



THE RESISTANT – TUBULAR CABLE LUGS AND CONNECTORS, NICKEL OR STAINLESS STEEL

We also develop for use in tough conditions. Our tubular cable lugs and connectors made from nickel and stainless steel are a cut above: withstanding temperatures of up to 650 °C, our Klauke products have without doubt developed to meet the requirements of the chemical industry, the foodstuff sector and foodstuff industry. You can also rely on our high-quality products for special applications. We know what we are doing.



In brief

- ▶ Tough to 650 °C
- ▶ Suitable for the chemical and foodstuff industry sectors, for instance
- ▶ Suitable even for aggressive environments, such as contact with salt water

► When things get hot: Nickel cable lugs

Nickel cable lugs are especially suitable for use in applications at high temperatures of up to 650 °C. Thanks to their high resilience they no longer need to be frequently replaced at connections exposed to heat.

- High-quality nickel
- Heat-resistant to 650 °C
- No constant replacement of the cable lug at hot locations



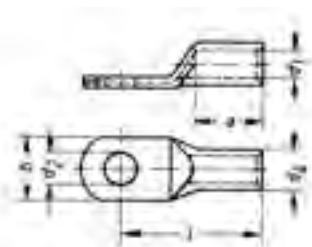
► Safe in aggressive environments with stainless steel

High-quality stainless steel ensures extra resilience, especially in aggressive environments. The resistance is retained.

- High-quality V2A and V4A stainless steel
- Acid resistant
- Can be used at temperatures to 400 °C
- V2A stainless steel for the chemical and foodstuff sectors and salt water applications
- V4A stainless steel in chlorinated environments such as swimming pools, for instance



Tubular cable lugs, stainless steel



- ▶ For multi-stranded round conductors, e.g. to DIN EN 60228 Cl. 2
- ▶ For pre-rounded stranded sector shaped conductors
- ▶ Ideal for aggressive environmental conditions, acid and rust-resistant
- ▶ Heat resistant up to 400 °C

Characteristics

- Flat contact surface by special pressing technology
- Simple and safe connection due to flat contact surfaces and internal chamfer

Material

- V2A

Technical instructions

- Tool: see page 53

Additional information

- Also available as featured article in stainless steel V4A

Nominal cross section mm ²	Size of bolt dia.	Part No.	Dimension mm						Weight/ 100 pcs. ~ kg	Packing unit/ pcs
			d1	a	b	d2	d4	l		
0.5-1	M4	79V4	1.6	6	6.5	4.3	3.2	13	0.080	100
	M5	79V5	1.6	6	7.5	5.3	3.2	14	0.080	100
1.5-2.5	M4	80V4	3.0	8	9.0	4.3	5.0	17	0.260	100
	M5	80V5	3.0	8	9.0	5.5	5.0	17	0.190	100
	M6	80V6	3.0	8	9.5	6.5	5.0	19	0.215	100
4-6	M4	81V4	4.0	9	9.0	4.3	6.0	18	0.260	100
	M5	81V5	4.0	9	9.5	5.5	6.0	19	0.280	100
	M6	81V6	4.0	9	10.0	6.5	6.0	19	0.280	100
10	M5	82V5	5.0	10	12.5	5.5	8.0	22	0.710	100
	M6	82V6	5.0	10	12.5	6.5	8.0	22	0.780	100
	M8	82V8	5.0	10	15.0	8.5	8.0	25	0.780	100
16	M5	83V5	6.0	13	12.0	5.5	8.0	28	0.500	50
	M6	83V6	6.0	13	12.0	6.5	8.0	28	0.550	50
	M8	83V8	6.0	13	15.0	8.5	8.0	29	0.600	50
25	M6	84V6	7.0	15	14.0	6.5	10.0	30	1.210	50
	M8	84V8	7.0	15	16.0	8.5	10.0	32	1.850	50
35	M6	85V6	9.0	17	17.0	6.5	12.0	32	1.600	50
	M8	85V8	9.0	17	17.0	8.5	12.0	35	1.850	50
50	M6	86V6	10.0	19	20.0	6.5	14.0	37	2.800	50
	M8	86V8	10.0	19	20.0	8.5	14.0	37	2.600	50
	M10	86V10	10.0	19	20.0	10.5	14.0	39	2.800	50
70	M12	86V12	10.0	19	20.0	13.0	14.0	43	2.960	50
	M8	87V8	12.0	21	23.0	8.5	16.0	43	3.650	25
	M10	87V10	12.0	21	23.0	10.5	16.0	44	3.930	25
	M12	87V12	12.0	21	23.0	13.0	16.0	46	3.850	25
95	M16	87V16	12.0	21	26.0	17.0	16.0	46	3.960	25
	M8	88V8	14.0	25	26.0	8.5	18.0	48	4.650	25
	M10	88V10	14.0	25	26.0	10.5	18.0	48	5.610	25
	M12	88V12	14.0	25	26.0	13.0	18.0	49	5.540	25



