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Universal parts
 Universalteile
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Ancillary products

plugs

plugs 2-pole + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550204	2-pole + earth	16A/ 250V	D/I	thermoplast
2	550203	2-pole + earth	16A/ 250V	D/I	thermoplast
3	550241	2-pole + earth	16A/ 250V	D/I	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550723	2-pole + earth	16A/ 250V	D/F/B/I	thermoplast
2	550724	2-pole + earth	16A/ 250V	D/F/B/I	thermoplast
3	550720	2-pole + earth	10A/ 250V	I	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550721	2-pole + earth	10A/ 250V	CH	thermoplast
2	550722	2-pole + earth	13A/ 250V	UK	thermoplast
3	550212	2-pole + earth	16A/ 250V	D/F/B/I	PVC



fig.	part no.	no. of poles	specifications	countries	material
1	550664	2 poli + terra	16A/ 250V, 3x2.5mm ²	D/F/B/I	gomma



fig.	part no.	no. of poles	specifications	countries	material
1	550713	2-pole + earth	10A/ 250V, 3x2.5mm ²	CH	all rubber base
2	550714	2-pole + earth	16A/ 250V, 3x2.5mm ²	CH	all rubber base
3	550246	2-pole + earth	16A/ 250V, 3x2.5mm ²	D/F/B/I	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550200	2-pole + earth	16A/ 250V, 3x1.5mm ²	D/I	all rubber base
2	550906	2-pole + earth	16A/ 250V, 3x1.5mm ²	F/B	all rubber base
3	550908	2-pole + earth	16A/ 250V, 3x2.5mm ²	D/F/B/I	all rubber base



fig.	part no.	no. of poles	specifications	countries	material
1	550711	2-pole + earth	10A/ 250V	CH	all rubber base
2	550712	2-pole + earth	16A/ 250V	CH	all rubber base

sockets

sockets 2-pole + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550526	2-pole + earth	16A/ 250V	D/I	PVC
2	550247	2-pole + earth	16A/ 250V, 3x1.5mm ²	D/I	thermoplast
3	550202	2-pole + earth	16A/ 250V, 3x1.5mm ²	D/I	all rubber base



fig.	part no.	no. of poles	specifications	countries	material
1	550717	2-pole + earth	16A/ 250V	CH	all rubber base
2	550718	2-pole + earth	16A/ 250V	CH	all rubber base
3	550527	3x2-pole + earth	16A/ 250V	D/I	all rubber base



fig.	part no.	no. of poles	specifications	countries	material
1	550535	2-pole + earth	16A/ 250V	D/I	thermoplast
2	550698	2-pole + earth	16A/ 250V	F/B	thermoplast



fig.	part no.	no. of poles	specifications	countries	mounting ø	measures (mm)
1	550207	2-pole + earth	16A/ 250V	D/I	45	50x64
2	550054	2-pole + earth	16A/ 250V	D/I	45	50x62
3	551045	2-pole + earth	10A/ 250V	D/I	45	-



fig.	part no.	no. of poles	specifications	countries	mounting ø	measures (mm)
1	551032	2-pole + earth	16A/ 250V	D/I	45	60x60
2	551035	2-pole + earth	16A/ 250V	D/I	45	60x60
2	551054	2-pole + earth	16A/ 250V	F/B	45	60x60
2	551055	2-pole + earth	10A/ 250V	CH	45	60x60
2	551056	2-pole + earth	13A/ 250V	GB	45	60x60



fig.	part no.	description	measures (mm)	suitable for	equiv. no.
1	551033	bezel	60x60	Animo	02081
2	551040	bezel	60x60	-	-
3	551052	bezel right	60x60	Bonamat	6.205.864.000
4	551053	bezel left	60x60	Bonamat	6.205.865.000

plugs 3-pole+ N + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550205	3-pole+ N + earth	16A-250/400V	D	thermoplast
2	550206	3-pole+ N + earth	16A-250/400V	D	thermoplast
3	550208	3-pole+ N + earth	25A-250/400V	D	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550217	3-pole+ N + earth	16A-250/400V	D	PVC



fig.	part no.	no. of poles	specifications	countries	material
1	550715	3-pole+ N + earth	10A-250/400V	CH	all rubber base
2	550716	3-pole+ N + earth	16A-250/400V	CH	all rubber base

CEE-plugs 2-pole + earth



fig.	part no.	no. of poles	specifications	material
1	550209	2-pole + earth	16A/ 250V	thermoplast
2	550524	2-pole + earth	16A/ 250V	thermoplast

sockets 2-pole + earth



fig.	part no.	no. of poles	specifications	material
1	550520	2-pole + earth	16A/250V	thermoplast

CEE-plugs 3-pole + N + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550210	3-pole+ N + earth	16A/400V	D	thermoplast
2	550214	3-pole+ N + earth	16A/400V	D	thermoplast

ANCILLARY PRODUCTS - UNIVERSAL PARTS

CEE-sockets 3-pole + N + earth



up to 155°C



fig.	part no.	no. of poles	specifications	material
1	550215	3-pole+ N + earth	16A/400V	thermoplast
2	550521	3-pole+ N + earth	32A/400V	thermoplast
3	550263	3-pole+ N + earth	16A/400V	thermoplast

fig.	part no.	description	specifications	connection	material
1	550243	plug	10A/250V	screw	thermoplast
2	550703	plug	10A/250V	screw	thermoplast
3	550245	socket	10A/250V	screw	thermoplast
4	550708	socket	10A/250V	Faston 6.3mm	thermoplast

appliance couplers

up to 70°C



up to 200°C



fig.	part no.	description	specifications	connection	material
1	550242	plug	10A/250V	screw	thermoplast
2	550699	plug	10A/250V	screw	thermoplast
3	550244	socket	10A/250V	screw	thermoplast
4	550704	socket	10A/250V	Faston 6.3mm	thermoplast

fig.	part no.	description	specifications	connection	material
1	550316	plug	16A/250V	screw	silicone/rubber
2	550709	socket	16A/250V	screw	metal/steatit
3	550710	retainer set	-	-	-

surface-mounted connector boxes



fig.	part no.	description	specifications	connection	material
1	550240	connector box	16A/400V, 3x2.5mm²	screw	thermoplast
2	550425	connector box	16A/400V, 3x2.5mm²	screw	thermoplast

flexible connectors



fig.	part no.	description	specifications	connection	material
1	550700	plug	16A/ 250V	screw	thermoplast
2	550705	socket	16A/ 250V	Faston 6.3mm	thermoplast

fig.	part no.	description	connection
1	550327	1-pole with branch	Faston 6.3mm
2	550326	12-pole	Faston 6.3mm

up to 120°C



connector strips



fig.	part no.	description	specifications	connection	material
1	550702	plug	10A/250V	screw	thermoplast
2	550701	plug	10A/250V	screw	thermoplast
3	550706	socket	10A/250V	screw	thermoplast
4	550872	socket	10A/250V	Faston 6.3mm	thermoplast
5	550707	socket	10A/250V	Faston 6.3mm	thermoplast

fig.	part no.	no. of poles	specifications	connection	temperature
1	550109	3	40A/ 250V	M6/Faston 6.3mm	130°C
2	550110	5	40A/ 250V	M6/Faston 6.3mm	130°C
3	550111	6	40A/ 250V	M6/Faston 6.3mm	130°C



fig.	part no.	no. of poles	specifications	connection	temperature
1	550516	3	41A	M6/Faston 6.3mm	150°C
2	550517	5	41A	M6/Faston 6.3mm	150°C
3	550518	6	41A	M6/Faston 6.3mm	150°C

