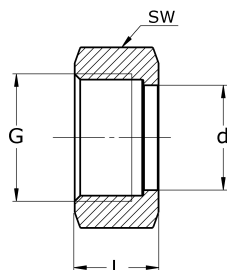


union nut

[short name: UM.*](#)


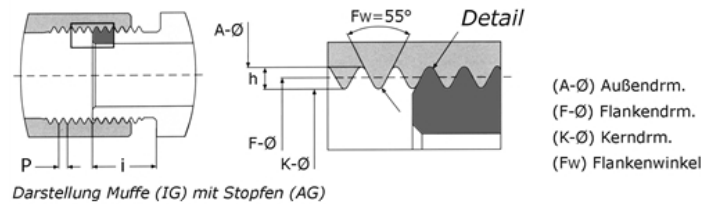
technical product sheet

G	Typ	SF	SW	d	L	kg	Art.-Nr.
1/4"	Vollmaterial	6-kant	17,0	10,5	15	0,020	ÜM-014-000
1/2"	Vollmaterial	6-kant	27,0	16,0	15	0,024	ÜM-012-000
5/8"	Vollmaterial	6-kant	27,0	18,0	17	0,320	ÜM-058-000
3/4"	Gussausf.	6-kant	32,0	21,7	16	0,049	ÜM-034-000
3/4"	Vollmaterial	6-kant	32,0	21,7	16	0,050	ÜM-034-000
1"	Gussausf.	6-kant	41,0	27,4	22	0,110	ÜM-100-000
1"	Vollmaterial	6-kant	41,0	27,4	22	0,109	ÜM-100-000
1 1/4"	Gussausf.	6-kant	50,0	34,0	23	0,156	ÜM-114-000
1 1/4"	Vollmaterial	6-kant	50,0	34,0	23	0,146	ÜM-114-000
1 1/2"	Gussausf.	6-kant	55,0	40,3	23	0,171	ÜM-112-000
1 1/2"	Vollmaterial	6-kant	55,0	40,3	23	0,173	ÜM-112-000
2"	Gussausf.	6-kant	65,0	50,3	26	0,216	ÜM-200-000
2"	Vollmaterial	8-kant	65,0	50,3	26	0,226	ÜM-200-000
2 1/4"	Vollmaterial	8-kant	75,0	57,5	25	0,255	ÜM-214-000
2 1/2"	Vollmaterial	8-kant	83,0	61,0	25	0,302	ÜM-212-000
2 3/4"	Vollmaterial	8-kant	90,0	70,5	27	0,332	ÜM-234-000
3"	Vollmaterial	8-kant	100,0	76,5	28	0,548	ÜM-300-000
3 1/8"	Vollmaterial	8-kant	105,0	83,5	28	0,000	ÜM-318-000
3 1/4"	Vollmaterial	8-kant	110,0	87,0	30	0,506	ÜM-314-000
4"	Vollmaterial	8-kant	130,0	101,0	31	0,987	ÜM-400-000

available material: 1.4571, 316L, V2A, V4A

Threaded fittings > fittings > PN 10 (ECO-Line) > hexagon nuts > union nuts > solid material

Whitworth-Rohrgewinde nach DIN / ISO 228



Thread:

Whitworth-Pipe thread according to DIN / ISO 228-G

Type of thread:

Inner- and outer cylindrical thread

Application:

not for in thread sealing connections

This thread is mainly used for the mechanical connection of fittings and valves.

The connection is sealed by pressing two sealing surfaces against each other outside of the thread and by inserting a suitable seal between them.

T	Number of thread	h	P	i
1/8"	28	0,581	0,907	8
1/4"	19	0,856	1,337	12
3/8"	19	0,856	1,337	12
1/2"	14	1,162	1,814	14
3/4"	14	1,162	1,814	16
1"	11	1,479	2,309	18
1 1/4"	11	1,479	2,309	20
1 1/2"	11	1,479	2,309	22
2"	11	1,479	2,309	24
2 1/2"	11	1,479	2,309	
3"	11	1,479	2,309	
4"	11	1,479	2,309	
5"	11	1,479	2,309	
6"	11	1,479	2,309	

T	Flanks-Ø	max. O-Ø for OT	min. Core-Ø for IT
1/8"	9,147	9,728	8,566
1/4"	12,301	13,157	11,445
3/8"	15,806	16,662	14,950
1/2"	19,793	20,955	18,631
3/4"	25,279	26,441	24,117
1"	31,770	33,249	30,291
1 1/4"	40,431	41,910	38,952
1 1/2"	46,324	47,803	44,845
2"	58,135	59,614	56,656
2 1/2"	73,705	75,184	72,226
3"	86,405	87,884	84,926
4"	111,551	113,030	110,072
5"	136,951	138,430	135,472
6"	162,830	163,830	160,872

