

CuNi10Fe

FLANGES AND CONNECTION ELEMENTS

MARINE | DEFENSE | INDUSTRY



HIGH DURABILITY

Excellent corrosion resistance and high mechanical strength.



MARINE GRADE

CuNi10Fe material offers superior resistance to seawater and aggressive environments.



RELIABLE SOLUTIONS

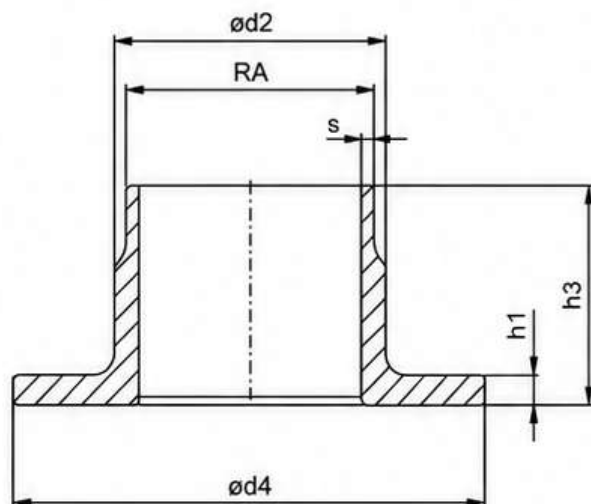
Reliable and long-lasting solutions for marine, defense and industrial sectors.



ENGINEERING EXCELLENCE

Engineering excellence with international standards and quality commitment.

INNER FLANGES



Material: CuNi10Fe1,6Mn

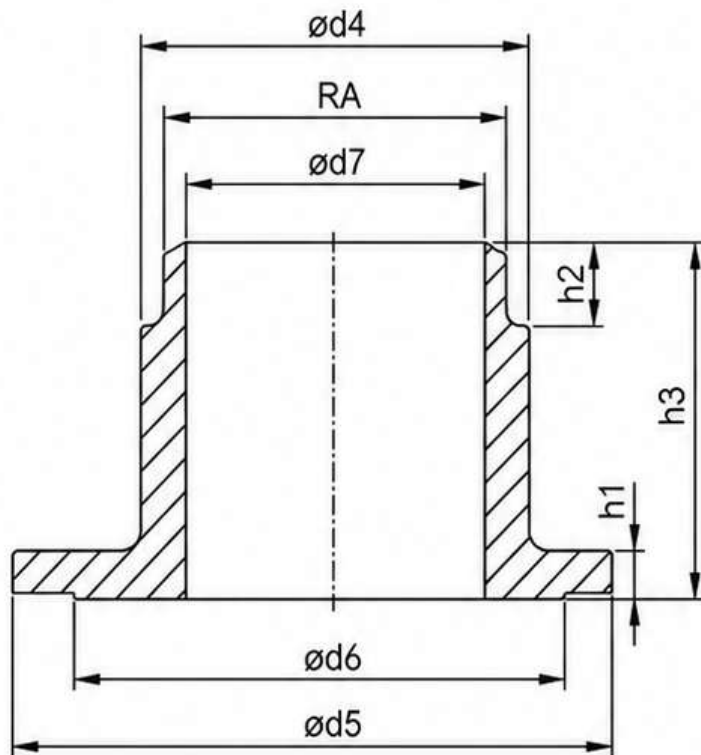
Standard: DIN 86037

Nominal Size (in)	RA mm OD	s mm	d2 mm	d4 mm	h3 mm	h1 mm	Weight (kg/piece)
1/2	20	1,0	21	45	28	5	0,13
3/4	25	1,5	27	58	40	5	0,15
1	30	1,5	32	68	40	5	0,20
1 1/4	38	1,5	40	78	40	5	0,25
1 1/2	44,5	1,5	46,5	88	45	6	0,36
2	57	1,5	59	102	45	6	0,45
2 1/2	76	2,0	78	122	45	6	0,62
3	89	2,0	91	138	50	7	0,86
4	108	2,5	110	158	50	7	1,10
5	133	2,5	135	188	50	7	1,50
6	159	2,5	161	212	50	9	2,00
7	194	3,0	197	242	50	9	2,30
8	219	3,0	222	268	50	9	2,70
10	267	3,0	270	320	50	9	3,40
12	324	4,0	327	370	50	11	4,60
14	368	4,0	371	430	50	11	6,30
16	419	4,0	422	482	50	12	7,50
18	457	4,0	460	530	50	12	9,10
20	508	4,5	511	585	50	12	10,70
24	610	4,5	613	685	60	14	14,90
28	711	6,0	714	800	60	14	21,00
32	813	6,0	816	905	60	14	24,50
36	914	8,0	918	1000	60	14	29,20

Other wall thicknesses are available from stock.