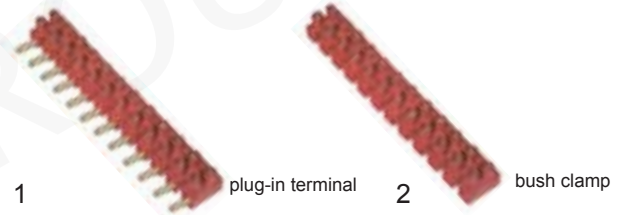


fig.	part no.	no. of poles	specifications	connection	temperature
1	519361	12	32A	M3.5/4.0mm ²	150°C
2	519360	12	32A	M3.5/4.0mm ²	150°C

connector strips (Europe)



no.	part no.	no. of poles	nominal cross section	temperature	load
1	550232	12	2.5mm ²	150°C	32A/ 450V
2	550838	12	6mm ²	150°C	41A/ 750V
3	550239	12	16mm ²	150°C	76A/ 750V

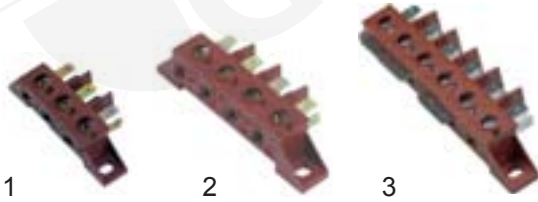


fig.	part no.	no. of poles	specifications	connection	temperature
1	550278	3	40A/ 400V	M6/Faston 6.3mm	150°C
2	550349	4	40A/ 400V	M6/Faston 6.3mm	150°C
3	550411	6	40A/ 400V	M6/Faston 6.3mm	150°C

porcelain connector blocks



fig.	part no.	no. of poles	specifications	connection	temperature
1	550470	3	40A/ 400V	M6/M6	150°C
2	550507	4	40A/ 400V	M6/M6	150°C
3	550355	6	40A/ 400V	M6/M6	150°C



fig.	part no.	no. of poles	nominal cross section	hole distance	load
1	550592	1	2.5mm ²	-	10A/ 250V
2	550112	2	2.5mm ²	-	10A/ 250V
3	550113	3	2.5mm ²	11.5mm	10A/ 250V
4	550114	4	2.5mm ²	18.0mm	10A/ 250V



fig.	part no.	no. of poles	specifications	connection	temperature
1	550034	5	32A/ 450V	6.3mm ²	150°C
2	550037	3	16A/400V	F6.3/F6.3	110°C
3	550038	6	16A/400V	F6.3/F6.3	110°C
4	550953	6	20A/450V	F6.3	90°C
5	550954	9	20A/450V	F6.3	90°C



fig.	part no.	no. of poles	nominal cross section	hole distance	load
1	550593	1	4.0mm ²	-	20A/ 450V
1	550594	1	6.0mm ²	-	30A/ 450V
2	550115	2	10.0mm ²	-	30A/ 450V
3	550116	3	10.0mm ²	17.0mm	30A/ 450V
4	550414	4	10.0mm ²	29.0mm	30A/ 450V

plug-in connector strips



fig.	part no.	no. of poles	specifications	connection	temperature
1	550920	4	16A/ 450V	M3.5/2.5mm ²	120°C
2	550921	4	16A/ 450V	M3.5/2.5mm ²	120°C

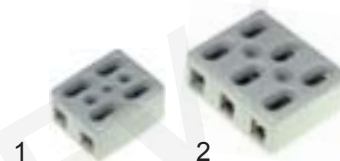


fig.	part no.	no. of poles	nominal cross section	hole distance	load
1	550595	2	10.0mm ²	22.0mm	32A/ 450V
2	550596	3	10.0mm ²	19.0mm	32A/ 450V

ANCILLARY PRODUCTS - UNIVERSAL PARTS

consumables

insulated tape



technical data:
 material: PVC
 temperature: -10° up to 105°C
 width: 15mm
 length: 10m
 approval: VDE

no.	part no.	colour	no.	part no.	colour
1	550021	black	5	550025	grey
2	550022	white	6	550026	green
3	550023	blue	7	550032	yellow/green
4	550024	red			



technical data:
 material: fiber glass
 temperature: max. 200°C

fig.	part no.	length (m)	width (mm)
1	550031	20	12
2	550056	50	19

cable ties/bases



fig.	part no.	qty	description	width (mm)	length (mm)
1	550249	100	base 19x19mm	-	-
2	550250	100	cable ties	2.5	100
2	550251	100	cable ties	2.5	160
2	550254	100	cable ties	3.6	140
2	550252	100	cable ties	3.6	200
2	550253	100	cable ties	3.6	290

insulated connectors

female fastons



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550150	2.8x0.8	0.5-1.5	● red
2	550255	2.8x0.8	1.5-2.5	● blue
3	550151	4.8x0.8	0.5-1.5	● red
4	550152	4.8x0.8	1.5-2.5	● blue
5	550153	6.3x0.8	0.5-1.5	● red
6	550154	6.3x0.8	1.5-2.5	● blue
7	550155	6.3x0.8	4.0-6.0	● yellow

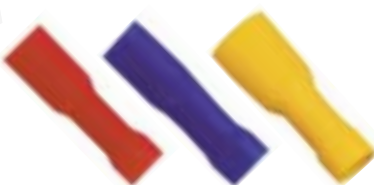
piggyback fastons



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550156	6.3x0.8	0.5-1.5	● red
2	550157	6.3x0.8	1.5-2.5	● blue
3	550282	6.3x0.8	4.0-6.0	● yellow

insulated female fastons



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550283	2.8x0.8	0.5-1.5	● red
2	550290	2.8x0.8	1.5-2.5	● blue
3	550235	4.8x0.8	0.5-1.5	● red
4	550236	4.8x0.8	1.5-2.5	● blue
5	550178	6.3x0.8	0.5-1.5	● red
6	550179	6.3x0.8	1.5-2.5	● blue
7	550291	6.3x0.8	4.0-6.0	● yellow

pins



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550168	1.9x12	0.5-1.5	● red
2	550169	1.9x12	1.5-2.5	● blue
3	550170	2.8x13	4.0-6.0	● yellow

male fastons



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm ²)	colour
1	550292	2.8x0.8	0.5-1.5	• red
2	550293	2.8x0.8	1.5-2.5	• blue
3	550294	4.8x0.8	0.5-1.5	• red
4	550295	4.8x0.8	1.5-2.5	• blue
5	550296	6.3x0.8	0.5-1.5	• red
6	550297	6.3x0.8	1.5-2.5	• blue
7	550615	6.3x0.8	4.0-6.0	• yellow

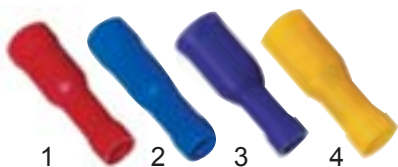
insulated male fastons



technical data:
 max. temperature : 105°C
 material: Cu gal Sn
 insulating material: Nylon
 qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm ²)	colour
1	550237	6.3x0.8	0.5-1.5	• red
2	550238	6.3x0.8	1.5-2.5	• blue
3	550644	6.3x0.8	4.0-6.0	• yellow

