Light Weight Clamp LRS



General Information

One-piece pipe clamp with 2-thread nut with M8 or M10 connection option for fastening pipes in supply systems. Suitable for wall, floor and ceiling mounting as well as for sound-decoupled pipe fastening, even for sound insulation requirements in accordance with DIN 4109. Time savings thanks to quick-release fastener. Thread stop prevents the connection nut from chipping off if not installed correctly.

Installation

After pressing together both parts of the clamp, the clamping bolt head must be located behind the angled profiles; then tighten clamping bolt (2 Nm).

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Isolating element material	SBR/EPDM
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

Forces

Type	-V{Z,perm.}
LRS 8 - 11	0,80 kN
LRS 12 - 14	0,80 kN
LRS 15 - 19	0,80 kN
LRS 20 - 24	0,80 kN
LRS 25 - 30	0,80 kN
LRS 31 - 38	0,80 kN
LRS 39 - 43	0,80 kN
LRS 44 - 49	0,80 kN
LRS 50 - 55	0,80 kN
LRS 56 - 61	0,80 kN
LRS 62 - 67	0,80 kN
LRS 68 - 73	0,80 kN
LRS 74 - 80	0,80 kN
LRS 89 - 95	1,10 kN
LRS 107 - 115	1,10 kN

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Types

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
LRS 8 - 11	8,00 mm	11,00 mm	DN 6 (1/8")	M8/M10	0,038 kg/ pcs.	150 pcs.	806086
LRS 12 - 14	12,00 mm	14,00 mm	DN 8 (1/4")	M8/M10	0,04 kg/pcs.	150 pcs.	806087
LRS 15 - 19	15,00 mm	19,00 mm	DN 10 (3/8")	M8/M10	0,044 kg/ pcs.	100 pcs.	806088
LRS 20 - 24	20,00 mm	24,00 mm	DN 15 (1/2")	M8/M10	0,048 kg/ pcs.	100 pcs.	806089
LRS 25 - 30	25,00 mm	30,00 mm	DN 20 (3/4")	M8/M10	0,052 kg/ pcs.	100 pcs.	806090
LRS 31 - 38	31,00 mm	38,00 mm	DN 25 (1")	M8/M10	0,059 kg/ pcs.	75 pcs.	806091
LRS 39 - 43	39,00 mm	43,00 mm	DN 32 (1 1/4")	M8/M10	0,067 kg/ pcs.	50 pcs.	806092
LRS 44 - 49	44,00 mm	49,00 mm	DN 40 (1 1/2")	M8/M10	0,073 kg/ pcs.	50 pcs.	806093
LRS 50 - 55	50,00 mm	55,00 mm		M8/M10	0,077 kg/ pcs.	50 pcs.	806094
LRS 56 - 61	56,00 mm	61,00 mm	DN 50 (2")	M8/M10	0,084 kg/ pcs.	50 pcs.	806095
LRS 62 - 67	62,00 mm	67,00 mm		M8/M10	0,088 kg/ pcs.	25 pcs.	806096
LRS 68 - 73	68,00 mm	73,00 mm		M8/M10	0,094 kg/ pcs.	25 pcs.	806097
LRS 74 - 80	74,00 mm	80,00 mm	DN 65 (2 1/2")	M8/M10	0,102 kg/ pcs.	25 pcs.	806098
LRS 89 - 95	89,00 mm	95,00 mm	DN 80 (3")	M8/M10	0,129 kg/ pcs.	25 pcs.	806099
LRS 107 - 115	107,00 mm	115,00 mm	DN 100 (4")	M8/M10	0,15 kg/pcs.	20 pcs.	806100

Dimensions

Type	B1	b2	D	D2	H	Mi1	Mi2
LRS 8 - 11	45 mm	23 mm	11 mm	11 mm	28 mm	M8	M10
LRS 12 - 14	45,5 mm	23 mm	14 mm	14 mm	30 mm	M8	M10
LRS 15 - 19	51 mm	23 mm	19 mm	19 mm	31,5 mm	M8	M10
LRS 20 - 24	57,5 mm	23 mm	24 mm	24 mm	33,5 mm	M8	M10
LRS 25 - 30	63,5 mm	23 mm	30 mm	30 mm	36,5 mm	M8	M10
LRS 31 - 38	71 mm	23 mm	38 mm	38 mm	40 mm	M8	M10
LRS 39 - 43	78,5 mm	23 mm	43 mm	43 mm	44 mm	M8	M10

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Type	B1	b2	D	D2	H	Mi1	Mi2
LRS 44 - 49	84,5 mm	23 mm	49 mm	49 mm	47 mm	M8	M10
LRS 50 - 55	89,5 mm	23 mm	55 mm	55 mm	48 mm	M8	M10
LRS 56 - 61	98 mm	23 mm	61 mm	61 mm	53 mm	M8	M10
LRS 62 - 67	103 mm	23 mm	67 mm	67 mm	55,5 mm	M8	M10
LRS 68 - 73	104,5 mm	23 mm	73 mm	73 mm	58 mm	M8	M10
LRS 74 - 80	115 mm	23 mm	80 mm	80 mm	61 mm	M8	M10
LRS 89 - 95	130 mm	23 mm	95 mm	95 mm	67,5 mm	M8	M10
LRS 107 - 115	158,5 mm	23 mm	115 mm	115 mm	80 mm	M8	M10