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Quality System
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9001



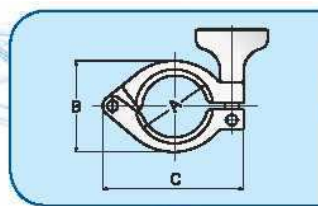
CLAMP pressure rating.doc
Rev.00 Page 1 of 1

CLAMP code 13MHHS - 13MHHM Pressure Rating

CLAMP **A3** fitting

Investment cast pieces in **Stainless Steel AISI 304 – 1.4301**
Heavy construction provides protection against leakage or misalignment.
Held in position by hand tightened wing nut.

For fractional size fittings 13MHHS one size accommodates 1/2" and 3/4" fittings



size	A	B	C	Gr.	code
1/2"	28,0	35,0	51,0	140	13MHHS-1/2"
3/4"	28,0	35,0	51,0	140	13MHHS-3/4"

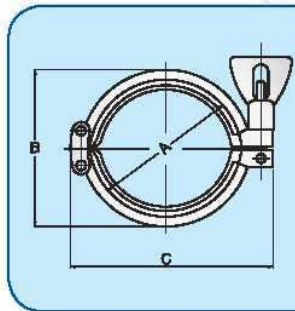
code **13MHHS - FRACTIONAL**

Hydrostatic tests : @ 70°F – 1500 psi (21°C – 152 bar)
@ 250°F – 1200 psi (121°C – 82,7 bar)

Clamp in misura unica - One size accomodates 1/2" and 3/4"

Double pin heavy duty clamp 13MHHM available in size 1" to 10" Tube OD

Note : one inch fittings take 1 1/2 clamp assemblies



size	A	B	C	Gr.	code
1"	54,0	67,0	86,0	225	13MHHM-1"
1 1/2"	54,0	67,0	86,0	225	13MHHM-1 1/2"
2"	67,5	81,0	101,0	295	13MHHM-2"
2 1/2"	81,0	94,0	114,0	340	13MHHM-2 1/2"
3"	94,5	105,0	126,0	450	13MHHM-3"
4"	122,5	134,0	156,0	500	13MHHM-4"
6"	170,0	185,0	216,0	1150	13MHHM-3"
8"	221,0	235,0	270,0	1500	13MHHM-4"
10"	271,0	285,0	325,0	1750	13MHHM-3"
12"	322,0	340,0	380,0	2100	13MHHM-4"

code **13MHHM**

Clamp a due settori con doppio snodo - Double pin heavy duty clamp Size 1" @ 12"

psi / bar Service Rating

Temp/Press.	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"
@ 70°F psi	500	500	450	400	350	200	150	100	50	n.a.
@ 21°C bar	34,5	34,5	31,0	27,5	24,0	13,5	10,0	6,5	3,5	n.a.
@ 250°F psi	250	250	250	200	150	125	75	50	-	n.a.
@121°C bar	17,0	17,0	17,0	13,5	10,0	8,5	5,0	3,5	-	n.a.

Wing nut tightened to = 2,8 Nm of torque

Service Ratings are based on **hydrostatic tests using Standard Buna material gaskets**, with proper expansion of ferrules, assembly of joints and absence of shock pressure.

For temperature above 121°C we recommend using **13MHP** clamp only.

Three segment heavy duty clamp 13MHHS available in size 12" Tube OD only

Hydrostatic tests : not available

Special Note concerning the limited use of PTFE gaskets :

Psi / bar service ratings shown for clamps DO NOT APPLY to 1" and above tube OD sized connections incorporating any gaskets of PTFE material. As PTFE material by nature is virtually incompressible and tends to "cold flow" under normal operating conditions, PTFE gaskets, when used with any standard clamp, are likely to leak at pressures far below these published service ratings.

To avoid possible leakage problems, we recommend contact us before considering the use of PTFE material and to discuss other viable alternatives. The above limitations do not apply to Fractional Sized 1/2" and 3/4" tube OD fittings and connections.

Get the information you need and more at : info@erreinox.it

In the interests of development and improvement of the product, we reserve the right to change the specifications without prior notice.

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