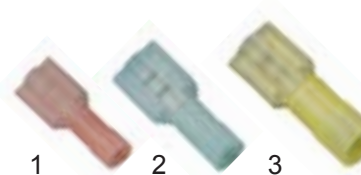
female connectors



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

fig.	part no.	size ø (mm)	nominal cross section (mm ²)	colour
1	550187	4	0.5-1.5	• red
2	550188	4	1.5-2.5	• blue
3	550616	5	1.5-2.5	• blue
4	550617	5	4.0-6.0	• yellow

insulated female fastons



technical data:
 max. temperature : 105°C
 material: Cu gal Sn
 insulating material: Nylon
 qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm ²)	colour
1	550641	6.3x0.8	0.5-1.5	• red
2	550642	6.3x0.8	1.5-2.5	• blue
3	550643	6.3x0.8	4.0-6.0	• yellow

male connectors



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 piece

fig.	part no.	size ø (mm)	nominal cross section (mm ²)	colour
1	550196	4	0.5-1.5	• red
2	550197	4	1.5-2.5	• blue
3	550618	5	1.5-2.5	• blue
4	550619	5	4.0-6.0	• yellow

ring terminals



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

no.	part no.	size	nominal cross section (mm ²)	colour
1	550161	M3 (3.2mm)	0.5-1.5	• red
2	550623	M3 (3.2mm)	1.5-2.5	• blue
3	550624	M3.5 (3.7mm)	0.5-1.5	• red
4	550625	M3.5 (3.7mm)	1.5-2.5	• blue
5	550626	M3.5 (3.7mm)	4.0-6.0	• yellow
6	550162	M4 (4.3mm)	0.5-1.5	• red
7	550163	M4 (4.3mm)	1.5-2.5	• blue
8	550627	M4 (4.3mm)	4.0-6.0	• yellow
9	550628	M5 (5.3mm)	0.5-1.5	• red
10	550164	M5 (5.3mm)	1.5-2.5	• blue
11	550165	M5 (5.3mm)	4.0-6.0	• yellow
12	550629	M6 (6.5mm)	0.5-1.5	• red
13	550166	M6 (6.5mm)	1.5-2.5	• blue
14	550167	M6 (6.5mm)	4.0-6.0	• yellow
15	550630	M8 (8.5mm)	1.5-2.5	• blue
16	550631	M8 (8.5mm)	4.0-6.0	• yellow

blades



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm ²)	colour
1	550620	3.0x14	0.5-1.5	• red
2	550621	2.2x13	1.5-2.5	• blue
3	550622	3.0x18	4.0-6.0	• yellow

ANCILLARY PRODUCTS – UNIVERSAL PARTS

spades



technical data:
 max. temperature : 75°C
 material: Cu gal Sn
 insulating material: PVC
 qty: 100 pieces

no.	part no.	size	nominal cross section (mm ²)	colour
1	550632	M3 (3.2mm)	0.5-1.5	• red
2	550633	M3 (3.2mm)	1.5-2.5	• blue
3	550634	M3.5 (3.7mm)	0.5-1.5	• red
4	550635	M3.5 (3.7mm)	1.5-2.5	• blue
5	550636	M3.5 (3.7mm)	4.0-6.0	• yellow
6	550172	M4 (4.3mm)	0.5-1.5	• red
7	550173	M4 (4.3mm)	1.5-2.5	• blue
8	550637	M4 (4.3mm)	4.0-6.0	• yellow
9	550638	M5 (5.3mm)	0.5-1.5	• red
10	550174	M5 (5.3mm)	1.5-2.5	• blue
11	550175	M5 (5.3mm)	4.0-6.0	• yellow
12	550274	M6 (6.5mm)	0.5-1.5	• red
13	550176	M6 (6.5mm)	1.5-2.5	• blue
14	550177	M6 (6.5mm)	4.0-6.0	• yellow
15	550640	M8 (8.5mm)	4.0-6.0	• yellow

non-insulated cable connectors ring terminals



technical data:
 max. temperature : 650°C
 material: Nickel
 qty: 10 pieces

no.	part no.	size	nominal cross section (mm ²)
1	550750	M4 (4.2mm)	1.5-2.5
2	550751	M4 (4.2mm)	4.0-6.0



technical data:
 max. temperature : 125°C
 material: Cu gal Sn
 qty: 100 pieces

no.	part no.	size	nominal cross section (mm ²)
1	550735	M3 (3.2mm)	0.5-1.5
2	550736	M3.5 (3.7mm)	0.5-1.5
3	550737	M4 (4.3mm)	1.5-2.5
4	550738	M4 (4.3mm)	4.0-6.0
5	550739	M5 (5.3mm)	1.5-2.5
6	550740	M5 (5.3mm)	4.0-6.0
7	550741	M6 (6.5mm)	4.0-6.0

end connectors



technical data:
 max. temperature : 105°C
 material: Cu gal Sn
 insulating material: Nylon
 qty: 10 pieces

no.	part no.	size (mm)	nominal cross section (mm ²)
1	550749	10x21	1.0-2.5
2	550018	12.5x25	2.5-6.0
3	550033	15x28	6.0-8.5

spades



technical data:
 max. temperature : 125°C
 material: Cu gal Sn
 qty: 100 pieces

no.	part no.	size	nominal cross section (mm ²)
1	550742	M3 (3.2mm)	0.5-1.5
2	550743	M3.5 (3.7mm)	0.5-1.5
3	550744	M4 (4.3mm)	1.5-2.5
4	550745	M4 (4.3mm)	4.0-6.0
5	550746	M5 (5.3mm)	1.5-2.5
6	550747	M5 (5.3mm)	4.0-6.0
7	550748	M6 (6.5mm)	4.0-6.0

bumper connection



no.	part no.	nominal cross section (mm ²)	colour
1	550158	0.5-1.0	• red
2	550159	1.0-2.5	• blue
3	550160	2.5-6.0	• yellow

ring terminals



technical data:
 max. temperature : 340°C
 material: Fe gal Ni
 qty: 10 pieces

no.	part no.	size	nominal cross section (mm ²)
1	551010	M3 (3.2mm)	1.0-2.5
2	551011	M4 (4.2mm)	1.0-2.5
3	551013	M4 (4.2mm)	4.0-6.0
4	551012	M5 (5.2mm)	1.0-2.5
5	551014	M5 (5.2mm)	4.0-6.0
6	551015	M6 (6.5mm)	4.0-6.0



technical data:
 max. temperature : 400°C
 material: stainless steel
 qty: 10 pieces

female fastons (safety system)



technical data:
 max. temperature : 110°C
 material: CuZn gal Sn
 qty: 100 pieces

no.	part no.	size	nominal cross section (mm ²)
1	551004	M3 (3.2mm)	1.0-2.5
2	551005	M4 (4.2mm)	1.0-2.5
3	551007	M4 (4.2mm)	4.0-6.0
4	551006	M5 (5.2mm)	1.0-2.5
5	551008	M5 (5.2mm)	4.0-6.0
6	551009	M6 (6.5mm)	4.0-6.5

no.	part no.	size (mm)	nominal cross section (mm ²)
1	550659	4.8x0.8	0.5-1.0
2	550660	4.8x0.8	1.0-2.5
3	550661	6.3x0.8	0.5-1.0
4	550279	6.3x0.8	1.0-2.5

female fastons



technical data:
 max. temperature : 125°C
 material: CuZn
 qty: 20 pieces

ring terminals



technical data:
 max. temperature : 340°C
 material: Fe gal Ni
 qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm ²)
1	100021	2.8x0.8	0.5-1.0
2	550959	4.8x0.8	1.0-2.5
3	100022	6.3x0.8	1.0-2.5

no.	part no.	size	nominal cross section (mm ²)
1	550007	M4 (4.3mm)	0.5-1.0
2	550008	M4 (4.2mm)	1.0-2.5
3	550009	M5 (5.3mm)	1.0-2.5
4	550010	M6 (6.2mm)	1.0-2.5



technical data:
 max. temperature : 110°C
 material: CuZn gal Sn
 qty: 100 pieces

female fastons/piggy back fastons

technical data:
 max. temperature : 340°C
 material: Fe gal Ni
 qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm ²)
1	550650	2.8x0.8	0.5-1.0
2	550648	4.8x0.5	0.5-1.0
2	550649	4.8x0.5	1.0-2.5
2	550651	4.8x0.8	0.5-1.0
2	550652	4.8x0.8	1.0-2.5
3	550653	6.3x0.8	0.5-1.0
3	550654	6.3x0.8	1.0-2.5
3	550655	6.3x0.8	2.5-6.3



fig.	part no.	size (mm)	nominal cross section (mm ²)
1	550045	6.3x0.8	0.5-1.5
1	550001	6.3x0.8	1.0-2.5
1	550046	6.3x0.8	2.5-5.0
2	550012	6.3x0.8	1.0-2.5
3	550198	6.3x0.8	1.0-2.5

fastons/piggy back fastons

technical data:
 max. temperature : 110°C
 material: CuZn gal Sn
 qty: 100 pieces



