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**Plastics piping systems for hot  
and cold water installations —  
Polyethylene of raised temperature  
resistance (PE-RT) —**

**Part 3:  
Fittings**

**iTeh STANDARD PREVIEW**  
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**AMENDMENT 1**

*Systèmes de canalisations en plastique pour les installations d'eau  
chaude et froide — Polyéthylène de meilleure résistance à la  
température (PE-RT) —*

*Partie 3: Raccords*

*AMENDEMENT 1*



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This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 2, *Plastics pipes and fittings for water supplies*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, *Plastics piping systems and ducting systems*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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# Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) —

## Part 3: Fittings

### AMENDMENT 1

#### 6.2.2, Table 6

Replace Table 6 with the following table:

**Table 6 — Socket dimensions for electrofusion fittings**

Dimensions in millimetres

Nominal diameter of the fitting	Minimum mean inside diameter <sup>a</sup> of fusion zone	Nominal length of fusion zone	Depth of penetration	
			$L_{1,min}$	$L_{1,max}$
$d_n$	$D_{1,min}$	$L_{2,min}$	$L_{1,min}$	$L_{1,max}$
16	16,1	10	20	35
20	20,1	10	20	37
25	25,1	10	20	40
32	32,1	10	20	44
40	40,1	10	20	49
50	50,1	10	20	55
63	63,2	11	23	63
75	75,2	12	25	70
90	90,2	13	28	79
110	110,3	15	32	85
125	125,3	16	35	90
140	140,3	18	38	95
160	160,4	20	42	101
180	180,4	21	46	105
200	200,4	23	50	112
225	225,5	26	55	120
250	250,5	30	73	129

<sup>a</sup> In piping systems that involve spigot trimming, smaller values for  $D_1$  are permitted if they conform to the manufacturer's specification.

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