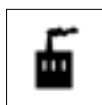


# UNI-GRIP S Ø 19 - 172 MM | PN70/16

Steel materials Components	W5 (standard)	W4 (on request)	W2 (on request)
Casing	1.4404 (316L), 1.4571 (316Ti), 1.4462 (318LN), 1.4162 (Lean Duplex)	1.4301 (304)	1.4016 (301)
Bolts	A4-80, A4-70		12.9, 10.9
Bars	1.4404 (316L), 1.4571 (316Ti), 1.4462 (318LN), 1.4162 (Lean Duplex)		1.0760 (1141)
Gripring	1.4310 (301)		
Strip Insert (Optional)	1.4404 (316L), 1.4571 (316Ti), 1.4462 (318LN), 1.4162 (Lean Duplex)		

Sealing Sleeve Application	EPDM	NBR	Viton (on request)	Silicone (on request)
Temperature range	-30°C up to +125°C	-20°C up to +80°C	-20°C up to +180°C	
Medium	all qualities of water, waste water, air, solids and chemical products	water, gas, oil, fuel and other hydrocarbons	ozone, oxygen, acids, gas, oil and fuel (only with strip insert)	

## Pressure indication:



= Working pressure for industrial and land-based applications with 1.5x safety factor in bars

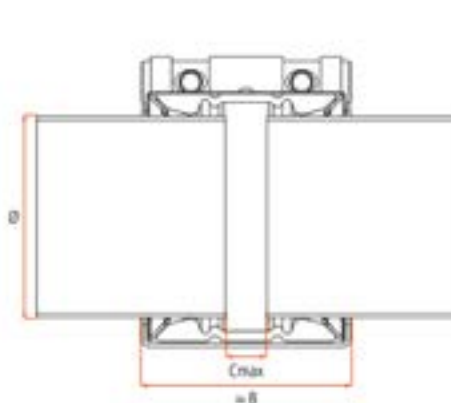


= Working pressure for marine applications with 4x safety factor in bars

## Important remarks:

- + Follow fitting/disassembly instructions
- + The pressure values are valid for radial rigid carbon steel pipes with a minimal wall thickness under static loads
- + For metric to imperial conversion table see page 28
- + Strip inserts are required for special applications
- + Free from paint wetting disruptive substances

Technical details are subject to change. Typing errors may occur.





Article Nr.	OD Ø min.	OD Ø max.	OD Ø Nominal	Pressure		Coupling dimensions not fitted				Torque rate (Nm)	Weight ≈ kg/pcs.	Packing quantity	
				PN	PN	≈ B	Cmax	≈ d	≈ H				M
	19	21	20	70	16	45	10	42	69	M6	7	0.20	10
88023*0001	21	23	21.3/21.6	70	16	45	10	46	76	M6	7	0.20	10
88023*0002	25	29	26.9/28	70	16	45	10	46	76	M6	7	0.20	10
88023*0003	29	32	30	70	16	45	10	54	84	M6	7	0.20	10
88023*0004	33	36	33.7/35	70	16	45	10	54	84	M6	7	0.20	10
88023*0005	36	39	38	60	16	60	15	66	104	M8	25	0.40	10
88023*0006	39	43	42.4	50	16	60	15	66	104	M8	25	0.40	10
88023*0007	43	47.5	44.5	50	16	60	15	74	112	M8	25	0.40	10
88023*0008	47.5	52.5	48.3	50	16	60	15	74	112	M8	25	0.40	10
88023*0009	52.5	58	54/57	50	16	75	25	85	125	M8	25	0.60	10
88023*0010	58	64	60.3/63	40	16	75	25	85	125	M8	25	0.60	10
88023*0011	64	72	66.6/68/69/70	40	16	95	30	108	164	M10	40	1.40	10
88023*0012	72	80	73/76.1/79.5	40	16	95	30	108	164	M10	40	1.40	10
88023*0013	80	88	84	35	16	95	30	124	170	M10	40	1.60	10
88023*0014	88	96	88.9	35	16	95	30	124	170	M10	40	1.60	10
88023*0015	97	105	98/100.6/101.6/104	35	16	95	30	141	187	M10	40	1.70	10
88023*0016	104	112	104.8/108/110	35	16	95	30	141	187	M10	40	1.70	10
88023*0017	112	120	114.3/118	35	16	95	30	158	202	M10	40	1.90	10
88023*0018	122	130	125/127/129	32	16	95	30	158	202	M10	40	1.90	10
88023*0019	129	137	130.2/131/133	32	16	110	40	178	230	M12	65	3.40	5
88023*0020	137	145	139.7/141.3/141.6	32	16	110	40	186	238	M12	65	3.50	5
88023*0021	149	157	154/155	32	16	110	40	197	249	M12	65	3.60	5
88023*0022	157	165	159	32	16	110	40	205	255	M12	65	3.70	5
88023*0023	164	172	165/168.3	32	16	110	40	212	262	M12	65	3.80	5

\*Article Nr.: E for EPDM and N for NBR.

