
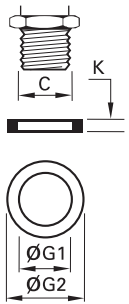


# Sealing Accessories


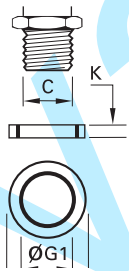
**0138**

## Copper Washer

	Copper	C		G1	G2	K	kg
		M6	0138 06 00	6.3	9	1	0.033
		M8	0138 08 00	8.3	11	1	0.001
		M12	0138 12 00	12.3	15.5	1.3	0.072
		M14	0138 14 00	14.3	18	1.5	0.001
		M16	0138 16 00	16.3	20	1.5	0.001
		M18	0138 18 00	18.3	22	1.5	0.001
		M20	0138 20 00	20.3	24	1.5	0.001
		M22	0138 22 00	22.3	27	1.5	0.002
		M24	0138 24 00	24.3	29	2	0.003
		M26	0138 26 00	26.3	31	2	0.003
		M30	0138 30 00	30.3	36	2	0.004
		M36	0138 36 00	36.3	42	2	0.005
		M39	0138 39 00	39.3	44	2	0.007
		M45	0138 45 00	45.3	52	2	0.007
		M52	0138 52 00	52.3	60	2	0.009
		G1/8	0138 10 00	10.3	13.5	1	0.001
		G1/4	0138 13 00	13.5	18	1.3	0.001
		G3/8	0138 17 00	17.3	21	1.5	0.001
		G1/2	0138 21 00	21.3	26	1.5	0.002
		G3/4	0138 27 00	27.3	32	2	0.003
		G1	0138 33 00	33.5	39	2	0.005
		G1 1/4	0138 42 00	42.5	49	2	0.007
		G1 1/2	0138 48 00	48.3	55	2	0.008
		G2	0138 60 00	60	68	2.5	0.014
		DIN 7603 ISO 65061					



**0137**

## Bonded Seal


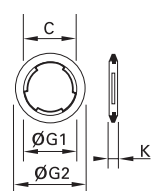

	Zinc-plated steel with NBR seal	C		G1	G2	K	kg
		M12	0137 12 00	12.7	19	1.5	0.001
		M14	0137 14 00	14.7	21	1.5	0.001
		M16	0137 16 00	16.7	23	1.5	0.002
		M18	0137 18 00	18.7	27	2	0.004
		M20	0137 20 00	20.7	29	2	0.004
		M22	0137 22 00	22.7	31	2	0.005
		M24	0137 24 00	24.7	33	2	0.005
		M30	0137 30 00	30.7	39	2	0.071
		M39	0137 39 00	40	51	2.5	0.012
		M45	0137 45 00	46	57	2.5	0.014
		G1/8	0137 10 00	10.7	17	1.5	0.001
		G1/4	0137 13 00	13.7	20.6	2.1	0.002
		G3/8	0137 17 00	17.4	23.7	1.5	0.002
		G1/2	0137 21 00	21.5	28.6	2.5	0.004
		G3/4	0137 27 00	27	35.3	2	0.007
		G1	0137 33 00	33.7	42	2	0.007
		G1 1/4	0137 42 00	43	54	2.5	0.013
		G1 1/2	0137 48 00	49	60	2.5	0.015
		G2	0137 60 00	60.7	73	3	0.027
		Note: to use these bonded seals successfully it is necessary to spot face around the female thread to provide a sealing face. The diameter should be 0.3 mm to 0.5 mm greater than the external diameter of the seal. The surface finish of the spot face should not exceed 12 µ.					

# Sealing Accessories


## 0605 Fluoropolymer Tape

	FKM	 <p><b>0605 12 12</b></p> <p>Can be used for temperatures from - 250°C to +260°C. Chemically inert and resistant to gases, acids, solvents, hydrocarbons, oils, alkalines, steam etc. Non-toxic, waterproof, self-lubricating. In accordance with CFR21. Can be used on all materials. Used to facilitate the preparation of leak-free threaded joints. Supplied on a reel, length = 12 m; width = 12.7 mm; thickness 0.08 mm.</p>
		kg 0.012

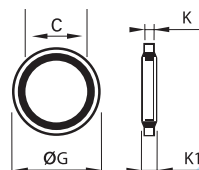
## 0602 Captive Sealing Washer

	<p>Technical polymer</p> 		<b>G1</b>	<b>G2</b>	<b>K</b>	<b>kg</b>	
		<b>C</b>					
		M5x0.8	0602 29 93 15	5.2	7.8	1.5	0.001
		G1/8	0602 23 10 20	10.3	14	2	0.001
		G1/4	0602 23 11 20	13.7	17.5	2	0.001
		G3/8	0602 23 12 20	17.2	21	2	0.001
		G1/2	0602 23 13 20	21.5	25.5	2.5	0.002
		G3/4	0602 27 32 20	27	32	2.5	0.001
		G1	0602 30 60 20	33.8	39	3	0.001
Maximum allowable working pressure: 20 bar							

## 0139 Bi-Material Captive Sealing Washer



Zinc-plated steel with NBR seal



C		G	K	K1	kg
G1/8	0139 10 00	14	1	1.7	0.001
G1/4	0139 13 00	17	1	1.7	0.001
G3/8	0139 17 00	22	1.2	2.1	0.001
G1/2	0139 21 00	26	1.6	2.5	0.002
G3/4	0139 27 00	32	1.5	2.5	0.003
G1	0139 34 00	39.6	1.7	2.6	0.003

Maximum allowable working pressure: 250 bar

Technical characteristics of captive seals **0602**

Tightening torque



	M5x0.8	G1/8	G1/4	G3/8	G1/2	G3/4	G1
Min. Torque in daN.m	0.06	0.08	0.3	0.5	1	1.2	1.9
Max. Torque daN.m	0.16	0.8	1.2	3	3.5	6	9