fig.	part no.	size (mm)	nominal cross section (mm ²)
1	550656	6.3x0.8	1.0-2.5
2	550657	6.3x0.8	1.0-2.5
3	550658	6.3x0.8	1.0-2.5
4	550047	6.3x0.8	

technical data:
 max. temperature : 400°C
 material: stainless steel
 qty: 100 pieces



no.	part no.	size (mm)	nominal cross section (mm ²)
1	551001	6.3x0.8	0.5-1.5
2	551002	6.3x0.8	1.0-2.5
3	551003	6.3x0.8	4.0-6.0

insulating covers for fastons



technical data:
 max. temperature: 120°C
 material: Nylon
 qty: 20 pieces

fig.	part no.	size (mm)	for
1	550665	2.8	insulating covers
1	550666	4.8	insulating covers
1	550331	6.3	insulating covers
2	550332	6.3	insulating covers
3	550667	6.3	insulating covers

crimp contacts

technical data:
 max. temperature : 125°C
 material: CuZn gal Sn (fig.1)
 CuZn (fig. 2+3)
 qty: 20 pieces



no.	part no.	ø (mm)	nominal cross section (mm ²)
1	100112	2.0	0.25-1.0
2	100023	2.4	0.5-1.5
3	100024	4.0	0.25-1.5
4	550923	6.0	0.5-1.5

wire end sleeves



technical data:
 max. temperature : 110°C
 material: Cu gal Sn
 qty: 100 pieces

no.	part no.	nominal cross section (mm ²)	length (mm)
1	550180	0.75	8
2	550181	1.0	10
3	550182	1.5	10
4	550183	2.5	12
5	550184	4.0	12
6	550185	6.0	12
7	550186	10.0	15

boot lace ferrules



technical data:
 max. temperature : 110°C
 material: Cu gal Sn
 qty: 100 pieces

no.	part no.	nominal cross section (mm ²)	length	colour
1	550189	0.75	10mm + collar	white
2	550190	1.0	10mm + collar	yellow
3	550191	1.5	10mm + collar	red
4	550192	2.5	12mm + collar	blue
5	550193	4.0m	12mm + collar	grey
6	550194	6.0	12mm + collar	black
7	550195	10.0	15mm + collar	ivory

Crimping tools

crimping tools with replaceable crimp dies

crimp dies



fig.	part no.	crimp range (mm ²)	suitable for
1	800089	0.5-1.5 1.5-2.5 4.0-6.0	
1	800088	0.5-1.5 1.5-2.5 4.0-6.0	
1	800204	0.5-1.5 1.5-2.5	
1	800205	1.5-2.5 4.0-6.0 10.0	
1	800096	0.5 / 1.0/ 1.5/ 2.0/ 2.5/ 4.0	
2	800206	0.5-1.5 1.5-2.5 4.0-6.0	
2	800207	0.5-1.5 1.5-2.5 4.0-6.0	
2	800208	0.5-1.5 1.5-2.5	
2	800210	1.5-2.5 4.0-6.0 10.0	
2	800209	0.5/ 1.0/ 1.5/ 2.5/ 4.0/ 6.0	
3	800211	0.25-0.5 0.5-1.5 1.5-2.5	
3	800212	0.5-1.5 1.5-2.5	
3	800214	1.5-2.5 6.0	
3	800213	0.5/ 0.75/ 1.0/ 1.5/ 2.5/ 4.0/ 6.0	
3	800223	0.5-1.5mm ² 1.5-2.5mm ² 0.25mm ² / 2.5mm ²	

fig.	part no.	crimp range (mm ²)	suitable for	tongs
1	800217	0.5-1. 1.5-2.5 4.0-6.0		
1	800216	0.5-1.5 1.5-2.5 4.0-6.0		800088 800089 800096 800204 800205 800206 800207
1	800219	0.5-1.5 1.5-2.5		800208 800209 800210
1	800218	1.5/ 2.5/ 4.0/ 6.0/ 10.0		
1	800215	0.5/0.75/ 1.0/1.50/ 2.5/ 4.0/ 6.0		
2	800221	0.5-1.5 1.5-2.5		
2	800220	0.5-1.5 1.5-2.5		
2	800228	1.25/ 6.0		800211 800212 800213 800214 800223
2	800222	0.5/0.75/ 1.0/ 1.50/ 2.5/ 4.0/ 6.0		
3	800224	0.5-1.5 1.5-2.5 0.25/ 2.5		

ANCILLARY PRODUCTS - UNIVERSAL PARTS

crimping tool kits



no.	part no.	crimp range (mm ²)	suitable for	dies
1	800201	0.5-1.5 1.5-2.5 4.0-6.0		800217
		0.5-1.5 1.5-2.5 4.0-6.0		800216
		0.5-1.5 1.5-2.5		800219
		1.5/ 2.5/4.0/ 6.0/10.0		800218
		0.5/ 0.75/ 1.0/ 1.50/2.5/ 4.0/6.0		800215

no.	part no.	crimp range (mm ²)	suitable for	dies
1	800202	0.5-1.5 1.5-2.5		800221
		0.5-1.5 1.5-2.5		800220
		1.25/ 6.0		800228
		0.5/ 0.75/ 1.0/ 1.5/ 2.5/ 4.0/ 6.0		800222
		0.5-1.5 1.5-2.5		800224
		0.25-2.5		



no.	part no.	crimp range (mm ²)	suitable for	dies
1	800203	0.5-1.5 1.5-2.5 4.0-6.0		800217
		0.5-1.5 1.5-2.5 4.0-6.0		800216
		0.5-1.5 1.5-2.5		800219
		1.5/ 0.75/1.0/ 1.50/2.5/ 4.0/ 6.0		800218
		0.5/ 0.75/1.00/ 1.50/2.5/ 4.0/6.0		800215

fig.	part no.	crimp range (mm ²)	suitable for
1	800092	0.5-1.5 1.5-2.5 4.0-6.0	
1	800093	0.5-1.5 1.5-2.5	
2	800091	0.5-1.5 1.5-2.5 4.0-6.0	
2	800090	0.5-1.5 1.5-2.5 4.0-6.0	
3	800094	0.5/ 0.75/ 1.0/ 1.5 2.5	
4	800095	0.75/ 1.0 1.5/ 2.5 4.0/ 6.0 10.0/ 16	

Switches

push switches/momentary push switches
mounting \varnothing 22.3mm



fig.	part no.	description	contacts	schematic
1	346316	switch	2NO 16A/250V	F
1	345038	momentary switch	2NO 16A/250V	G
2	345212	switch	2NO 16A/250V	F
3	345037	switch	2NO 16A/250V	F
4	346002	momentary switch	2NO 16A/250V	G



fig.	part no.	description	contacts	schematic
1	345160	switch, lighted	2NO 16A/250V	H
1	346121	momentary switch, lighted	2NO 16A/250V	I
1	346003	momentary switch + lamp	1NO 16A/250V	D
2	345161	switch, lighted	2NO 16A/250V	H
2	347095	momentary switch, lighted	2NO 16A/250V	I
2	346936	momentary switch + lamp	1NO 16A/250V	D
3	345162	switch, lighted	2NO 16A/250V	H
3	345962	momentary switch + lamp	1NO 16A/250V	D
4	300161	switch, lighted	2NO 16A/250V	H
4	300169	momentary switch + lamp	1NO 16A/250V	D



no.	part no.	description	contacts	schematic
1	345152	momentary switch	2NO 16A/250V	G
2	345151	switch, lighted	2NO 16A/250V	H
3	345961	momentary switch + lamp	1NO 16A/250V	D



fig.	part no.	description	contacts	schematic
1	346496	switch	2NO 16A/250V	F
2	346039	switch	2NO 16A/250V	F



fig.	part no.	description	contacts	schematic
1	346044	momentary switch	2NO 16A/250V	G
2	346040	momentary switch	2NO 16A/250V	G



fig.	part no.	description	contacts	schematic
1	346505	switch, lighted	2NO 16A/250V	H
2	346504	switch, lighted	2NO 16A/250V	H
3	346497	switch, lighted	2NO 16A/250V	H



fig.	part no.	description	contacts	schematic
1	359202	indicator light	250V	Z
2	359203	indicator light	250V	Z
3	359204	indicator light	250V	Z
4	345039	protective cover	-	

mounting 19x13mm



fig.	part no.	description	connection	contacts	schematic
1	347079	switch, lighted	F 6.3mm	2NO 16A/250V	H
2	347106	momentary switch	F 6.3mm	1NO.16A/250V	A
2	347105	switch	F 6.3mm	1NO.16A/250V	K
3	347292	switch, lighted	F 6.3mm	2NO 16A/250V	H



