



Standard Parts

Number:	KM-001
Date Issued:	B-OCT13

ELECTRONIC DOCUMENT IN THE VIEWER IS CONTROLLED. PRINTED COPY IS AN UNCONTROLLED DOCUMENT.

CLAMPS (Superseded)

This standard has been superseded by CNH Standard Parts, STPK510 (87367184) Closed Clamps Preferred and Non-Preferred.

The controlled versions of CNH specifications and standards are published on the CNH Intranet site.

The documents are also available on the CNH electronic viewing system (e.g. eViewer). Suppliers are able to access these documents on CSCN (CNH Supplier Communications Network).

For information about superseded specifications refer to ENS0050 (87523699).

The discontinued standard remains available for viewing following this page if needed.

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GENERAL SPECIFICATIONS

GENERAL: This standard covers closed clamps, furnished open, designed to fasten and securely hold cables, wire harnesses, tubing, hose, engine accessories, etc. Coated clamps, though more costly initially, provide protection from abrasion and corrosion and also provide electrical insulation, sound abatement and some shock absorption.

DIMENSIONS: All dimensions in this standard are dual dimensioned in millimetres and inches.

MATERIAL AND FINISH: Cold rolled low carbon steel, Case MS 435
Silver finish zinc dichromate (ZND) - MS 201, Class 8B
or
Galvanized steel Case MS 442, Grade 1 Galv, coating weight G90

Thickness 0.8/.032 thru 9.5/.38 clamping diameter and 1.2/.048 on 11.1/.438 and larger clamping diameter.

COATING MATERIAL: Vinyl or neoprene. Adhesion, to the metal, must be sufficient to prevent removal of coating without destroying the coating. Nominal thickness 0.8 +.25-0.2 mm (.032 +.010-.007 inch), color, black. Maximum service temperature approximately 100°C (212°F).

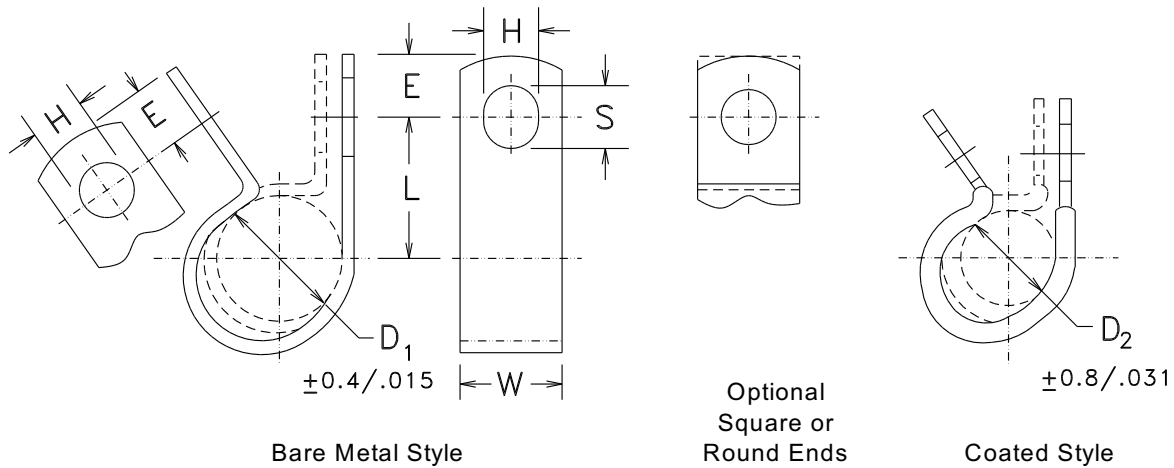
WORKMANSHIP: Clamps must be reasonably free from burrs, loose scale, sharp edges and all other defects that might affect their serviceability.

