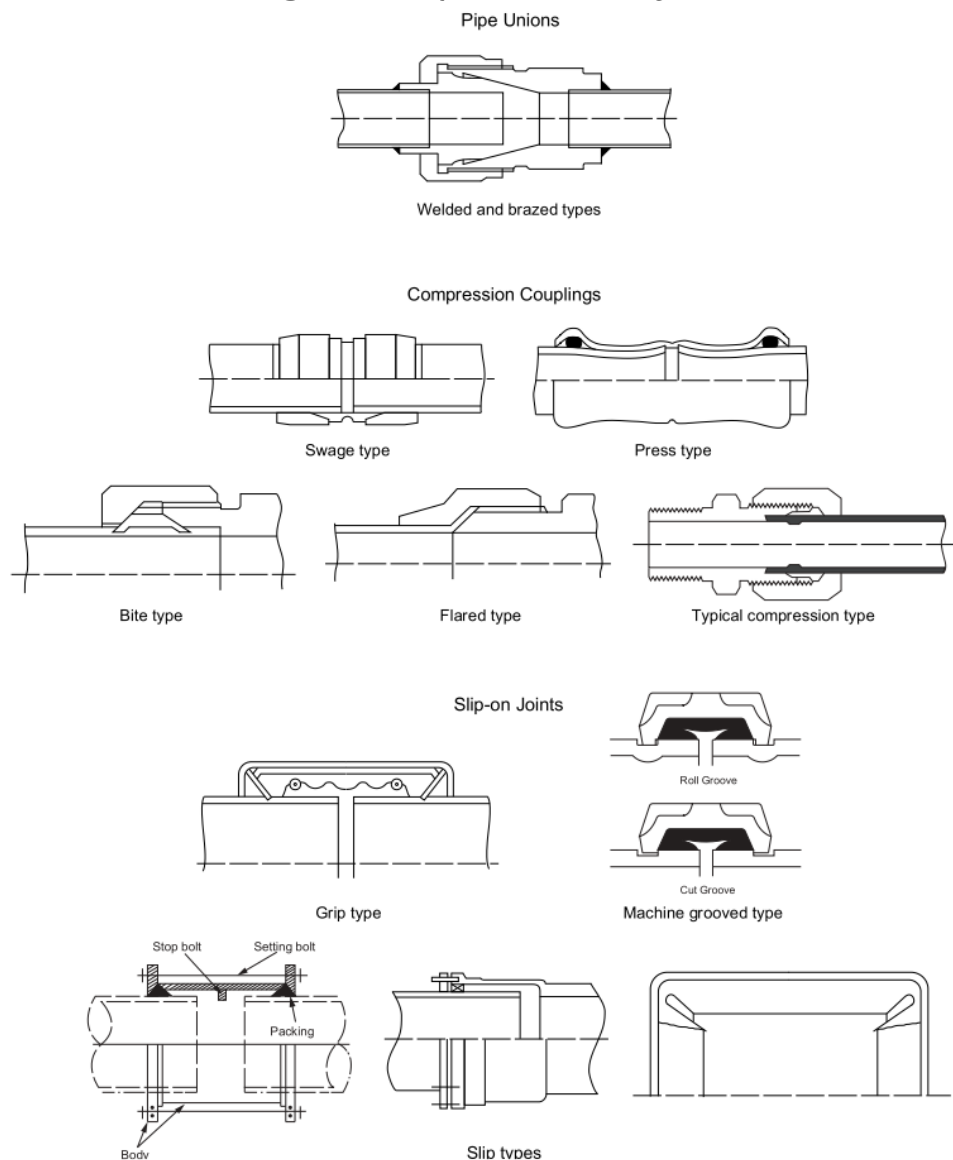


Figure 2 : Examples of mechanical joints**Table 17 : Application of mechanical joints**

Systems		Kind of connections			Classification of pipe system	Fire endurance test condition (7)
		Pipe unions	Compression couplings	Slip-on joints		
FLAMMABLE FLUIDS (FLASHPOINT ≤ 60°C)						
1	Cargo oil lines (1)	+	+	+	dry	30 min dry (*)
2	Crude oil washing lines (1)	+	+	+	dry	30 min dry (*)
3	Vent lines (3)	+	+	+	dry	30 min dry (*)
INERT GAS						
4	Water seal effluent lines	+	+	+	wet	30 min wet (*)
5	Scrubber effluent lines	+	+	+	wet	30 min wet (*)
6	Main lines (1) (2)	+	+	+	dry	30 min dry (*)
7	Distribution lines (1)	+	+	+	dry	30 min dry (*)
FLAMMABLE FLUIDS (FLASHPOINT > 60°C)						
8	Cargo oil lines (1)	+	+	+	dry	30 min dry (*)
9	Fuel oil lines (2) (3)	+	+	+	wet	30 min wet (*)
10	Lubricating oil lines (2) (3)	+	+	+	wet	30 min wet (*)
11	Hydraulic oil (2) (3)	+	+	+	wet	30 min wet (*)
12	Thermal oil (2) (3)	+	+	+	wet	30 min wet (*)