



STRAUB Pipe coupling Series: Metal-Grip Type: 5514 Extraction proof Stainless steel/EPDM

Tensile pipe coupling for metal pipes. Heavy-duty design for high axial load. Depending on the opening, the couplings support a bending angle of 2° to 5°. When installing, the locking screws must be tightened to the correct torque. The required torque is specified on the coupling.

Field of application

- Machinery rooms
- Mechanical and apparatus engineering
- Transport lines

Features

- Tensile pipe coupling
- Suitable for metal pipes

Characteristics

Series: Metal-Grip

Type: 5514

Shape: Extraction proof

Housing material: Stainless steel

Material quality: 1.4301

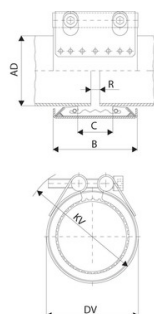
Sleeve material: EPDM

Material bolts: Steel

Suitable for pipe material: Metal

Suitable for plastic to metal: No

Approvals: DNV-GL type approval



AD			PN	Pbmin.	B	C	DV	KV	Rmax.	Weight	
nom.	min.	max.							without	with	
Metal									inlay strip	inlay strip	
[mm]	mm	mm	[bar]	[bar]	[mm]	mm	mm	[mm]	mm	mm	[kg]
30	29,5	30,5	16	67	46/67	18	47	70	5	15	0,3
33,7	33,2	34,2	16	62	46/67	18	52	75	5	15	0,35
38	37,5	38,5	16	58	61	19	58	90	5	15	0,45
42,4	41,9	42,9	16	53	61	20	62	90	5	15	0,5
44,5	44	45	16	48	61	20	64	95	5	15	0,55
48,3	47,8	48,8	16	44	61	20	68	95	5	15	0,6
54	53,5	54,5	16	39	77	38	74	100	5	15	0,65
57	56,4	57,6	16	37	77	32	77	105	10	25	0,7
60,3	59,7	60,9	16	37	77	32	82	110	10	25	0,8
76,1	75,3	76,9	16	56	94	39	100	130	10	25	1,4
84	83,2	84,8	16	45	94	39	112	140	10	25	1,6
88,9	88	89,8	16	41	94	39	117	145	10	25	1,65

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AD			PN	Pbmin.	B	C	DV	KV	Rmax.		Weight
104	103	105	16	37	94	39	133	160	10	25	1,8
108	106,9	109,1	16	35	94	39	133	160	10	25	1,85
114,3	113,2	115,4	16	34	94	39	139	165	10	25	1,9
129	127,7	130,3	16	33	108	51	160	190	15	35	3,1
133	131,7	134,3	16	33	108	43	160	190	15	30	3,2
139,7	138,3	141,1	16	32	109	43	168	200	15	35	3,6
154	152,5	155,5	16	32	109	51	186	215	15	35	3,9
159	157,4	160,6	16	31	109	43	187	215	15	30	3,95
168,3	166,6	170	16	29	109	43	200	230	15	30	4,1
219,1	216,9	221,3	16	26	150	60	259	295	15	35	9,5
244,5	242	247	14	27	148	67	290	345	15	35	14,2
267	264,5	269,5	12	24	148	67	312	365	15	35	14,6
273	270,5	275,5	12	21	148	67	318	370	15	35	15,2
323,9	320,5	327	10	18	148	67	369	420	15	35	16,5
355,6	352	359	8	17	148	67	401	450	15	35	18,3
406,4	402,5	410,5	8	14	148	67	451	500	15	35	20,7
457,2	452,5	462	6	8	148	67	502	550	15	35	26,4
508	503	513	5	6	148	67	553	600	15	35	29,5
558,8	554	564	4,5	6	148	67	604	650	15	35	29,5
609,6	604,5	614,5	4	5	148	67	655	700	15	35	34,5

Material	Min. temp. [°C]	Max. temp. [°C]
EPDM	-30	100
NBR	-20	80

External tube diameter of connection	External tube diameter of connection 2	Pressure rating	Pressure rating Industry	Pressure rating Maritime	Length	Minimum medium temperature (continuous) °C	Maximum medium temperature (continuous) °C	Article
mm	mm				mm			
33.7	33.7	PN16	PN62	PN16	46	-30	100	11813639
38	38	PN16	PN58	PN16	61	-30	100	11813640
42.4	42.4	PN16	PN53	PN16	61	-30	100	11813641
44.5	44.5	PN16	PN48	PN16	61	-30	100	11813642
48.3	48.3	PN16	PN44	PN16	61	-30	100	11813643
54	54	PN16	PN39	PN16	77	-30	100	11813644
57	57	PN16	PN37	PN16	77	-30	100	11813645
60.3	60.3	PN16	PN37	PN16	77	-30	100	11813646
76.1	76.1	PN16	PN56	PN16	94	-30	100	11813647
84	84	PN16	PN45	PN16	94	-30	100	11813648
88.9	88.9	PN16	PN41	PN16	94	-30	100	11813649
104	104	PN16	PN37	PN16	94	-30	100	11813650
108	108	PN16	PN35	PN16	94	-30	100	11813651
114.3	114.3	PN16	PN34	PN16	94	-30	100	11813652
129	129	PN16	PN33	PN16	108	-30	100	11813653
133	133	PN16	PN33	PN16	108	-30	100	11813654

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External tube diameter of connection	External tube diameter of connection 2	Pressure rating	Pressure rating Industry	Pressure rating Maritime	Length	Minimum medium temperature (continuous)	Maximum medium temperature (continuous)	Article
mm	mm				mm	°C	°C	
139.7	139.7	PN16	PN32	PN16	109	-30	100	11813655
159	159	PN16	PN31	PN16	109	-30	100	11813656
168.3	168.3	PN16	PN29	PN16	109	-30	100	11813657
219.1	219.1	PN16	PN26	PN16	150	-30	100	11813658

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