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Medium Duty Closed Clip - Furnished Open



Linear measure mm/in

$$E = W/2 + 1.58/.062 \pm 0.4/.015$$

$$S = H + 2.38/.093 \pm 0.5/.020$$

D	L ± 0.8/.031		W ± 0.26/.010		H ± 0.13/.005		Nominal Bolt Size	
Clamping Diameter *	Ctr to Ctr		Width		Hole Diam.			
	mm	in	mm	in	mm	in	mm	in
3.2/.12 Coated	11.9	.468	12.7	.500	7.1	.281	M6	1/4
4.8/.19 Bare Metal	13.5	.531	15.9	.625	8.7	.344	M8	5/16
	15.1	.593	19.0	.750	10.3	.406	(1)	3/8

* Because of the coating thickness of approximately 0.8/.031, the clamping diameter for "Coated Style" clamps will be approximately 1.6/.062 less than the "Bare Metal Style" clamps.

Note (1) M10 bolt is not suggested because of possible interference with hole.



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Medium Duty Closed Clip - Furnished Open

Linear measure mm/in.

D	L ± 0.8/.031		W ± 0.26/.010		H ± 0.13/.005		Nominal Bolt Size	
	CTR to CTR		Width		Hole Diam.			
	mm	in	mm	in	mm	in	mm	in
4.8/.19 Coated	12.7	.500	12.7	.500	7.1	.281	M6	1/4
	14.3	.562	15.9	.625	8.7	.344	M8	5/16
6.3/.25 Bare Metal	15.9	.625	19.0	.750	10.3	.406	(1)	3/8
	17.5	.687	19.0	.750	11.9	.469	M10	7/16
# Special Order Item	19.8	.781	22.2	.875	13.5	.531	M12	1/2

6.3/.25 Coated 7.9/.31 Bare Metal	13.5	.531	12.7	.500	7.1	.281	M6	1/4
	15.1	.593	15.9	.625	8.7	.344	M8	5/16
	16.7	.656	19.0	.750	10.3	.406	(1)	3/8
	18.3	.718	19.0	.750	11.9	.469	M10	7/16
	19.8	.781	22.2	.875	13.5	.531	M12	1/2

7.9/.31 Coated 9.5/.38 Bare Metal	14.3	.562	12.7	.500	7.1	.281	M6	1/4
	15.9	.625	15.9	.625	8.7	.344	M8	5/16
	17.5	.687	19.0	.750	10.3	.406	(1)	3/8
	19.0	.750	19.0	.750	11.9	.469	M10	7/16
	20.6	.812	22.2	.875	13.5	.531	M12	1/2

9.5/.38 Coated 11.1/.44 Bare Metal	15.1	.593	12.7	.500	7.1	.281	M6	1/4
	16.7	.656	15.9	.625	8.7	.344	M8	5/16
	18.3	.718	19.0	.750	10.3	.406	(1)	3/8
	19.8	.781	22.2	.875	11.9	.469	M10	7/16
	21.4	.843	22.2	.875	13.5	.531	M12	1/2

11.1/.44 Coated 12.7/.50 Bare Metal	15.9	.625	12.7	.500	7.1	.281	M6	1/4
	17.5	.687	15.9	.625	8.7	.344	M8	5/16
	19.0	.750	19.0	.750	10.3	.406	(1)	3/8
	20.6	.812	22.2	.875	11.9	.469	M10	7/16
	22.2	.875	25.4	1.000	13.5	.531	M12	1/2

* Because of the coating thickness of approximately .031, the clamping diameter for "Coated Style" clamps will be approximately .062 less than the "Bare Metal Style" clamps.

Note (1) M10 bolt is not suggested because of possible interference with hole.

