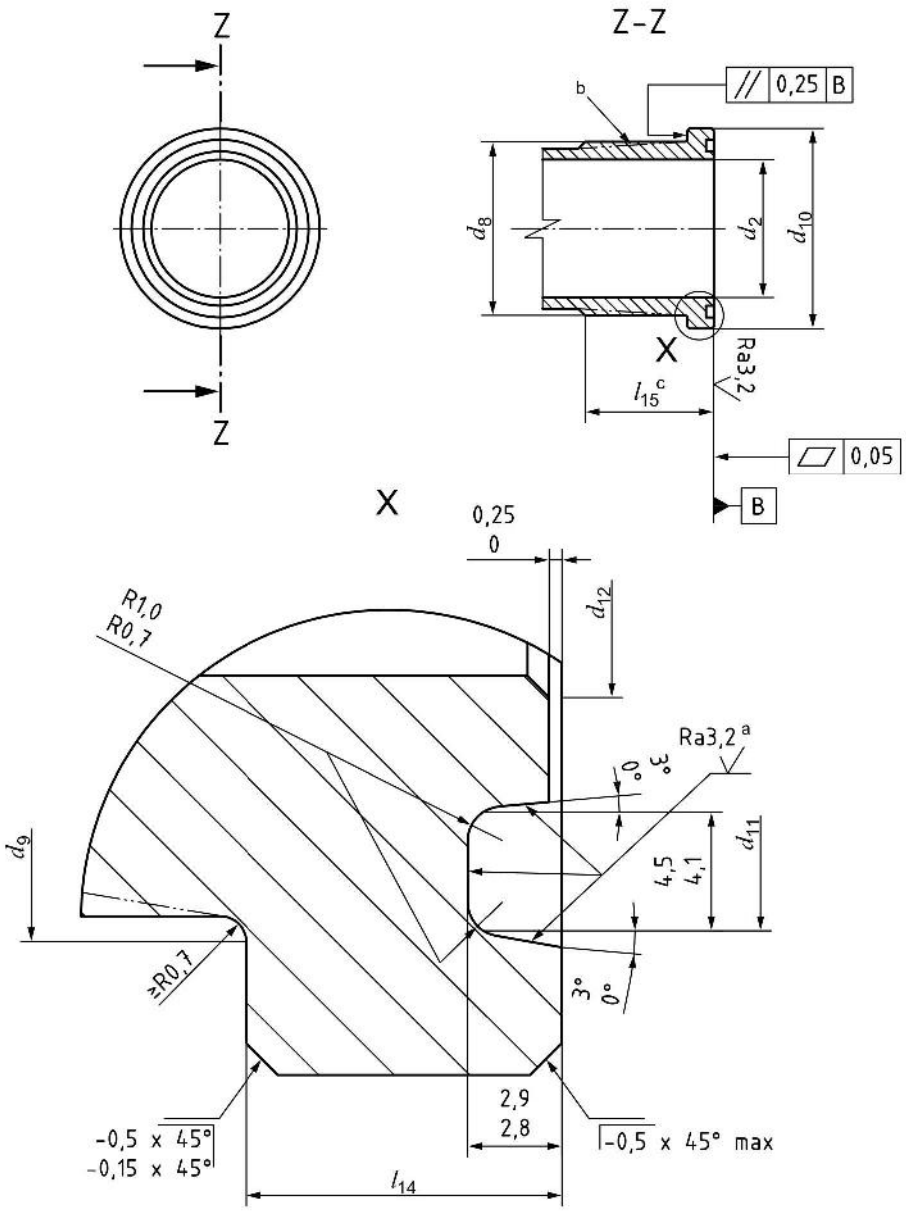


a Annular (circumferential) tool marks up to a surface roughness value of ISO 1302-MRR Ramax 3,2 are acceptable. Scratches with a width greater than 0,13 mm running perpendicular, radial, or spiral to the connector inside diameter on the bottom and outside diameter of the O-ring groove are not acceptable.

b Optional contour.

c Connector design beyond l_{15} length is optional providing adequate clearance for installing screws is maintained.