SWITCHES - UNIVERSAL PARTS



fig.	part no.	description	connection	contacts	schematic
1	301190	switch	F 4.8mm	2NO 16A/250V	F
2	301191	momentary switch	F 6.3mm	2NO. 16A/250V	G
3	346117	button	-	-	-



fig.	part no.	description	contacts	schematic
1	346022	switch	2NO 16A/250V	F
2	346417	momentary switch	2NO 16A/250V	G
3	346128	momentary switch	2NO 16A/250V	G
4	346129	momentary switch + lamp	1NO 16A/250V	D



fig.	part no.	description	connection	contacts	schematic
1	346116	switch	F 6.3mm	2NO 16A/250V	F
2	346114	switch	F 6.3mm	2NO 16A/250V	F
3	346115	momentary switch	F 6.3mm	1NO. 16A/250V	A



fig.	part no.	description	contacts	schematic
1	346060	switch	2NO 16A/250V	F
2	346051	momentary switch	2NO 16A/250V	G
3	346050	momentary switch	2NO 16A/250V	G

mounting 27.2x22.2mm



fig.	part no.	description	contacts	schematic
1	345033	switch, lighted	2NO 16A/250V	H
1	345090	momentary switch, lighted	2NO 16A/250V	I
2	345035	switch, lighted	2NO 16A/250V	H
2	346598	switch + lamp	1NO 16A/250V	M1



fig.	part no.	description	contacts	schematic
1	359199	indicator light	230V	Z
2	359209	indicator light	230V	Z
3	359911	indicator light	230V	Z

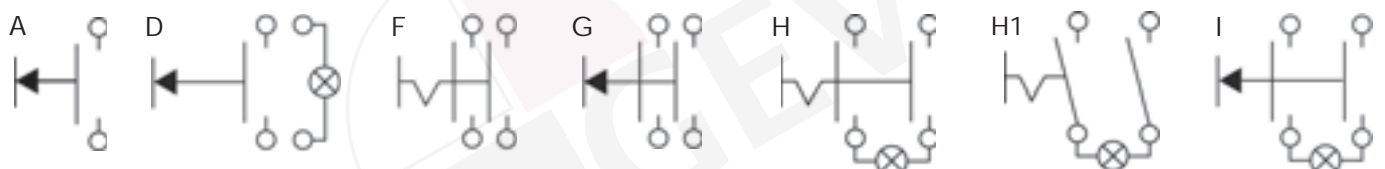
mounting 30x22mm



fig.	part no.	description	contacts	schematic
1	301040	switch, lighted	2NO 16A/250V	H
1	301042	momentary switch, lighted	2NO 16A/250V	I
2	301041	switch, lighted	2NO 16A/250V	H
2	301043	momentary switch, lighted	2NO 16A/250V	I



no.	part no.	description	contacts	schematic
1	345094	switch + lamp	2NO 16A/250V	L
2	345098	momentary switch + lamp	2NO 16A/250V	J



rocker switches/ momentary rocker switches mounting 19x13mm



fig.	part no.	description	contacts	schematic
1	301047	switch, lighted	2NO 16A/250V	H
1	301050	momentary switch, lighted	2NO 16A/250V	I
2	301048	switch, lighted	2NO 16A/250V	H
2	301051	momentary switch, lighted	2NO 16A/250V	I
3	301049	switch + lamp	2NO 16A/250V	L
3	301052	momentary switch + lamp	2NO 16A/250V	J
4	346536	switch	2NO 16A/250V	F
4	345963	momentary switch	2NO 16A/250V	G



fig.	part no.	description	connection	contacts	schematic
1	301067	switch, lighted	F 4.8mm	2NO 10A/250V	H1
1	346450	switch, lighted	F 2.8mm	2NO 10A/250V	H1
2	301068	switch, lighted	F 4.8mm	2NO 10A/250V	H1
3	301069	switch, lighted	F 4.8mm	2NO 10A/250V	H1
4	301066	switch	F 4.8mm	2NO 10A/250V	F1

mounting 19x22mm



fig.	part no.	description	contacts	schematic
1	345235	switch, lighted	2NO 16A/250V	H
1	345237	momentary switch, lighted	2NO 16A/250V	I
2	345236	switch, lighted	2NO 16A/250V	H
2	345238	momentary switch, lighted	2NO 16A/250V	I
3	346041	switch, lighted	2NO 16A/250V	H
3	347024	momentary switch + lamp	1NO 16A/250V	D
4	346048	momentary switch	1NO 16A/250V	A



fig.	part no.	description	contacts	schematic
1	346134	switch, lighted	2NO 10A/250V	H1
2	346133	switch, lighted	2NO 10A/250V	H1
3	346550	switch, lighted	2NO 10A/250V	H1
4	346549	switch	2NO 10A/250V	F1

mounting 26.5x25.6mm



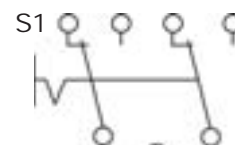
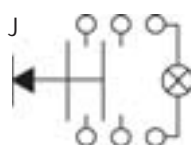
fig.	part no.	description	contacts	schematic
1	301082	switch, lighted	2NO 16A/250V	H
2	301083	switch, lighted	2NO 16A/250V	H
3	301084	switch, lighted	2NO 16A/250V	H



fig.	part no.	description	contacts	schematic
1	345013	switch, lighted	2NO 16A/250V	H1
2	345277	switch, lighted	2NO 16A/250V	H1
3	345278	switch, lighted	2NO 16A/250V	H1
4	301245	switch, lighted	2NO 16A/250V	H1



fig.	part no.	description	contacts	schematic
1	301086	switch	2NO 16A/250V	F
2	346052	switch, lighted	2CO 16A/250V	S1



SWITCHES - UNIVERSAL PARTS

mounting 30x11mm



fig.	part no.	description	contacts	schematic
1	345282	switch, lighted	2CO 16A/250V	S1
1	347116	momentary switch, lighted	2CO 16A/250V	V1
2	345281	switch, lighted	2CO 16A/250V	S1
2	347117	momentary switch, lighted	2CO 16A/250V	V1
3	345280	switch, lighted	2CO 16A/250V	S1
3	347118	momentary switch, lighted	2CO 16A/250V	V1
4	347115	switch, lighted	2CO 16A/250V	S1
4	347119	momentary switch, lighted	2CO 16A/250V	V1



fig.	part no.	description	contacts	schematic
1	301053	switch, lighted	1NO 16A/250V	O1
2	301010	switch, lighted	1NO 16A/250V	O1
3	301011	switch, lighted	1NO 16A/250V	O1
4	301012	switch, lighted	1NO 16A/250V	O1
4	345381	switch, lighted	1NO 16A/24V	O1



fig.	part no.	description	contacts	schematic
1	347120	switch, lighted	2NO 16A/250V	H1
1	347123	switch, lighted	2CO 16A/250V	S1
1	347127	momentary switch, lighted	2CO 16A/250V	V1
2	347121	switch, lighted	2NO 16A/250V	H1
2	347124	switch, lighted	2CO 16A/250V	S1
2	347128	momentary switch, lighted	2CO 16A/250V	V1
3	345003	switch, lighted	2NO 16A/250V	H1
3	347125	switch, lighted	2CO 16A/250V	S1
3	347129	momentary switch, lighted	2CO 16A/250V	V1
4	347122	switch, lighted	2NO 16A/250V	H1
4	347126	switch, lighted	2CO 16A/250V	S1
4	345191	momentary switch, lighted	2NO 16A/250V	V1