# UNI-GRIP S Ø 172 - 290 MM | PN25/16

Steel materials Components	W5 (standard)	W4 (on request)	W2 (on request)
Casing	1.4404 (316L), 1.4571 (316Ti), 1.4462 (318LN), 1.4162 (Lean Duplex)	1.4301 (304)	1.4016 (301)
Bolts	A4-80, A4-70		12.9, 10.9
Bars	1.4404 (316L), 1.4571 (316Ti), 1.4462 (318LN), 1.4162 (Lean Duplex)		1.0760 (1141)
Gripping	1.4310 (301)		
Strip Insert (Optional)	1.4404 (316L), 1.4571 (316Ti), 1.4462 (318LN), 1.4162 (Lean Duplex)		

Sealing Sleeve Application	EPDM	NBR	Viton (on request)	Silicone (on request)
Temperature range	-30°C up to +125°C	-20°C up to +80°C	-20°C up to +180°C	
Medium	all qualities of water, waste water, air, solids and chemical products	water, gas, oil, fuel and other hydrocarbons	ozone, oxygen, acids, gas, oil and fuel (only with strip insert)	

## Pressure indication:



= Working pressure for industrial and land-based applications with 1.5x safety factor in bars

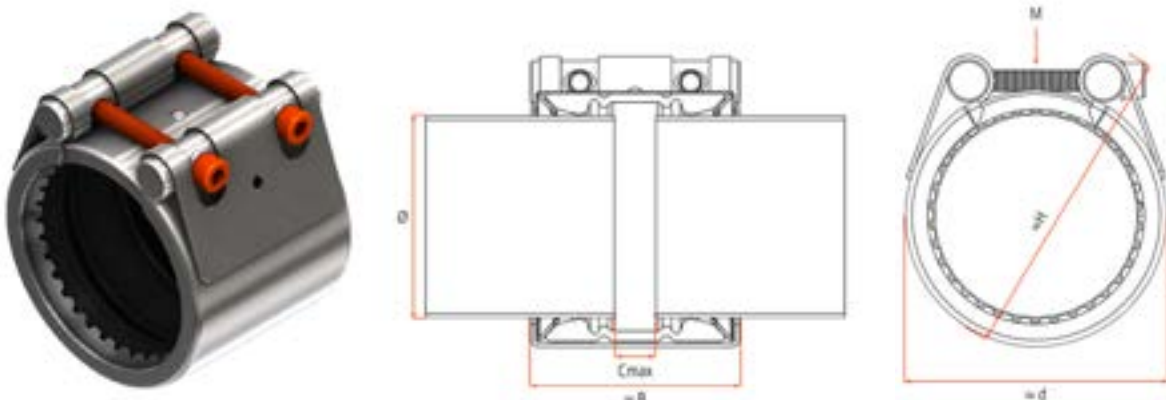


= Working pressure for marine applications with 4x safety factor in bars

## Important remarks:

- + Follow fitting/disassembly instructions
- + The pressure values are valid for radial rigid carbon steel pipes with a minimal wall thickness under static loads
- + For metric to imperial conversion table see page 28
- + Strip inserts are required for special applications
- + Free from paint wetting disruptive substances

Technical details are subject to change. Typing errors may occur.





Article Nr.	OD Ø min.	OD Ø max.	OD Ø Nominal	Pressure		Coupling dimensions not fitted				Torque rate (Nm)	Weight ≈ kg/pcs.	Packing quantity	
				PN	PN	≈ B	Cmax	≈ d	≈ H				M
	172	185	180	25	16	142	40	221	244	M16	160	6.03	1
88023*0024	185	198	185/187/190/191/193,7/195/196/197	25	16	142	40	236	262	M16	160	6.46	1
88023*0025	198	211	200/202/203/204/205/206/208/210	25	16	142	40	249	275	M16	160	6.66	1
88023*0026	210	223	211/212/215/216/217/219,1/220/222	25	16	146	40	261	287	M16	160	9.18	1
88023*0027	221	234	224/225/226/228/229/230/232/234	25	16	146	40	272	298	M16	160	9.45	1
88023*0028	234	247	236/238/240/241/242/244/244,5/246	25	16	146	40	285	311	M16	160	9.78	1
** 88023*0029	247	260	248/249/250/252/254/255/256/257/259	25	16	146	40	298	324	M16	160	10.11	1
** 88023*0030	263	276	264/268/267/271/272/273,1/274/275	25	16	146	40	314	340	M16	160	10.51	1
88023*0031	277	290	278/280/284/286/287/288/289	25	16	146	40	328	354	M16	160	10.86	1

\*Article Nr.: E for EPDM, N for NBR and V for Viton.

\*\*Restricted working conditions for CuNiFe tubes with a wall thickness ≤ to 4 mm. Pipe dimensions may only be loaded with max PN 2.5.