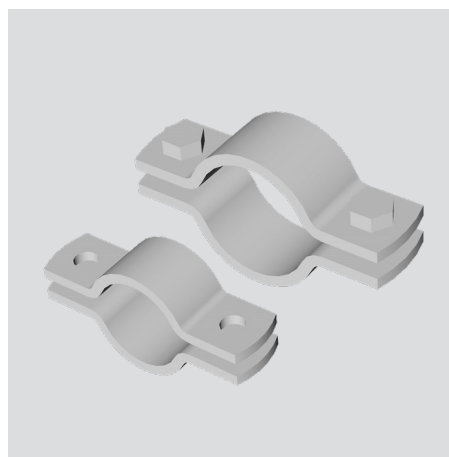




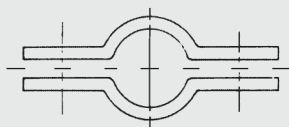
Flat steel bolt clamps in acc. with DIN 3567 HRFBS

Clamp form

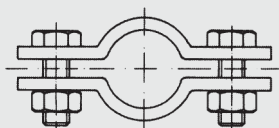
Form A

Size 1 - 32

Nom. width 20 - 500



Model A1 (without bolts
and nuts)



Model A (with bolts
and nuts)

Model code

(also order example)

HRFBS 12 A1 89 ST ZN Form A

Range

HRFBS = HY-ROS flat steel bolt clamp

Size

1 = size 1

2 = size 2 up to
size 32

Model for complete clamps

A1 = flat steel clamp pair

A = flat steel clamp pair with hex. head bolts and nuts

Pipe diameter d_1

(in acc. with dimensions)

Material of steel parts

ST = steel

A2 = stainless steel (on request)

A4 = stainless steel (on request)

Plating of steel parts

BL = unplated

ZN = zinc-plated

Clamp form

Form A

Note: Exposed parts may show signs of flash rust!

NOTE

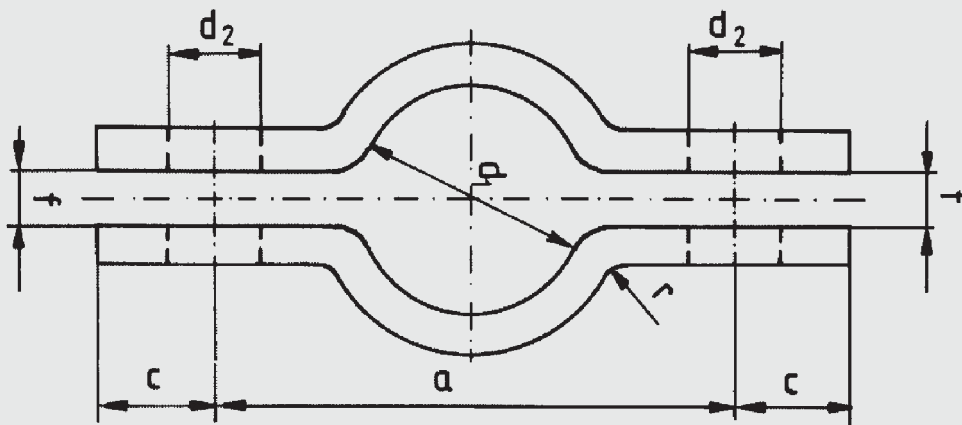
The information in this brochure relates to the operating conditions and applications described. For applications and operating conditions not described, please contact the relevant technical department.

The operator is always responsible for determining the product suitability for the specific application. Quantified values for product characteristics are average values for a new product that undergo a time deterioration process.

Subject to technical modifications and errors.

Dimensions

Form A



		To be used for nom. width		Dimensions [mm]					Flat steel to DIN 1017 [mm]	Hex. head bolt to ISO 4017	Weight [kg/100 pcs.]
d ₁ [mm]	Size			a	c	d ₂	f	r			
25	1	20		62	15	11.5	7	4	30 x 5	M10 x 30MU	21.37
27	2		3/4"	66							22.57
30	3	25		68							23.37
34	4		1"	72							24.79
38	5	32		76							26.12
43	6		1 1/4"	82							27.87
45	7	40		84							28.81
49	8		1 1/2"	88							30.37
57	9	50		104	18	14	9	6	40 x 6	M12 x 35MU	56.10
61	10		2"	108							58.20
77	11	65	2 1/2"	122							66.30
89	12 80		3"	136							75.30
108	13	100		172	24	18	11	6	50 x 8	M16 x 45MU	159.10
115	14		4"	178							163.40
133	15	125		196							178.50
140	16			204							183.10
159	17	150		222							200.00
169	18			232							208.10
(191) 19		(175)		254							239.40
194	20			258							242.00
216	21	200		280							260.00
220	22			284							264.40
267	23	250		342	30	23	14	8	60 x 8	M20 x 50MU	385.00
273	24			348							390.60
318	25	300		392							440.00
324	26			398							448.80
356	27	350		432							508.70
368	28			444							530.00
407	29	400		498							852.20
419	30			510							875.00
508	31	500		600	36	27	18	8	70 x 10	M24 x 60MU	1020.00
521	32			614							1050.00

Note: sizes given in parentheses should be avoided where possible.