Butt connectors, stainless steel



- ▶ For multi-stranded round conductors, e.g. to DIN EN 60228 Cl. 2
- ▶ Ideal for aggressive environmental conditions, acid and rust-resistant
- ▶ Heat resistant up to 400 °C



Characteristics

- Simple and safe processing due to butt mark
- Simple cable entry due to internal chamfer



Material

- V2A



Technical instructions

- Tool: see page 53



Additional information

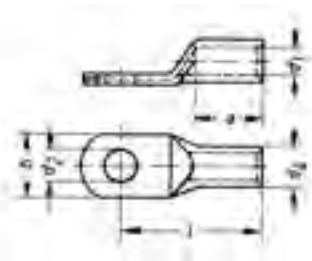
- Also available as featured article in stainless steel V4A



Nominal cross section mm ²	Part No.	Dimension mm			Weight/ 100 pcs. ~ kg	Packing unit/pcs
		d1	d4	l		
0.5-1	79R	1.6	3.2	25	0.135	50
1.5-2.5	80R	3.0	5.0	25	0.250	50
4-6	81R	4.0	6.0	25	0.325	50
10	82R	5.0	8.0	25	0.360	50
16	83R	6.0	8.0	30	0.510	50
25	84R	7.0	10.0	35	1.100	25
35	85R	9.0	12.0	40	1.560	25
50	86R	10.0	14.0	45	2.670	25
70	87R	12.0	16.0	50	3.400	25
95	88R	14.0	18.0	55	4.300	25



Tubular cable lug, Ni



- ▶ For multi-stranded round conductors, e.g. to DIN EN 60228 Cl. 2
- ▶ Suitable for high temperatures up to 650 °C



Characteristics

- Simple and safe connection due to flat contact surfaces and internal chamfer



Material

- High-grade nickel



Technical instructions

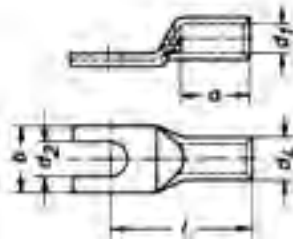
- Tool: see page 53



Nominal cross section mm ²	Size of bolt dia.	Part No.	Dimension mm						Weight/ 100 pcs. ~ kg	Packing unit/ pcs
			d1	a	b	d2	d4	l		
0.5-1	M4	56N4	1.6	6	6.5	4.3	3.2	13	0.080	100
	M5	56N5	1.6	6	7.5	5.3	3.2	14	0.080	100
1.5-2.5	M4	57N4	2.3	6	7.0	4.3	3.9	13	0.105	100
	M5	57N5	2.3	6	7.5	5.3	3.9	14	0.105	100
	M6	57N6	2.3	6	9.5	6.5	3.9	16	0.130	100
4-6	M4	58N4	3.6	9	9.5	4.3	5.6	18	0.275	100
	M5	58N5	3.6	9	9.5	5.3	5.6	19	0.275	100
	M6	58N6	3.6	9	9.5	6.5	5.6	19	0.260	100
10	M5	59N5	4.5	10	12.0	5.5	6.5	21	0.340	100
	M6	59N6	4.5	10	12.0	6.5	6.5	22	0.360	100
16	M5	60N5	5.5	13	12.0	5.5	7.5	26	0.470	100
	M6	60N6	5.5	13	12.0	6.5	7.5	27	0.480	100
	M8	60N8	5.5	13	13.5	8.5	7.5	29	0.560	100
25	M6	61N6	7.0	15	14.0	6.5	10.0	30	1.200	50
	M8	61N8	7.0	15	16.0	8.5	10.0	32	1.320	50
35	M6	62N6	8.5	17	17.0	6.5	12.0	32	1.850	50
	M8	62N8	8.5	17	17.0	8.5	12.0	34	2.000	50
50	M8	63N8	10.0	19	20.0	8.5	14.0	37	2.900	50
	M10	63N10	10.0	19	20.0	10.5	14.0	39	3.100	50
70	M10	64N10	12.0	21	23.0	10.5	16.5	44	4.600	25
	M12	64N12	12.0	21	23.0	13.0	16.5	46	4.660	25
95	M10	65N10	13.5	25	26.0	10.5	18.0	48	5.550	25
	M12	65N12	13.5	25	26.0	13.0	18.0	49	5.600	25



