



# SLOVENSKI STANDARD

## SIST HD 1215-2:1997

01-marec-1997

---

### Termostatni ventili za ogrevala - 2. del: Mere in detajli priključkov

Thermostatic radiator valves - Part 2: Dimensions and details on connection

Thermostatische Heizkörperventile - Teil 2: Maße und Einzelheiten der Anschlüsse

Robinets thermostatiques d'équipement des corps de chauffe - Partie 2: Dimensions et détails de raccordement

[\(standards.iteh.ai\)](https://standards.iteh.ai/)

Ta slovenski standard je istoveten z: **HD 1215-2:1988**

<https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-c862989a785c/sist-hd-1215-2-1997>

#### **ICS:**

23.060.01	Ventili na splošno	Valves in general
91.140.10	Sistemi centralnega ogrevanja	Central heating systems

**SIST HD 1215-2:1997**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST HD 1215-2:1997](#)

<https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-c862989a785c/sist-hd-1215-2-1997>

**HARMONIZATION DOCUMENT**  
**DOCUMENT D'HARMONISATION**  
**HARMONISIERUNGSDOKUMENT**

**HD 1215**

Part 2

September 1988

UDC 681.521.6:681.533.38:697.35

**Key words :** Heating installation, valves for heating installations, thermostatic valves, dimensions, junctions, materials specifications, designation, marking

English version

**Thermostatic Radiator Valves;**  
**Part 2: Dimensions and details on connection**

Robinets thermostatiques d'équipement  
 des corps de chauffe;  
 Partie 2: Dimensions et détails de  
 raccordement

Thermostatische Heizkörperventile;  
 Teil 2: Masse und Einzelheiten der  
 Anschlüsse

**iTeh STANDARD PREVIEW**

This Harmonization Document was accepted by CEN on 1987-08-13. CEN members are bound to comply with the requirements of the CEN/CENELEC Rules which stipulate the conditions for giving this Harmonization Document the status of a national document without any alteration.

[https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-](https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-8638f0235627-1215-2-1988)

Up-to-date lists and bibliographical references concerning such national Harmonization Documents may be obtained on application to the CEN Central Secretariat or to any CEN Member.

This Harmonization Document exists in the official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to CEN Central Secretariat has the same status as the official versions.

CEN members are the national standards organisations of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and United Kingdom.

**CEN**

European Committee for Standardization  
 Comité Européen de Normalisation  
 Europäisches Komitee für Normung

Central Secretariat : Rue Bréderode 2, B-1000 Brussels

### Brief history

The proposal for this Harmonization Document was prepared by the Technical Committee CEN/TC 105 »Valves and fittings to equip radiators«, the Secretariat of which has been allocated to Dansk Standardiseringsraad (DS).

The work on radiator valves started in September 1982 in CEN/TC 105 with the aim of drafting a standard for requirements and a test procedure to form the basis for a possible certification scheme for radiator valves.

According to the Common CEN/CENELEC Rules, following countries are bound to implement this Harmonization Document: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

(standards.iteh.ai)

SIST HD 1215-2:1997

<https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-c862989a785c/sist-hd-1215-2-1997>

Table of contents

	Page
Brief History	2
Table of contents	3
Foreword	4
1 Object and field of application	5
2 References	5
3 Dimensions	6
4 Connection details	8
5 Materials for body, tailpiece and nut	8
6 Marking	8
7 Designation	8

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST HD 1215-2:1997  
<https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-c862989a785c/sist-hd-1215-2-1997>

**Foreword**

This Harmonization Document forms the second part of a European Standard on thermostatic radiator valves.

The first part of the standard is European Standard EN 215. Thermostatic radiator valves. Part 1: Requirements and test methods.

This Harmonization Document may be used as a reference for a CENCER certification scheme on thermostatic radiator valves.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST HD 1215-2:1997

<https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-c862989a785c/sist-hd-1215-2-1997>

## 1 Object and field of application

This Harmonization Document specifies the dimensions, the materials and the connection details of four series of straight and angle pattern thermostatic radiator valves of nominal pressure  $\leq$  PN 10. Each member-country may choose which series (one or more) will be used in the country.

## 2 References

EN 215/1-1988, Thermostatic radiator valves — Part 1: Requirements and test methods.

ISO 7/1-1982, Pipe threads where pressure-tight joints are made on the threads — Part 1: Designation, dimensions and tolerances.

ISO 228/1-1982, Pipe threads where pressure-tight joints are not made on the threads Part 1: Designation, dimensions and tolerances.

ISO 426/2-1983, Wrought copper-zinc alloys - Chemical composition and forms of wrought products - Part 2: Leaded copper-zinc alloys.