INNER FLANGES



Material: CuNi10Fe1,6Mn

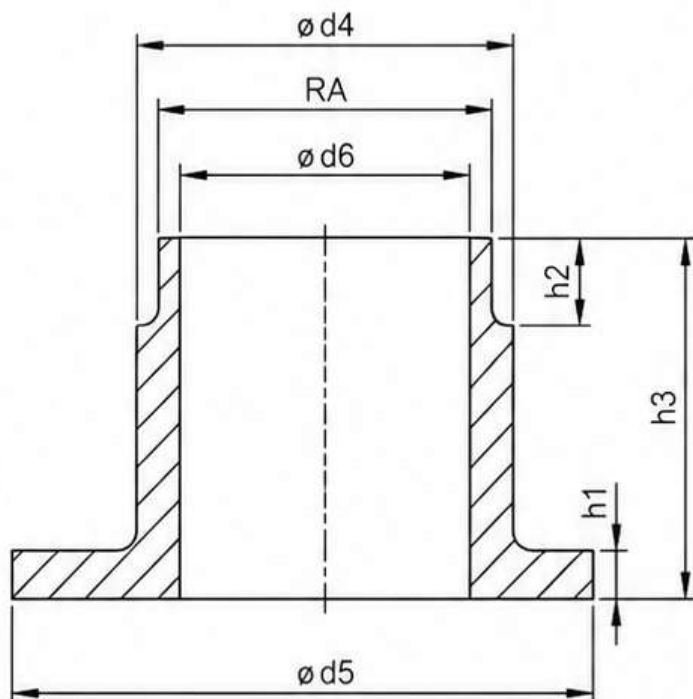
Standards: VG 85356 - 09/1969

Nominal Size (in)	RA mm OD	d4 mm	d5 mm	d6 mm	d7 mm	h1 mm	h2 mm	h3 mm	Weight (kg/piece) St
3/4	25	27	51	45	22	5	8	28	0,10
1	30	32	57	50	27	5	8	28	0,13
1 1/4	38	40	65	59	35	5	8	28	0,14
1 1/2	44,5	46	73	66	41,5	5	8	28	0,19
2	57	59	85	78	54	5	8	30	0,24
2 1/2	76	78	105	98	72	5	10	32	0,36
3	89	91	115	108	85	6	10	32	0,43
4	108	110	137	130	103	6	10	32	0,60
5	133	135	165	158	128	7	10	36	0,96
6	159	161	191	184	154	8	10	36	1,08
7	194	196	229	212	189	8	12	38	1,46
8	219	221	253	237	213	8	12	38	1,72
10	267	269	305	288	261	8	12	40	2,31
12	324	326	357	338	316	8	12	42	3,00

On request also as VG 85356 Edition 1998 deliverable.



INNER FLANGES



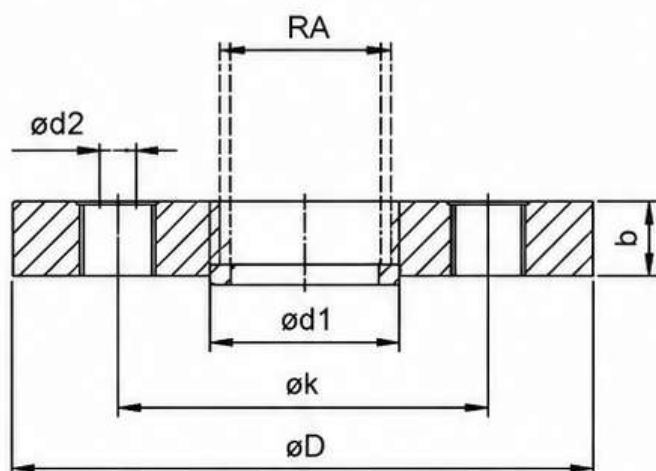
Material: CuNi10Fe1,6Mn

Standards: DIN 85387

in nominal	RA mm OD	d4 mm	d5 mm	d6 mm	h1 mm	h2 mm	h3 mm	Weight kg / Stück weight kg / piece
1 1/4	38	40	51,4	35	4	8	28	0,11
1 1/2	44,5	46,5	61,4	41,5	5	8	28	0,12
2	57	59	71,4	54	5	8	30	0,16
2 1/2	76	78	91	72	5	10	32	0,25
3	89	91	103	85	6	10	32	0,30
4	108	110	126	103	6	10	32	0,43
5	133	135,5	151	128	8	10	36	0,63

Other wall thicknesses are available from stock.

OUTER FLANGES



Material: Steel (St.37)
Hot Dipped Galvanized

Standards: DIN 86037 / DIN 2642

OD 20 - 194 PN 10/16 DIN 86037 / DIN 2642
OD 219 - 914 PN 10 DIN 86037

Nominal Size (in)	RA mm OD	D mm	d1 mm	k mm	Bolt Holes	d2 mm	b mm	Weight (kg/piece) St
1/2	20	95	22	65	4	14	14	0,69
3/4	25	105	28	76	4	14	14	0,81
1	30	115	33	85	4	14	14	1,11
1 1/4	38	140	42	100	4	14	14	1,64
1 1/2	44.5	150	50	110	4	18	18	1,86
2	57	165	62	125	4	18	18	2,20
2 1/2	76	185	81	145	4	18	18	2,62
3	89	200	94	160	8	18	18	3,32
4	108	220	113	180	8	18	18	3,67
5	133	250	138	210	8	18	18	4,54
6	159	285	164	240	8	22	22	5,60
7	194	315	200	270	8	22	22	7,60
8	219	340	225	295	8	22	22	7,46
10	273	395	273	350	12	22	22	10,30
12	324	445	331	400	12	22	22	12,10
14	368	505	375	460	16	22	22	15,70
16	419	565	426	515	16	22	22	20,10
18	457	615	465	565	20	26	26	25,40
20	508	670	517	620	20	26	26	30,80
24	610	780	618	725	24	26	26	40,50
28	711	895	720	840	24	30	30	54,00
32	813	1015	822	950	28	33	33	76,10
36	914	1115	923	1050	28	33	33	82,50

Other wall thicknesses are available from stock.