Tubular cable lugs, Cu, fork type



- ▶ For multi-stranded round conductors, e.g. to DIN EN 60228 Cl. 2
- ▶ Suitable for high temperatures up to 650 °C
- ▶ Simple fork-type mounting



Characteristics

- Simple and safe connection due to flat contact surfaces and internal chamfer



Material

- High-grade nickel



Technical instructions

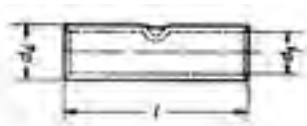
- Tool: see page 53



Nominal cross section mm ²	Size of bolt dia.	Part No.	Dimension mm						Weight/ 100 pcs. ~ kg	Packing unit/ pcs
			d1	a	b	d2	d4	l		
0.5-1	M4	56C4	1.6	6	6.5	4.3	3.2	13	0.070	50
	M5	56C5	1.6	6	7.5	5.3	3.2	14	0.075	50
1.5-2.5	M4	57C4	2.3	6	7.0	4.3	3.9	13	0.095	50
	M5	57C5	2.3	6	7.5	5.3	3.9	14	0.095	50
	M6	57C6	2.3	6	9.5	6.5	3.9	16	0.110	50
4-6	M4	58C4	3.6	9	9.5	4.3	5.6	18	0.250	50
	M5	58C5	3.6	9	9.5	5.3	5.6	19	0.255	50
	M6	58C6	3.6	9	9.5	6.5	5.6	19	0.235	50
10	M5	59C5	4.5	10	12.0	5.5	6.5	21	0.320	50
	M6	59C6	4.5	10	12.0	6.5	6.5	22	0.340	50
16	M5	60C5	5.5	13	12.0	5.5	7.5	26	0.440	50
	M6	60C6	5.5	13	12.0	6.5	7.5	27	0.450	50
	M8	60C8	5.5	13	13.5	8.5	7.5	29	0.520	50



Butt connectors, Ni



- ▶ For multi-stranded round conductors, e.g. to DIN EN 60228 Cl. 2
- ▶ Suitable for high temperatures to 650 °C



Characteristics

- Simple and safe processing due to butt mark
- Simple cable entry due to internal chamfer



Material

- High-grade nickel

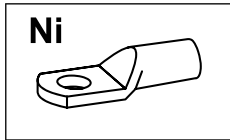
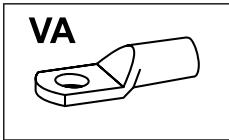


Technical instructions

- Tool: see page 53



Nominal cross section mm ²	Part No.	Dimension mm			Weight/ 100 pcs. ~ kg	Packing unit/pcs
		d1	d4	l		
0.5-1	62R	1.6	3.2	25	0.135	50
1.5-2.5	63R	2.3	3.9	25	0.170	50
4-6	64R	3.6	5.6	25	0.325	50
10	65R	4.5	6.5	25	0.360	50
16	66R	5.5	7.5	30	0.510	50



Tool application chart

Tubular cable lugs and butt connectors made from stainless steel or nickel

Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical crimping tools	0.5-6	K25		230		
Mechanical, electrical, pneumatic crimping tools with interchangeable dies / heads	0.5-16	K354		246	329	
	10-50	K22		250	342	
Hand hydraulic crimping tools	10-50	HK6022		294	342	
		HK6022	+UA22	473	342	
	70-95	HK12030		298	348	
		HK12042		300	348	
Battery powered crimping tools	0.5-16	EK354ML		262	329	
		EK354		266	342	
	10-50	EKM6022		272	342	
		EK6022		274	342	
		EK60UNV	+UA22	476	342	
		EKM60UNV	+UA22	475	342	
	70-95	EK12032		280	348	
		EK12042		282	348	
		EK120U		284	348	
		EK120UNV	+UA12T	477	348	
		EK135FT	+UA15T	286	348	
Hydraulic crimping systems	10-50	THK22		308	342	
Hydraulic crimping heads	10-50	PK22		308	342	
		PK60UNV	+UA22	474	342	
	70-95	PK12042		312	348	
		PK120U		314	348	