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CLAMPS (Superseded)

Medium Duty Closed Clip - Furnished Open

D		L ± 0.8/.031		W ± 0.26/.010		H ± 0.13/.005		Nominal Bolt Size	
		CTR to CTR		Width		Hole Diam.			
		mm	in	mm	in	mm	in	mm	in
12.7/.50 14.3/.56	Coated Bare Metal	16.7	.656	12.7	.500	7.1	.281	M6	1/4
		18.3	.718	15.9	.625	8.7	.344	M8	5/16
		19.8	.781	19.0	.750	10.3	.406	(1)	3/8
		21.4	.843	22.2	.875	11.9	.469	M10	7/16
		23.0	.906	25.4	1.000	13.5	.531	M12	1/2

14.3/.56 15.9/.62	Coated Bare Metal	17.5	.687	12.7	.500	7.1	.281	M6	1/4
		19.0	.750	15.9	.625	8.7	.344	M8	5/16
		20.6	.812	19.0	.750	10.3	.406	(1)	3/8
		22.2	.875	22.2	.875	11.9	.469	M10	7/16
		23.8	.937	25.4	1.000	13.5	.531	M12	1/2

15.9/.62 17.5/.69	Coated Bare Metal	18.3	.718	12.7	.500	7.1	.281	M6	1/4
		19.8	.781	15.9	.625	8.7	.344	M8	5/16
		21.4	.843	19.0	.750	10.3	.406	(1)	3/8
		23.0	.906	22.2	.875	11.9	.469	M10	7/16
		24.6	.968	25.4	1.000	13.5	.531	M12	1/2

17.5/.69 19.0/.75	Coated Bare Metal	19.0	.750	12.7	.500	7.1	.281	M6	1/4
		20.6	.812	15.9	.625	8.7	.344	M8	5/16
		22.2	.875	19.0	.750	10.3	.406	(1)	3/8
		23.8	.937	22.2	.875	11.9	.469	M10	7/16
		25.4	1.000	25.4	1.000	13.5	.531	M12	1/2

19.0/.75 20.6/.81	Coated Bare Metal	19.8	.781	12.7	.500	7.1	.281	M6	1/4
		21.4	.843	15.9	.625	8.7	.344	M8	5/16
		23.0	.906	19.0	.750	10.3	.406	(1)	3/8
		24.6	.968	22.2	.875	11.9	.469	M10	7/16
		26.2	1.031	25.4	1.000	13.5	.531	M12	1/2

* Because of the coating thickness of approximately .031, the clamping diameter for "Coated Style" clamps will be approximately .062 less than the "Bare Metal Style" clamps.

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Medium Duty Closed Clip - Furnished Open

D		L ± 0.8/.031		W ± 0.26/.010		H ± 0.13/.005		Nominal Bolt Size	
		CTR to CTR		Width		Hole Diam.			
		mm	in	mm	in	mm	in	mm	in
20.6/.81 22.2/.88	Coated Bare Metal	20.6	.812	12.7	.500	7.1	.281	M6	1/4
		22.2	.875	15.9	.625	8.7	.344	M8	5/16
		23.8	.937	19.0	.750	10.3	.406	(1)	3/8
		25.4	1.000	22.2	.875	11.9	.469	M10	7/16
		27.0	1.062	25.4	1.000	13.5	.531	M12	1/2

22.2/.88 23.8/.94	Coated Bare Metal	21.4	.843	12.7	.500	7.1	.281	M6	1/4
		23.0	.906	15.9	.625	8.7	.344	M8	5/16
		24.6	.968	19.0	.750	10.3	.406	(1)	3/8
		26.2	1.031	22.2	.875	11.9	.469	M10	7/16
		27.8	1.093	25.4	1.000	13.5	.531	M12	1/2

23.8/.94 25.4/1.00	Coated Bare Metal	22.2	.875	12.7	.500	7.1	.281	M6	1/4
		23.8	.937	15.9	.625	8.7	.344	M8	5/16
		25.4	1.000	19.0	.750	10.3	.406	(1)	3/8
		27.0	1.062	22.2	.875	11.9	.469	M10	7/16
		28.6	1.125	25.4	1.000	13.5	.531	M12	1/2

25.4/1.00 27.0/1.06	Coated Bare Metal	23.0	.906	12.7	.500	7.1	.281	M6	1/4
		24.6	.968	15.9	.625	8.7	.344	M8	5/16
		26.2	1.031	19.0	.750	10.3	.406	(1)	3/8
		27.8	1.093	22.2	.875	11.9	.469	M10	7/16
		29.4	1.156	25.4	1.000	13.5	.531	M12	1/2

