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(MCJ/JSA)

Crimped wire cloth

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by the Manufacturing Chain Ring of Japan (MCJ)/the Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS G 3553 : 1983** is replaced with this Standard.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Crimped wire cloth

1 Scope This Japanese Industrial Standard specifies zinc-coated low carbon steel wire-made crimped wire cloth and stainless steel wire-made crimped wire cloth (hereafter referred to as “crimped wire cloth”). As to the zinc-coated low carbon steel wire-made crimped wire cloth, however, the post zinc-coated⁽¹⁾ one is not covered.

Note ⁽¹⁾ The post zinc coating refers to a process of zinc-electroplating or hot dip galvanizing carried out after the net making with low carbon steel wire.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS G 3547 *Zinc-coated low carbon steel wires*

JIS G 4309 *Stainless steel wires*

JIS H 0401 *Methods of test for hot dip galvanized coatings*

3 Definitions The principal terms used in this Standard are defined as follows.

- a) **warp wire and weft wire** A straight wire prepared from a material that is formed in a uniform wave by using a jig (gear).
- b) **crimped wire cloth** A wire cloth wherein warp wire and weft wire are woven by being crossed at right angles at specified position for knotting.

4 Type and symbol Crimped wire cloths shall be classified into 10 types according to the material, and their symbols shall be given in Table 1.

Table 1 Type and symbol

Type	Symbol	Remarks
Zinc-coated low carbon steel wire (S)-made crimped wire cloth	CR-GS2	Crimped wire cloth wherein SWMGS-2 in JIS G 3547 is used.
	CR-GS3	Crimped wire cloth wherein SWMGS-3 in JIS G 3547 is used.
	CR-GS4	Crimped wire cloth wherein SWMGS-4 in JIS G 3547 is used.
	CR-GS6	Crimped wire cloth wherein SWMGS-6 in JIS G 3547 is used.
	CR-GS7	Crimped wire cloth wherein SWMGS-7 in JIS G 3547 is used.
Zinc-coated low carbon steel wire (H)-made crimped wire cloth	CR-GH2	Crimped wire cloth wherein SWMGH-2 in JIS G 3547 is used.
	CR-GH3	Crimped wire cloth wherein SWMGH-3 in JIS G 3547 is used.
	CR-GH4	Crimped wire cloth wherein SWMGH-4 in JIS G 3547 is used.
Stainless steel wire (S)-made crimped wire cloth	CR-S (type symbol) W1	Crimped wire cloth wherein type symbol in JIS G 4309 and temper symbol W1 are used.
	CR-S (type symbol) W2	Crimped wire cloth wherein type symbol in JIS G 4309 and temper symbol W2 are used.

Remarks : To stainless steel wire-made crimped wire cloth, the type symbol specified in **JIS G 4309** and the temper symbol shall be appended.

Example 1 CR-S304W1

Example 2 CR-S316W2

5 Shape and dimensions

5.1 Shape of crimped wire cloth and name of each part The shape of crimped wire cloth and name of each part shall be given in Fig. 1.

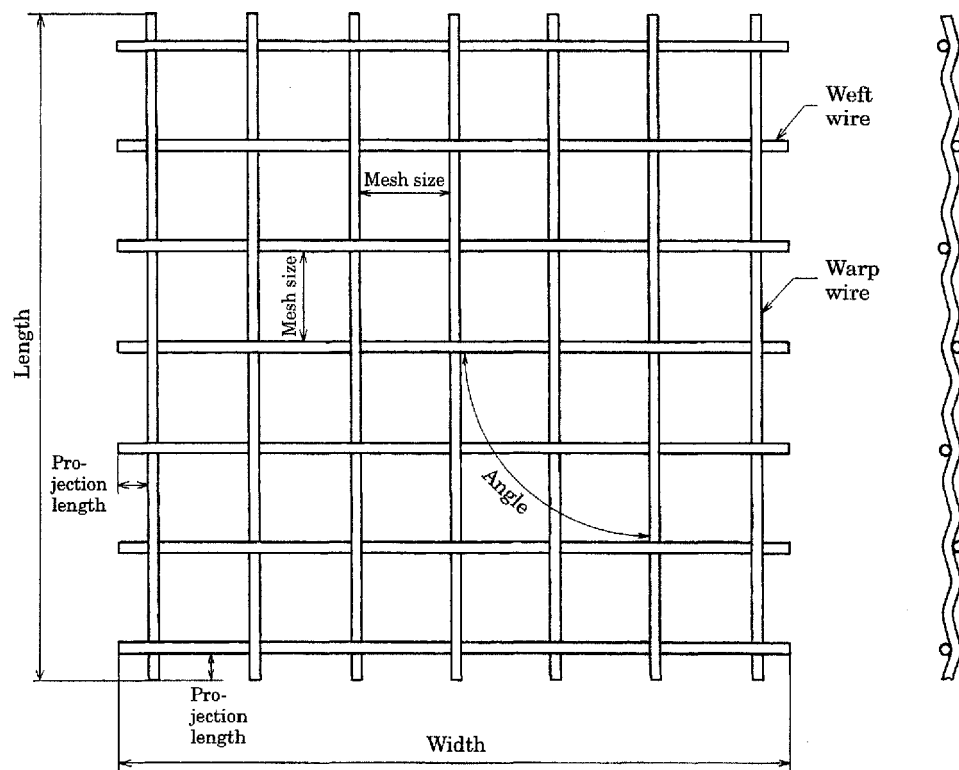


Fig. 1

Remarks : This Figure simply shows the names and does not indicate standards of shapes and construction.

5.2 Wire diameter The wire diameter shall be given in Table 2.

Table 2 Wire diameter

Unit : mm

Type	Zinc-coated low carbon steel wire-made crimped wire cloth			Stainless steel wire-made crimped wire cloth		
	CR-GS2 CR-GS3 CR-GS4	CR-GS6 CR-GS7	CR-GH2 CR-GH3 CR-GH4	CR-S (type symbol) W1 CR-S (type symbol) W2		
Wire diameter	1.60	2.00	2.30	2.60	3.20	4.00 5.00

Remarks : As to CR-GS6 and CR-GS7, they are outside the standards because of lack of 1.60 and 2.00 in wire diameter.

5.3 Mesh size The mesh size shall be expressed as one side length of any space square surrounded by weft wire and warp wire as given in Fig. 1, and the mesh size and the tolerance shall be classified into 12 types as given in Table 3.

Table 3 Mesh size and its tolerance

Mesh size mm	Tolerance %
9, 10, 12, 15, 18, 20, 25, 30, 35, 40, 50, 60	± 3