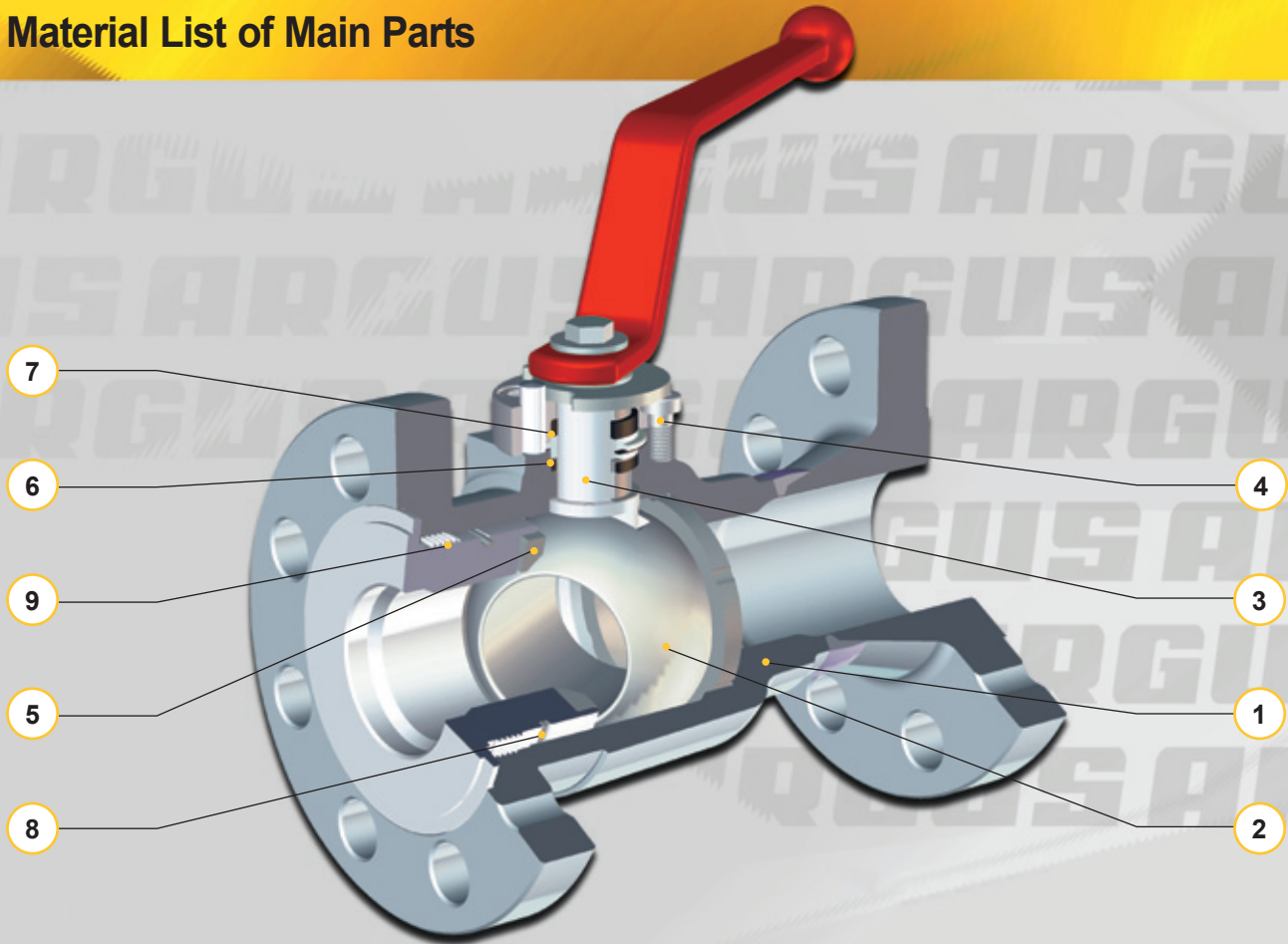


## Material List of Main Parts



Item	Description	Material Specification	Nearest Typical ASTM-Equivalent
1	Body / Flange	CS Low Temp. 1.0566 CS Low Temp.	A350 LF2 A350 LF2
2	Ball	CR13 1.4006 Duplex SS	Type 410 A182 F51
3	Stem	CR13 1.4104 SS 1.4571	AISI 430 A182 F316Ti
4	Gland Bolts	8.8 A4-70	
5	Ball Seats	PTFE; POM	
6	Primary Stem Seal	PTFE; FPM	
7	Secondary Stem Seal	Celastic	
8	Primary Insert Seal	PTFE; FPM	
9	Secondary Insert Seal	Celastic	

**DN 15 ANSI Cl. 150 Full Bore**  
**DN 20-50 ANSI Cl. 150 Reduced Bore**  
**DN 15-50 ANSI Cl. 300-600 Full Bore**  
**DN 15-40 ANSI Cl. 900-1500 Full Bore**

### Description:

The EK 71 ball valve with its many innovative design features represents the highest standards in valve technology and is designed to meet the API-6D, ANSI 16.34 and BS 5351 requirements.

### Design:

One piece low temperature forged Carbon Steel body design (end entry) with superfine finished seat supported ball, anti-blowout stem, compact ball seats and anti-static device. Long life double stem seal system and stem supported in bearings to ensure seals are free from operating loads. Stem sealing construction complies with the latest TA-Luft and EPA (method 21) fugitive emissions requirements.

### Accessories and Options:

- Limit switches
- Locking devices
- Extended wrenches
- Stem extensions
- Round, gull wing and spring return "deadman" handles

### Standard Material Combinations (preferably to order – short delivery time):

<b>ANSI</b>	Cl. 150-600	Cl. 150-600	Cl. 600
<b>Mat.-Code</b>	1805008552	1D05004552	1807008442
<b>Body</b>	CS-Low Temp.	CS-Low Temp.	CS-Low Temp.
<b>Ball/Stem</b>	CR13	Duplex SS / SS	CR13
<b>Seats</b>	PTFE	PTFE	POM
<b>Stem Seals</b>	PTFE/Celastic	PTFE/Celastic	FPM/Celastic
<b>Body Seals</b>	PTFE/Celastic	PTFE/Celastic	FPM/Celastic