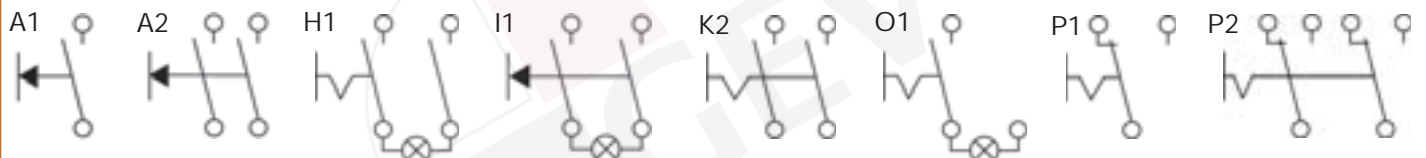
fig.	part no.	description	contacts	schematic
1	301013	switch	1CO 16A/250V	P1
2	301014	momentary switch	1NO 16A/250V	A1
3	345575	switch	1NO-1NO 16A/250V	R1



fig.	part no.	description	contacts	schematic
1	301039	switch lighted	1NO 16A/250V	O1
2	301037	switch lighted	1NO 16A/250V	O1
3	301038	switch lighted	1NO 16A/250V	O1
4	301035	protective cover	-	-



fig.	part no.	description	contacts	schematic
1	345002	switch	2CO 16A/250V	P2
1	347130	momentary switch	2CO 16A/250V	U1
2	347131	switch	2CO 16A/250V	P2
3	345190	switch	2CO 16A/250V	P2



mounting 30x22mm



fig.	part no.	description	contacts	schematic
1	301009	switch, lighted	2NO 16A/250V	H1
1	301085	momentary switch, lighted	2NO 16A/250V	I1
2	301001	switch, lighted	2NO 16A/250V	H1
2	301020	momentary switch, lighted	2NO 16A/250V	I1
2	301091	switch, lighted	2NO 10A/400V	H1
3	301002	switch, lighted	2NO 16A/250V	H1
3	301018	momentary switch, lighted	2NO 16A/250V	I1
3	345512	switch, lighted	2NO 10A/400V	H1
3	301135	momentary switch, lighted	2NO 16A/24V	I1
4	301003	switch, lighted	2NO 16A/250V	H1
4	301019	momentary switch, lighted	2NO 16A/250V	I1
4	301137	switch, lighted	2CO 10A/400V	H1



fig.	part no.	description	contacts	schematic
1	301140	switch	2CO 16A/250V	P2
2	301188	switch	2NO-2NO 16A/250V	R2
2	346852	switch/momentary switch	2NO-2NO 16A/250V	W2
3	345356	momentary switch	1CO 16A/250V	U



fig.	part no.	description	contacts	schematic
1	346081	switch	2NO 16A/250V	K2
2	346082	switch	2NO 16A/250V	K2
3	346083	switch	2NO 16A/250V	K2
4	301717	momentary switch	1NO 16A/250V	A1



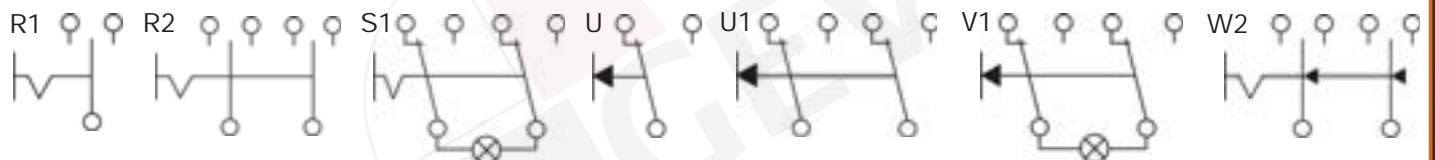
fig.	part no.	description	contacts	schematic
1	301078	momentary switch	2NO 16A/250V	A2
1	346066	switch	2NO 16A/250V	K2
1	346978	momentary switch	2CO 16A/250V	U1
2	301004	switch	2CO 16A/250V	P2
3	301101	switch	2CO 16A/250V	P2
4	346361	switch	2CO 16A/250V	P2



fig.	part no.	description	contacts	schematic
1	301081	switch, lighted	2CO 16A/250V	S1
2	301015	switch, lighted	2CO 16A/250V	S1
3	301016	switch, lighted	2CO 16A/250V	S1
4	301017	switch, lighted	2CO 16A/250V	S1
4	301137	switch, lighted	2CO 10A/400V	S1



fig.	part no.	description	contacts	schematic
1	346377	switch	2NO 16A/250V	K2
2	301098	momentary switch	2NO 16A/250V	A2



SWITCHES - UNIVERSAL PARTS



fig.	part no.	description	contacts	schematic
1	301060	switch, lighted	2NO 16A/250V	H1
2	301061	switch, lighted	2NO 16A/250V	H1
2	346937	momentary switch, lighted	2CO 16A/250V	V1
3	301062	switch, lighted	2NO 16A/250V	H1



fig.	part no.	description	contacts	schematic
1	346164	switch, lighted	2NO 16A/250V	H1
2	346981	switch, lighted	2NO 16A/250V	H1
3	347113	switch, lighted	2NO 16A/250V	H1
4	347114	switch, lighted	2NO 16A/250V	H1



fig.	part no.	description	contacts	schematic
1	346899	switch, lighted	2NO 16A/250V	H1
2	345645	switch, lighted	2NO 16A/250V	H1
3	345641	switch, lighted	2NO 16A/250V	H1
4	346896	switch	2NO 16A/250V	K2



fig.	part no.	description	contacts	schematic
1	345056	switch, lighted	2NO 16A/250V	H1
2	347112	switch, lighted	2NO 16A/250V	H1
3	346368	momentary switch	2CO 16A/250V	U1



fig.	part no.	description	contacts	schematic
1	345188	switch, lighted	2NO 16A/250V	H1
2	346046	switch, lighted	2NO 16A/250V	H1
3	346049	switch, lighted	2NO 16A/250V	H1
4	346047	switch, lighted	2NO 16A/250V	H1



fig.	part no.	description	contacts	schematic
1	301030	switch, lighted	2x1NO 16A/250V	2xO1
2	301031	switch, lighted	2x1NO 16A/250V	2xO1
3	301029	switch, lighted	2x1NO 16A/250V	2xO1



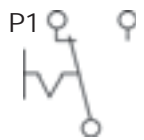
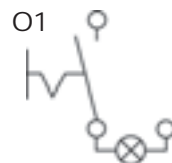
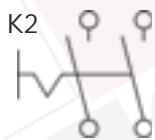
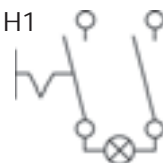
fig.	part no.	description	contacts	schematic
1	345599	switch, lighted	2x1NO 16A/250V	2xO1
2	345647	switch, lighted	2x1NO 16A/250V	2xO1



fig.	part no.	description	contacts	schematic
1	346108	switch, lighted	2NO 16A/250V	H1
2	346110	switch, lighted	2NO 16A/250V	H1
3	346109	switch, lighted	2NO 16A/250V	H1
4	346111	switch, lighted	2NO 16A/250V	H1



no.	part no.	description	contacts	schematic
1	301080	switch	1NO/1CO 16A/250V	K1 + P1