27.0/1.06 28.6/1.12	Coated Bare Metal	23.8	.937	12.7	.500	7.1	.281	M6	1/4
		25.4	1.000	15.9	.625	8.7	.344	M8	5/16
		27.0	1.062	19.0	.750	10.3	.406	(1)	3/8
		28.6	1.125	22.2	.875	11.9	.469	M10	7/16
		30.2	1.188	25.4	1.000	13.5	.531	M12	1/2

* Because of the coating thickness of approximately .031, the clamping diameter for "Coated Style" clamps will be approximately .062 less than the "Bare Metal Style" clamps.

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D Clamping Diameter *	L ± 0.8/.031		W ± 0.26/.010		H ± 0.13/.005		Nominal Bolt Size	
	CTR to CTR		Width		Hole Diam.			
	mm	in	mm	in	mm	in	mm	in
28.6/1.12 Coated 30.2/1.19 Bare Metal	24.6	.968	12.7	.500	7.1	.281	M6	1/4
	26.2	1.031	15.9	.625	8.7	.344	M8	5/16
	27.8	1.093	19.0	.750	10.3	.406	(1)	3/8
	29.4	1.156	22.2	.875	11.9	.469	M10	7/16
	30.9	1.218	25.4	1.000	13.5	.531	M12	1/2

30.2/1.19 Coated 31.7/1.25 Bare Metal	25.4	1.000	12.7	.500	7.1	.281	M6	1/4
	27.0	1.062	15.9	.625	8.7	.344	M8	5/16
	28.6	1.125	19.0	.750	10.3	.406	(1)	3/8
	30.2	1.188	22.2	.875	11.9	.469	M10	7/16
	31.8	1.250	25.4	1.000	13.5	.531	M12	1/2

31.7/1.25 Coated 33.3/1.31 Bare Metal	26.2	1.031	12.7	.500	7.1	.281	M6	1/4
	27.8	1.093	15.9	.625	8.7	.344	M8	5/16
	29.4	1.156	19.0	.750	10.3	.406	(1)	3/8
	30.9	1.218	22.2	.875	11.9	.469	M10	7/16
	32.5	1.281	25.4	1.000	13.5	.531	M12	1/2

33.3/1.31 Coated 34.9/1.37 Bare Metal	27.0	1.062	12.7	.500	7.1	.281	M6	1/4
	28.6	1.125	15.9	.625	8.7	.344	M8	5/16
	30.2	1.188	19.0	.750	10.3	.406	(1)	3/8
	31.8	1.250	22.2	.875	11.9	.469	M10	7/16
	33.3	1.312	25.4	1.000	13.5	.531	M12	1/2

34.9/1.37 Coated 36.5/1.44 Bare Metal	27.8	1.093	12.7	.500	7.1	.281	M6	1/4
	29.4	1.156	15.9	.625	8.7	.344	M8	5/16
	30.9	1.218	19.0	.750	10.3	.406	(1)	3/8
	32.5	1.281	22.2	.875	11.9	.469	M10	7/16
	34.1	1.343	25.4	1.000	13.5	.531	M12	1/2

* Because of the coating thickness of approximately .031, the clamping diameter for "Coated Style" clamps will be approximately .062 less than the "Bare Metal Style" clamps.

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Medium Duty Closed Clip - Furnished Open

