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**SPECS &
INFORMATION**

UNI-GRIP S Ø 19 - 172 MM | PN70/16

Steel materials Components	W5 (standard)	W4 (on request)	W2 (on request)	
Casing	1.4571 / 316 Ti	1.4301 / 304	1.4016 / 301	
Bolts	A4-80 / 316 Ti	A4-80 / 316 Ti	A4-80 / 316 Ti	
Bars	1.4571 / 316 Ti	1.4301 / 304	1.0760 / 1141	
Anchoring rings	1.4310 / 301	1.4310 / 301	1.4310 / 301	
Strip Insert (Optional)	1.4571 (316 Ti)	1.4571 (316 Ti)	1.4571 (316 Ti)	

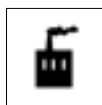
Sealing Sleeve Application	EPDM	NBR	Viton (on request)	Silicone (on request)
Temperature range	-30°C up to +125°C	-20°C up to +80°C	-20°C up to +180°C	
Medium	all qualities of water, waste water, air, solids and chemical products	water, gas, oil, fuel and other hydrocarbons	ozone, oxygen, acids, gas,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

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.

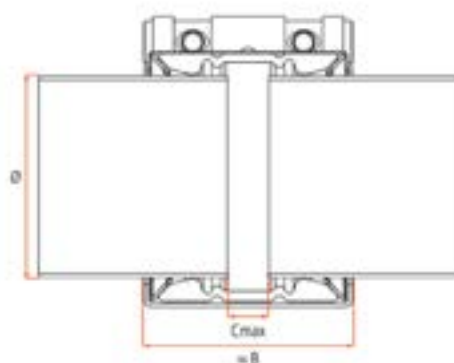
Pressure indication:



= 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





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
1-S-G-W5-*-19-21	19	21	20	70	16	45	10	42	69	M6	7	0.20	10
1-S-G-W5-*-21-24	21	23	21.3/21.6	70	16	45	10	46	76	M6	7	0.20	10
1-S-G-W5-*-25-29	25	29	26.9/28	70	16	45	10	46	76	M6	7	0.20	10
1-S-G-W5-*-29-32	29	32	30	70	16	45	10	54	84	M6	7	0.20	10
1-S-G-W5-*-33-36	33	36	33.7/35	70	16	45	10	54	84	M6	7	0.20	10
1-S-G-W5-*-36-39	36	39	38	60	16	60	15	66	104	M8	25	0.40	10
1-S-G-W5-*-39-43	39	43	42.4	50	16	60	15	66	104	M8	25	0.40	10
1-S-G-W5-*-43-47,5	43	47.5	44.5	50	16	60	15	74	112	M8	25	0.40	10
1-S-G-W5-*-47,5-52,5	47.5	52.5	48.3	50	16	60	15	74	112	M8	25	0.40	10
1-S-G-W5-*-52,5-58	52.5	58	54/57	50	16	75	25	85	125	M8	25	0.60	10
1-S-G-W5-*-58-64	58	64	60.3/63	40	16	75	25	85	125	M8	25	0.60	10
1-S-G-W5-*-64-72	64	72	66.6/68/69/70	40	16	95	30	108	164	M10	40	1.40	10
1-S-G-W5-*-72-80	72	80	73/76.1/79.5	40	16	95	30	108	164	M10	40	1.40	10
1-S-G-W5-*-80-88	80	88	84	35	16	95	30	124	170	M10	40	1.60	10
1-S-G-W5-*-88-96	88	96	88.9	35	16	95	30	124	170	M10	40	1.60	10
1-S-G-W5-*-97-105	97	105	98/100.6/101.6/104	35	16	95	30	141	187	M10	40	1.70	10
1-S-G-W5-*-104-112	104	112	104.8/108/110	35	16	95	30	141	187	M10	40	1.70	10
1-S-G-W5-*-112-120	112	120	114.3/118	35	16	95	30	158	202	M10	40	1.90	10
1-S-G-W5-*-122-130	122	130	125/127/129	32	16	95	30	158	202	M10	40	1.90	10
1-S-G-W5-*-129-137	129	137	130.2/131/133	32	16	110	40	178	230	M12	65	3.40	5
1-S-G-W5-*-137-145	137	145	139.7/141.3/141.6	32	16	110	40	186	238	M12	65	3.50	5
1-S-G-W5-*-149-157	149	157	154/155	32	16	110	40	197	249	M12	65	3.60	5
1-S-G-W5-*-157-165	157	165	159	32	16	110	40	205	255	M12	65	3.70	5
1-S-G-W5-*-164-172	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.



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
2-S-G-C-W5-*-172-185	172	185	180	25	16	142	40	221	244	M16	160	6.03	1
2-S-G-C-W5-*-185-198	185	198	185/187/190/191/193,7/195/196/197	25	16	142	40	236	262	M16	160	6.46	1
2-S-G-C-W5-*-198-211	198	211	200/202/203/204/205/206/208/210	25	16	142	40	249	275	M16	160	6.66	1
2-S-G-G-W5-*-210-223	210	223	211/212/215/216/217/219,1/220/222	25	16	146	40	261	287	M16	160	9.18	1
2-S-G-G-W5-*-221-234	221	234	224/225/226/228/229/230/232/234	25	16	146	40	272	298	M16	160	9.45	1
2-S-G-G-W5-*-234-247	234	247	236/238/240/241/242/244/244,5/246	25	16	146	40	285	311	M16	160	9.78	1
** 2-S-G-G-W5-*-247-260	247	260	248/249/250/252/254/255/256/257/259	25	16	146	40	298	324	M16	160	10.11	1
** 2-S-G-G-W5-*-263-276	263	276	264/268/267/271/272/273,1/274/275	25	16	146	40	314	340	M16	160	10.51	1
2-S-G-G-W5-*-277-290	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.



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