ISO 965/1-1980, ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data.

ISO 1338-1977, Cast copper alloys — Composition and mechanical properties.

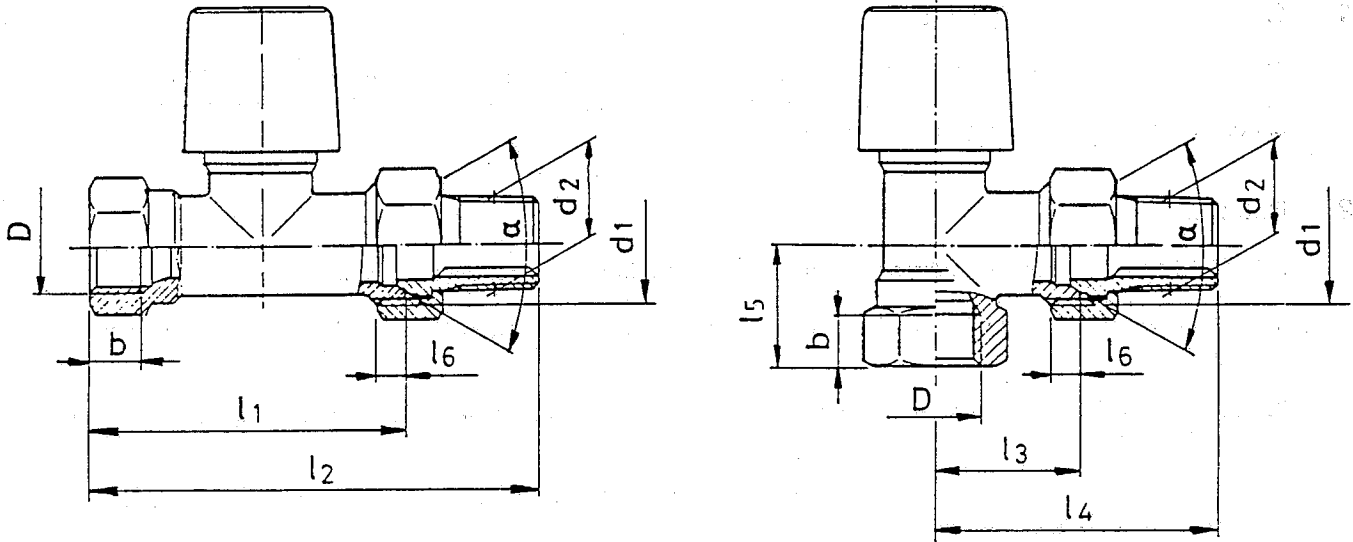
SIST HD 1215-2:1997  
<https://standards.iteh.ai/catalog/standards/sist/b503db78-8b4a-42a0-b79d-c862989a785c/sist-hd-1215-2-1997>

3 Dimensions

See tables 1 to 4

All dimensions in millimetres.

Figures are for reference of dimensions only and do not indicate design details.



**iTeh STANDARD PREVIEW**  
 Figure 1 – Straight and angle valves, series D and F  
 (standards.iteh.ai)

Table 1 - Series D 15-2:1997

DN	D	b	d <sub>1</sub>	d <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	α
					±2	±2	±1	±1.5	±1.5	min.	±10°
10	Rp3/8	10.1	G 5/8	R 3/8	59	85	26	52	22	6	70°
15	Rp1/2	13.2	G 3/4	R 1/2	66	95	29	58	26	7	
20	Rp3/4	14.5	G 1	R 3/4	74	106	34	66	29	8	

Table 2 - Series F

DN	D	b	d <sub>1</sub>	d <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	α
		min.			±0.5	±2	±0.5	±1.5	±0.5	min.	±1°
10	Rp3/8	8	G 5/8	R 3/8	50	75	24	49	20	6	60°
15	Rp1/2	9	G 3/4	R 1/2	55	82	26	53	23	7	
20	Rp3/4	10	G 1	R 3/4	65	98	30	63	26	8	