D		L ± 0.8/.031		W ± 0.26/.010		H ± 0.13/.005		Nominal Bolt Size	
Clamping Diameter *		CTR to CTR		Width		Hole Diam.		mm	in
		mm	in	mm	in	mm	in	mm	in
36.5/1.44 38.1/1.50	Coated Bare Metal	28.6	1.125	12.7	.500	7.1	.281	M6	1/4
		30.2	1.188	15.9	.625	8.7	.344	M8	5/16
		31.8	1.250	19.0	.750	10.3	.406	(1)	3/8
		33.3	1.312	22.2	.875	11.9	.469	M10	7/16
		34.9	1.375	25.4	1.000	13.5	.531	M12	1/
38.1/1.50 39.7/1.56	Coated Bare Metal	29.4	1.156	12.7	.500	7.1	.281	M6	1/4
		30.9	1.218	15.9	.625	8.7	.344	M8	5/16
		32.5	1.281	19.0	.750	10.3	.406	(1)	3/8
		34.1	1.343	22.2	.875	11.9	.469	M10	7/16
		35.7	1.406	25.4	1.000	13.5	.531	M12	1/2
41.2/2.625	Coated	34.0	1.34	19.0	.750	10.3	.406	(1)	3/8
44.4/1.75 46.0/1.81	Coated Bare Metal	32.5	1.281	12.7	.500	7.1	.281	M6	1/4
		34.1	1.343	15.9	.625	8.7	.344	M8	5/16
		35.7	1.406	19.0	.750	10.3	.406	(1)	3/8
		37.3	1.467	22.2	.875	11.9	.469	M10	7/16
		38.9	1.531	25.4	1.000	13.5	.531	M12	1/2
47.6/1.88 49.2/1.94	Coated Bare Metal	34.1	1.343	12.7	.500	7.1	.281	M6	1/4
		35.7	1.406	15.9	.625	8.7	.344	M8	5/16
		37.3	1.467	19.0	.750	10.3	.406	(1)	3/8
		38.9	1.531	22.2	.875	11.9	.469	M10	7/16
		40.5	1.593	25.4	1.000	13.5	.531	M12	1/2
50.8/2.00 52.4/2.06	Coated Bare Metal	36.5	1.437	12.7	.500	7.1	.281	M6	1/4
		38.1	1.500	15.9	.625	8.7	.344	M8	5/16
		39.7	1.562	19.0	.750	10.3	.406	(1)	3/8
		41.3	1.625	22.2	.875	11.9	.469	M10	7/16
		42.9	1.687	25.4	1.000	13.5	.531	M12	1/2
50.8/2.00	Bare Metal	34.9	1.37	12.7	.500	7.1	.281	M6	1/4
57.1/2.25	Coated	42.9	1.687	19.0	.750	13.5	.406	(1)	3/8
63.5/2.50	Coated	54.0	2.125	25.4	1.000	13.5	.531	M12	1/2
69.8/2.75 71.4/2.812	Coated Bare Metal	49.2	1.937	19.0	.750	13.5	.406	(1)	3/8

* Because of the coating thickness of approximately .031, the clamping diameter for "Coated Style" clamps will be approximately .062 less than the "Bare Metal Style" clamps.
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CLAMPS (Superseded)

Medium Duty Closed Clip - Furnished Open

D	L ± 0.8/.031		W ± 0.26/.010		H ± 0.13/.005		Nominal Bolt Size		
	CTR to CTR		Width		Hole Diam.				
	mm	in	mm	in	mm	in	mm	in	
76.2/3.00 77.7/3.06	Coated	49.2	1.937	12.7	.500	7.1	.281	M6	1/4
		50.8	2.000	15.9	.625	8.7	.343	M8	5/16
	Bare Metal	52.4	2.062	19.0	.750	10.3	.406	(1)	3/8
		54.0	2.125	22.2	.875	11.9	.468	M10	7/16
		55.5	2.187	25.4	1.000	13.5	.531	M12	1/2

88.9/3.500 90.5/3.562	Coated	55.5	2.187	12.7	.500	7.1	.281	M6	1/4
		57.1	2.250	15.9	.625	8.7	.343	M8	5/16
	Bare Metal	58.7	2.312	19.0	.750	10.3	.406	(1)	3/8
		60.3	2.375	22.2	.875	11.9	.468	M10	7/16
		61.9	2.437	25.4	1.000	13.5	.531	M12	1/2

* Because of the coating thickness of approximately .031, the clamping diameter for "Coated Style" clamps will be approximately .062 less than the "Bare Metal Style" clamps.

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