2-hole mounting



fig.	part no.	description	contacts	schematic
1	301032	switch, lighted + lamp 230V	1NO 16A/250V	O1 + Z
2	301033	switch, lighted + lamp 230V	1NO 16A/250V	O1 + Z
3	301034	switch, lighted + lamp 230V	1NO 16A/250V	O1 + Z

no.	part no.	description	hole distance	contacts	schematic
1	346161	switch	50mm	3NO 10A/400V ON-OFF	K3



fig.	part no.	description	contacts	schematic
1	301036	protective cover	-	-
2	346474	dummy element	-	-



no.	part no.	description	hole distance	contacts	schematic
1	346149	switch	47mm	3NO 16A/250V ON-OFF	K3

mounting 36.5x22mm



fig.	part no.	description	contacts	schematic
1	346074	switch, lighted	2NO 12A/250V	H1
2	346036	switch, lighted	2NO 12A/250V	H1

series Domino-ST complete



fig.	part no.	description	contacts	suitable for
1	345142	switch	2 NO	Vibiemme Faema
2	346019	switch	2 NO	Elektra
3	346091	switch	2 NO	

toggle switches/ momentary toggle switches

mounting $\varnothing 6\text{mm}$



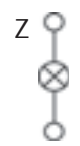
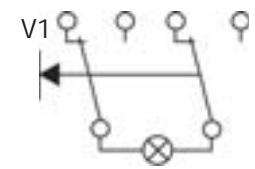
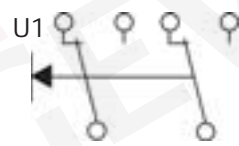
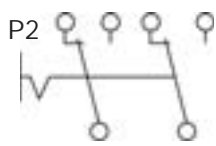
fig.	part no.	description	contacts	schematic
1	346519	switch	2NO 15A/250V ON-OFF	K2
2	346529	switch	2CO 15A/250V ON-ON	P2
2	346520	switch	2CO 15A/250V ON-OFF-ON	R2

series Domino-SQ complete

single



no.	part no.	description	contacts	suitable for
1	346502	switch	2 NO	Vibiemme



micro-switches

micro-switches universal

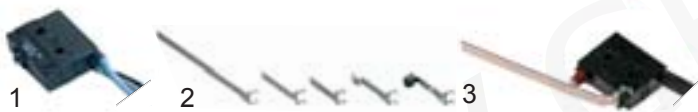


fig.	part no.	function	switch power	connection
1	345214	1CO	6A/250V	cable 500mm
2	345229	lever set	-	-
3	347006	1NO	10A/250V	cable 700mm



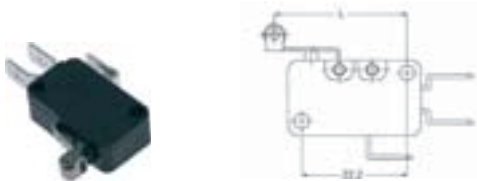
fig.	part no.	function	switch power	connection
1	346141	1NO	10A/250V	faston 2.8mm
2	346137	1CO	5A/250V	solder connection
3	347026	1CO	5A/250V	solder connection
4	347021	1CO	3A/250V	solder connection

micro-switches with lever



no.	part no.	L (mm)	function	switch power	connection (mm)
1	345256	26.5	1CO	16A/250V	faston 6.3
2	345257	31.5	1CO	16A/250V	faston 6.3
3	346456	36	1CO	0.1A/250V	faston 6.3
4	345255	36	1CO	16A/250V	faston 6.3
5	347010	36	1CO	16A/250V	faston 4.8
6	346969	50	1NO	16A/250V	faston 6.3
7	345742	56	1CO	16A/250V	faston 6.3
8	346872	58	1CO	0.1A/250V	faston 6.3
9	345773	60	1CO	16A/250V	faston 6.3
10	345254	66	1CO	16A/250V	faston 6.3
11	345345	69	1CO	16A/250V	faston 6.3
12	346072	71	1CO	6A/250V	faston 6.3
13	345107	100	1CO	16A/250V	faston 6.3

micro-switches with roller lever



no.	part no.	L (mm)	function	switch power	connection (mm)
1	345041	20.5	1CO	16A/250V	faston 6.3
2	345252	25	1CO	16A/250V	faston 6.3
3	345253	30	1CO	16A/250V	faston 6.3
4	345250	34.5	1CO	16A/250V	faston 6.3
5	345251	41	1CO	16A/250V	faston 6.3

micro-switches universal



fig.	part no.	function	switch power	connection
1	345042	1CO	16A/250V	faston 6.3mm
2	300158	1CO	8A/250V	cable 1500mm
3	345043	lever set	-	-

basic micro-switches



fig.	part no.	function	switch power	connection (mm)
1	345105	1CO	16A/250V	faston 6.3mm
2	346158	1CO	5A/250V	faston 4.8mm
3	346145	1CO	10A/250V	faston 4.8mm
4	347043	1NC	16A/250V	faston 4.8mm

micro-switches with non-standard levers



no.	part no.	function	connection (mm)	suitable for	equiv. no.
1	346152	1CO	faston 6.3	Mazzer	S00SMIA04

micro-switches with front fixing



fig.	part no.	fixing	function	switch power	connection (mm)
1	345032	M10x0.75mm	1CO	16A/250V	faston 6.3
2	345350	M12x0.75mm	1CO	16A/250V	faston 6.3



no.	part no.	fixing	function	switch power	connection (mm)
1	345104	M10x0.75mm roller plunger	1CO	16A/250V	faston 6.3

micro-switches with lever



no.	part no.	L (mm)	function	switch power
1	345268	38	1CO	16A/250V
2	345269	54	1CO	16A/250V
3	345125	63.5	1CO	16A/250V
4	345044	72	1CO	16A/250V
5	345270	133	1CO	16A/250V
6	345074	146.5	1CO	16A/250V
7	345271	152.5	1CO	16A/250V
8	346908	172	1CO	16A/250V

micro-switches with roller lever



no.	part no.	L (mm)	function	switch power
1	346874	25	1CO	16A/250V
2	347076	30	1CO	16A/250V
3	345266	34.5	1CO	16A/250V
4	345485	47	1CO	16A/250V
5	345045	50.5	1CO	16A/250V
6	345267	60	1CO	16A/250V

micro-switches non standard types



no.	part no.	function	switch power	suitable for	equiv. no.
1	345103	1CO	20A/400V	San Marco	

micro-switches, front fixing



fig.	part no.	fixing	function	switch power
1	345156	M10x1mm	1CO	16A/250V
2	345138	M12x1mm	1CO	16A/250V
3	345258	M12x1mm	1CO	16A/400V



fig.	part no.	fixing	function	switch power
1	345694	M12x1mm	1CO	16A/250V
2	345679	M12x1mm	1CO	16A/250V
3	347009	M12x1mm	1CO	20A/250V



fig.	part no.	fixing	function	switch power
1	346370	M12x1mm	1CO	16A/250V
2	347096	M12x1mm	1CO	16A/250V

Lamps

indicator lamps and housings built-in housings for lamp types A-C

mounting- \varnothing 10mm, plug type



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359124	yellow	type A	3	359125	red	type A
2	359123	green	type B	4	359228	clear	type A

mounting- \varnothing 12mm, plug type



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359260	yellow	type A	3	359261	red	type A
2	359262	green	type B	4	359280	clear	type A

mounting- \varnothing 12mm, plug type



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359278	yellow	type A	4	359275	clear	type A
2	359277	green	type B	5	359792	blue	type C
3	359276	red	type A				

LAMPS - UNIVERSAL PARTS

mounting- \varnothing 13mm, plug type



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359281	yellow	type A	3	359283	red	type A
2	359282	green	type B	4	359530	clear	type A

mounting- \varnothing 10mm, plug type



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359414	yellow	type H	3	359957	red	type H
2	359816	green	type I	4	359815	clear	type H

mounting- \varnothing 13mm, screw type

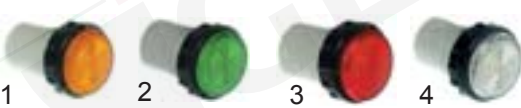


fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359127	yellow	type A	3	359128	red	type A
2	359126	green	type B	4	359225	clear	type A



