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AMENDMENT 1

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Thermoplastics piping systems for fluids under pressure — Flange adapters and loose backing flanges — Mating dimensions

AMENDMENT 1

Systèmes de canalisations thermoplastiques pour fluides sous pression — Collets et brides folles plates — Dimensions de raccordement

AMENDEMENT 1

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AMENDMENT 1

5.2, Table 1

In Table 1, replace the dimensions of d_n 630 with the following. All other dimensions of Table 1 and the associated table footnotes are kept unchanged.

Table 1 — Flange adapters — Dimensions for butt fusion systems

Nominal outside diameter of pipe and spigot[a] d_n	Outside diameter of flange adapter head[b] $D_{4\,min}$	Outside diameter of flange adapter shank[c] $D_{5\,min}$	Radius of shoulder of flange adapter r_f (+0,5 / −0,5)
630	695	642	6

[a] The diameter of the spigot shall conform to the relevant product standard.

[b] The actual value of D_4 should be as high as possible to ensure fitness for purpose of the assembly. See Annex C for higher recommended values of D_4 for PE100 flange adapters.

[c] D_5 shall be measured in the middle of the radius r_f.

5.2, Table 2

In Table 2, delete the full row corresponding to the dimension DN 700 for pipes d_n 630 and replace with the new dimension, DN 600 for pipes d_n 630, as follows. All other dimensions of Table 2 and the associated table footnotes are kept unchanged.

Table 2 — PN 10 designated loose backing flange dimensions for butt fusion systems

DN	Nominal outside diameter of pipe d_n	PN 10 designated loose backing flanges					
		Outside diameter D_{min}	Inside diameter D_2	Pitch circle diameter D_3	Bolts		
					Bolt hole diameter D_1	Number n	Screw thread[a]
600	630	780	645	725	30	20	M27

[a] Metric screw thread sizes in millimetres conforming to ISO 261.

[b] These dimensions are not specified in EN 1092-1.

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5.2, Table 3

In Table 3. delete the full row corresponding to the dimension DN 700 for pipes d_n 630 and replace with the new dimension, DN 600 for pipes d_n 630, as follows. All other dimensions of Table 3 and the associated table footnotes are kept unchanged.

Table 3 — PN 16 designated loose backing flange dimensions for butt fusion systems

DN[a]	Nominal outside diameter of pipe	PN 16 designated loose backing flanges					
		Outside diameter	Inside diameter	Pitch circle diameter	Bolts		
					Bolt hole diameter	Number	Screw thread[b]
	d_n	D_{min}	D_2	D_3	D_1	n	
600	630	840	645	770	36	20	M33
[a] For loose backing flanges up to and including size DN 150, dimensions shall be as given in Table 2.							
[b] Metric screw thread sizes in millimetres conforming to ISO 261.							

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