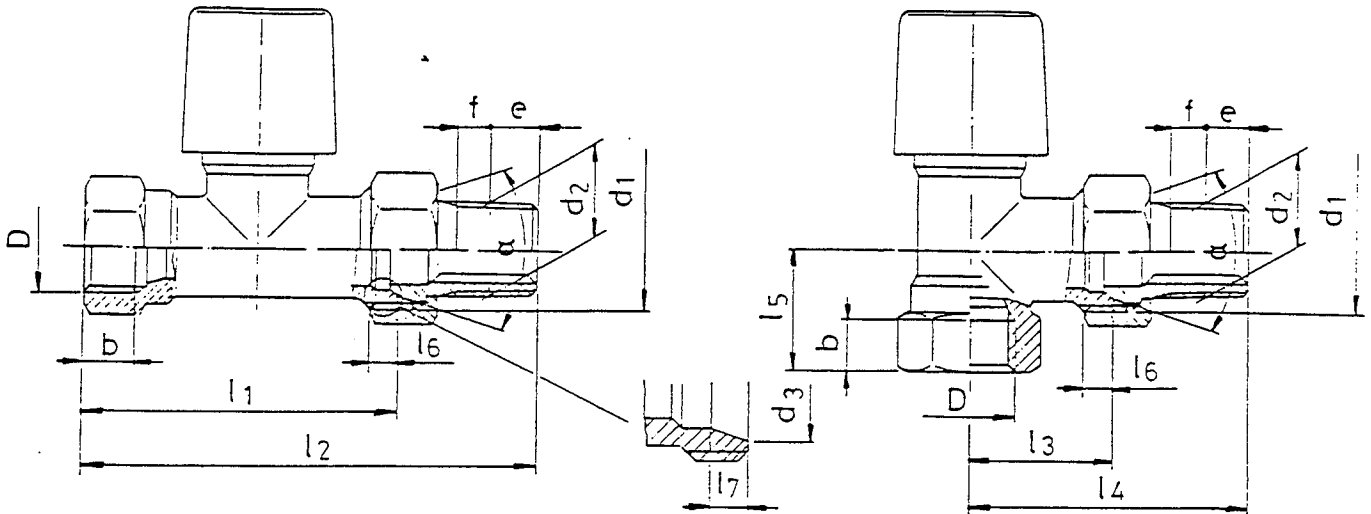


Figure 2 – Straight and angle valves, series S

Table 3 - Series S

DN	D	b	d <sub>1</sub>	d <sub>2</sub>	e		f	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	l <sub>7</sub>	d <sub>3</sub>	α
					min.	max.										
10	Rp/G 3/8	8,5	M22x1,5	R 3/8	4,5	6,5	2,5	50	75	23	48	20	6	3,5	17	1:1,5
15	Rp/G 1/2	10,5	M26x1,5	R 1/2	5,5	8,5	3,0	58	88	26	56	24	7	3,5	21	(37°)
20	Rp/G 3/4	12,0	M34x1,5	R 3/4	6,5	9,5	3,0	68	102	31	65	28	8	4,0	27	

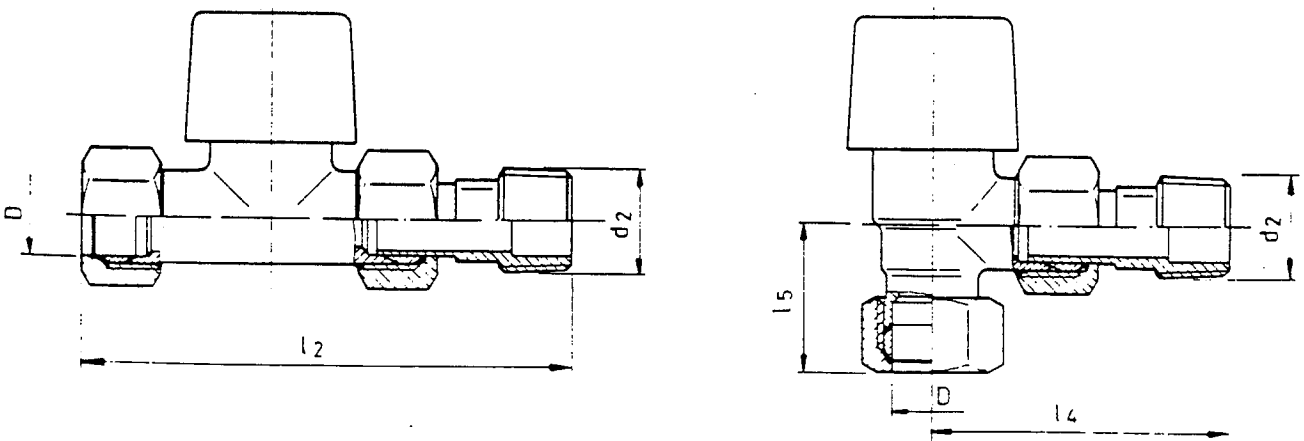


Figure 3 – Straight and angle valves, series GB

Table 4 - Series GB. With Olive-type compression fitting

DN	d <sub>2</sub>	l <sub>2</sub>	l <sub>4</sub>	l <sub>5</sub>
15	R 1/2	105	60	30