used in areas subject to vibration such as sonic areas, or where fluid-tight joints are necessary.

#### B. Rivets (Blind) - (AVDEL)

- (1) The AVDEL-blind rivet is a two-part fastener consisting of:
  - a hollow body with a manufactured head,
  - a frangible mandrel.
- (2) AVDEL-blind rivets are available with a protruding or countersunk head in aluminum alloy.

#### C. Rivets (Blind) - (HUCK)