

## 5. Top Entry Ball Valves.

### 5.1 Brief Description

API spec 6D Ball Valves Trunnion supported ball, Top Entry design, cast body, bolted bonnet, metal to metal or soft seated sealing design, self relieving spring loaded seats or double piston effect sealing system, anti-static device, anti blow-out proof stem, double block and bleed or block and bleed , venting and drain fittings, self lubricating stem and trunnion bearings to assure low operating torque throughout entire valve life, fire safe design to BS 6755 parts 2

We would like to draw your attention to a recent supply (1998) to **Phillips Petroleum and Kerr McGee, UK**, through Kværner Oil & Gas. Some of these Top Entry valves are installed in vertical position, have been supplied with internal sleeves to allow the line to be flushed without damaging the valve seals while some of them are metal seated.

### 5.2 Perar's model:

|     |                              |
|-----|------------------------------|
| TEV | 8"x6"and above - Reduce Bore |
| TEF | 6"and above - Full Bore      |
|     |                              |
| TDV | 6"x4"and below - Reduce Bore |
| TDF | 4"and below - Full Bore      |

### 5.3 Technical Details:



Sizes:

From 1/2" up to 60"

Classes:

ANSI 150-300-600-900-1500-2500

API 2000-3000-5000-10000-15000

Materials:

Carbon Steel, Stainless Steel, 6Mo, Titanium, Duplex and Super Duplex Steels, Incoloy, Inconel, Special Alloys.

*42" / 600# Top Entry Ball Valves*