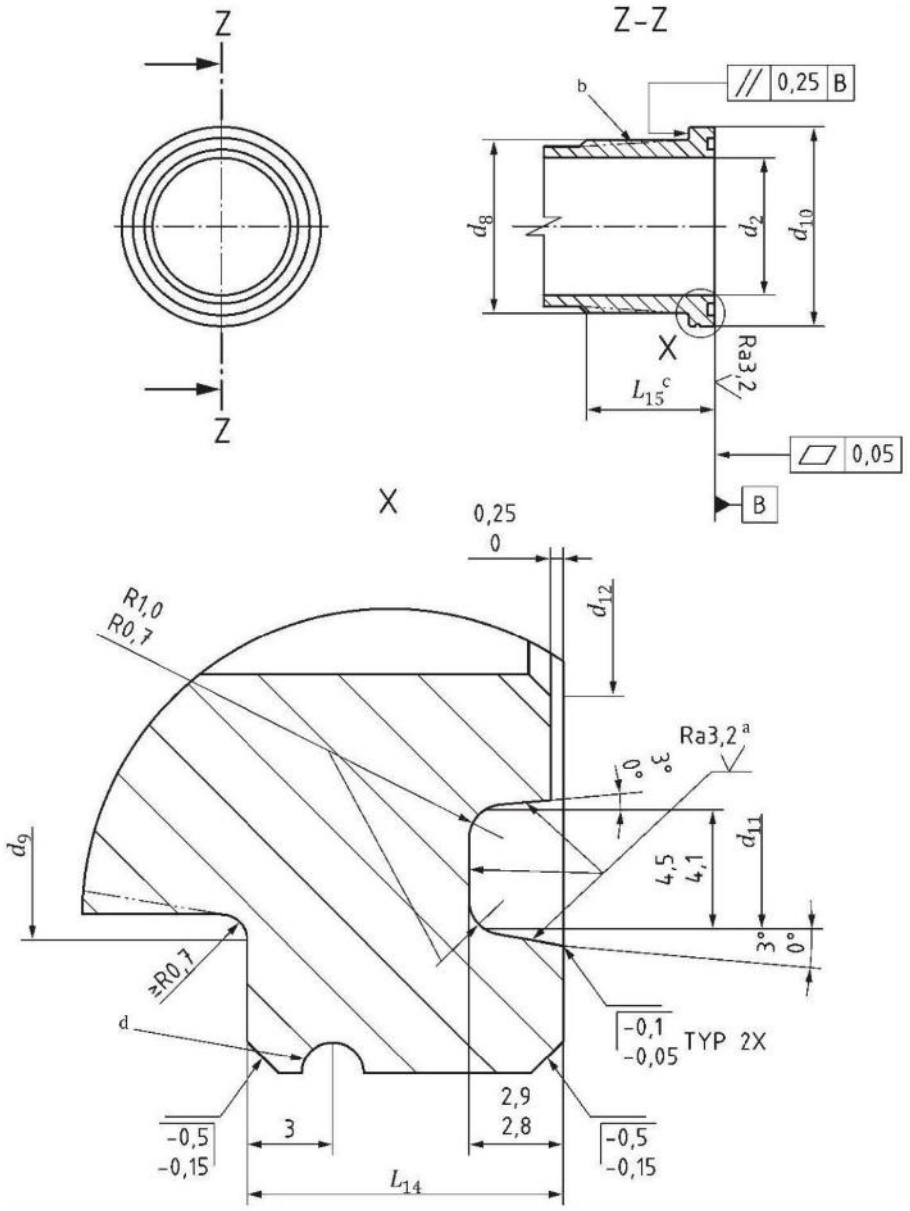
Figure 5 — Flanged head (see Table 4)

Table 4 — Dimensions of flanged heads

Dimensions in millimetres

Nominal size DN	d_2 max	d_8 max	d_9 max	d_{10} ±0,25	d_{11} max	d_{11} min	d_{12} max	l_{14} ±0,15	l_{15} ref
13	13,0	23,9	25,3	30,20	25,53	25,40	14,2	6,8	13
19	19,2	31,8	33,2	38,10	31,88	31,75	21,0	6,8	14
25	25,6	38,1	39,5	44,45	39,75	39,62	27,0	8,0	14
32	32,0	43,2	44.6	50,80	44,58	44,45	33,3	8,0	14
38	38,2	50,3	51.7	60,35	53,98	53,72	39,6	8,0	16
51	51,0	62,2	63,6	71,40	63,50	63,25	52,3	9,6	16
64	63,5	74,2	75,6	84,10	76,33	76,07	65,0	9,6	18
76	76,2	90,2	91,6	101,60	92,08	91,82	77,7	9,6	19
89	89,0	101,6	103	114,30	104,52	104,01	90,4	11,3	22
102	101,6	114,3	115,7	127,00	117,22	116,71	103,1	11,3	25
127	127,0	139,7	141,1	152,40	142,62	142,11	129,0	11,3	28

WARNING — The flanged head material and wall thickness depend on the selected working pressure and the d_8 diameter.



Key

a Smooth sealing surface required, see 7.7.

b Optional contour.

c Connector design beyond $L15$ length is optional providing adequate clearance for installing screws is maintained.

d An identification groove,(see 9.1 b).

Figure 5 — Flanged head (see Table 4)

Table 4 — Dimensions of flanged heads

Dimensions in millimetres

Nominal size	d_2	d_8	d_9	d_{10}	d_{11}		d_{12}	L_{14}	L_{15}
DN	max.	max.	max.	±0,25	max.	min.	max.	±0,15	ref.
13	13	23,9	25,3	31,75	25,53	25,4	14,2	7,8	14
19	19,2	31,8	33,2	41,3	31,88	31,75	21	8,8	18
25	25,6	38,1	39,5	47,65	39,75	39,62	27	9,5	21
32	32	43,7	45,1	54	44,58	44,45	33,3	10,3	25
38	38,2	50,8	52,2	63,5	53,98	53,72	39,6	12,6	30
51	51	66,5	67,9	79,4	63,50	63,25	52,3	12,6	38
64	63,5	89	90,4	107,7	76,35	76,05	65	20,5	50
76	76,2	113,5	114,9	131,7	92,1	91,8	80	26	65

WARNING — The flanged head material and wall thickness depend on the selected working pressure and the d_8 diameter.