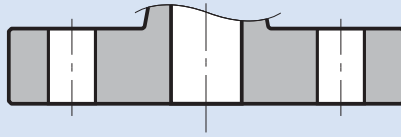
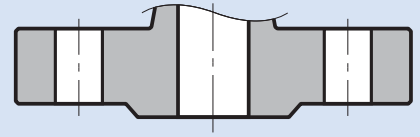


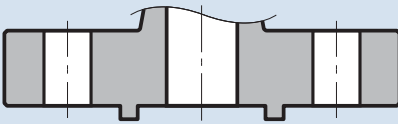
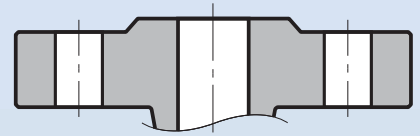
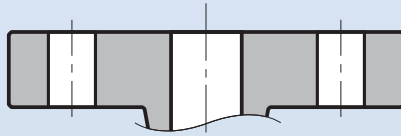
Type	
Type A	Flat Face
Type B	Raised Face
Type C	Tongue
Type D	Groove
Type E	Spigot
Type F	Recess
Type G	O-Ring Spigot
Type H	O-Ring Groove



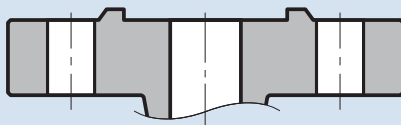
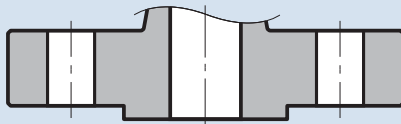
**Type A - Flat Face**



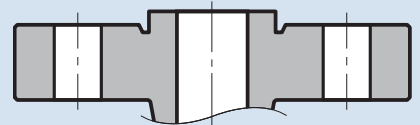
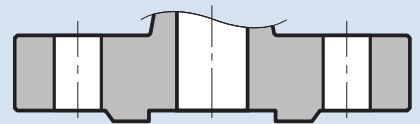
**Type B - Raised Face**



**Type C and D - Tongue and Groove Face**



**Type E and F - Spigot and Recess Face**



**Type G and H - O-Ring Spigot and O-Groove Face**

Facing types	Method of machining	Radius of tool nose mm	Ra $\mu\text{m}$		Rz $\mu\text{m}$	
		min.	min.	max.	min.	max.
A, B1 b, E, F	Turning c	1.0	3.2	12.5	12.5	50
B2b, C, D, G, H	Turning c	-	0.8	3.2	3.2	12.5

For certain applications, e.g. low temperatures gases, it may be necessary to stipulate closer control to the surface finish.

**a** Ra and Rz are defined in EN ISO 4287.

**b** Types B1 and B2 are raised face (type B) flanges with different specified surface roughness values.

**B1** Standard facing for all PN numbers.

**B2** Only if agreed between the purchaser and the flange manufacturer.

**c** The term "turning" includes any method of machine operation producing either serrated concentric or serrated spiral grooves.