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359958	yellow	type H	3	359960	red	type H
2	359959	green	type I	4	359961	clear	type H

indicator lamps (types A-C)



fig.	part no.	voltage	connection (mm)	lamp type	fig.	part no.	voltage	connection (mm)	lamp type
	359279	12V	F 6.3	A	1	359133	400V	F 6.3	B
	359129	24V	F 6.3	A	2	359350	230V	F 6.3	C
1	359130	230V	F 6.3	A		359430	230V	200	A
	359132	230V	F 6.3	B	3	359431	230V	200	B
	359131	400V	F 6.3	A		359435	400V	200	A

mounting- \varnothing 10mm, screw type



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359962	yellow	type H	4	359965	clear	type H
2	359963	green	type I	5	359242	metal ring	
3	359964	red	type H				

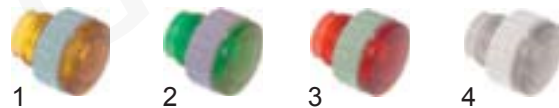


fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359966	yellow	type H	3	359968	red	type H
2	359967	green	type I	4	359969	clear	type H

built-in housings for lamp types H-I mounting- \varnothing 8mm, grip plug type



fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359949	yellow	type H	3	359951	red	type H
2	359950	green	type I	4	359952	clear	type H

mounting- \varnothing 12mm, plug type

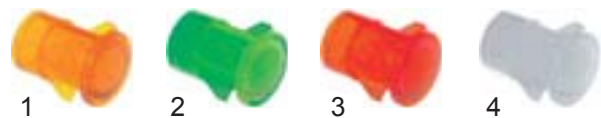


fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359970	yellow	type H	3	359972	red	type H
2	359971	green	type I	4	359973	clear	type H

mounting- \varnothing 13mm, plug type

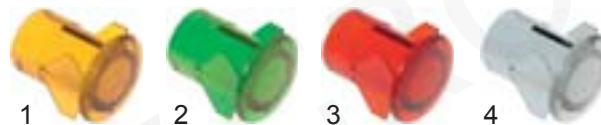
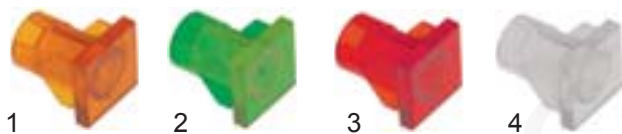


fig.	part no.	colour	lamp	fig.	part no.	colour	lamp
1	359974	yellow	type H	3	359976	red	type H
2	359975	green	type I	4	359977	clear	type H



mounting- \varnothing 10mm, plug type



fig.	part no.	voltage	colour	connection (mm)	fig.	part no.	voltage	colour	connection (mm)
1	359978	24V	yellow	F 6.3	3	359980	24V	red	F 6.3
2	359979	230V	green	F 2.8	4	359981	230V	clear	F 2.8
1	359140	230V	yellow	F 6.3	3	359040	230V	red	F 2.8
1	359034	400V	yellow	F 6.3	3	359138	230V	red	F 6.3
1	359216	24V	green	F 6.3	3	359020	400V	red	F 6.3
2	359230	230V	green	F 2.8	4	359227	24V	clear	F 6.3
2	359139	230V	green	F 6.3	4	359232	230V	clear	F 2.8
2	359019	400V	green	F 6.3	4	359036	230V	clear	F 6.3
						359035	400V	clear	F 6.3

indicator lamps (lamp types H-I)



fig.	part no.	voltage	connection (mm)	lamp type	fig.	part no.	voltage	connection (mm)	lamp type
1	359982	230V	F 6.3	H	2	359985	230V	F 4.8	I
1	359983	230V	F 6.3	I	3	359814	230V	400	H
1	359523	400V	F 6.3	H	3	359987	230V	400	I
1	359522	400V	F 6.3	I	3	359521	400V	400	H
2	359984	230V	F 4.8	H	3	359520	400V	400	I

mounting- \varnothing 10mm, screw type



fig.	part no.	voltage	colour	connection (mm)	fig.	part no.	voltage	colour	connection (mm)
1	359524	230V	yellow	F 6.3	3	359237	230V	red	F 6.3
2	359238	230V	green	F 6.3	4	359525	230V	clear	F 6.3

round indicator lamps

mounting- \varnothing 6mm, plug type



fig.	part no.	voltage	colour	cable (mm)	fig.	part no.	voltage	colour	cable (mm)
1	359285	24V	yellow	400	2	359004	230V	green	400
1	359005	230V	yellow	400	3	359009	230V	red	400
2	359420	6V	green	400	4	359037	230V	clear	400
2	359284	24V	green	400					

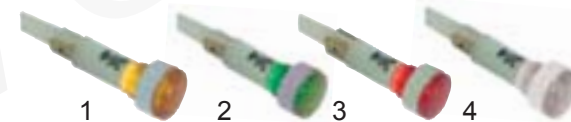


fig.	part no.	voltage	colour	connection (mm)	fig.	part no.	voltage	colour	connection (mm)
1	359871	230V	yellow	F 4.8	3	359872	230V	red	F 4.8
1	359379	230V	yellow	F 6.3	3	359380	230V	red	F 6.3
1	359526	400V	yellow	F 6.3	3	359528	400V	red	F 6.3
1	359870	230V	green	F 4.8	4	359867	230V	clear	F 4.8
2	359378	230V	green	F 6.3	4	359995	230V	clear	F 6.3
2	359527	400V	green	F 6.3	4	359529	400V	clear	F 6.3

mounting- \varnothing 9mm, plug type



fig.	part no.	voltage	colour	connection (mm)	fig.	part no.	voltage	colour	connection (mm)
1	359137	230V	yellow	F 6.3	2	345597	400V	green	F 6.3
1	345598	400V	yellow	F 6.3	3	359135	230V	red	F 6.3
2	359136	230V	green	F 6.3	4	359134	230V	clear	F 6.3

mounting- \varnothing 12mm, plug type



fig.	part no.	voltage	colour	connection (mm)	fig.	part no.	voltage	colour	connection (mm)
1	359042	230V	yellow	F 6.3	3	359043	230V	red	F 6.3
2	359041	230V	green	F 6.3	4	359044	230V	clear	F 6.3



fig.	part no.	voltage	colour	cable (mm)	fig.	part no.	voltage	colour	cable (mm)
1	359319	24V	yellow	150	2	359318	24V	green	150
2	359286	230V	green	150	3	359287	230V	red	150

LAMPS - UNIVERSAL PARTS

mounting 27.2x22.2mm



fig.	part no.	voltage	colour	connection (mm)
1	359025	24V	yellow	F 6.3
	359048	230V	yellow	F 6.3
	359290	400V	yellow	F 6.3
2	359023	24V	green	F 6.3
	359027	230V	green	F 6.3
	359291	400V	green	F 6.3
3	359024	24V	red	F 6.3
	359026	230V	red	F 6.3
	359292	400V	red	F 6.3
4	359047	24V	clear	F 6.3
	359021	230V	clear	F 6.3
	359994	400V	clear	F 6.3

fig.	part no.	voltage	colour	connection (mm)
1	359911	230V	yellow	F 6.3
2	359209	230V	red	F 6.3
3	359199	230V	red	F 6.3

mounting-ø 13mm, plug type



fig.	part no.	voltage	colour	connection (mm)
1	359143	230V	yellow	F 6.3
	359119	24V	green	F 6.3
2	359142	230V	green	F 6.3
	359141	230V	red	F 6.3
4	359045	230V	clear	F 6.3

LED indicator lamps

mounting-ø 6mm, screw type



fig.	part no.	voltage	colour	connection (mm)
1	359402	24V DC	yellow	F 2.8
2	359357	24V DC	green	F 2.8
3	359403	24V DC	red	F 2.8

mounting-ø 13mm, screw type



fig.	part no.	voltage	colour	connection (mm)
1	359146	230V	yellow	F 6.3
	359050	400V	yellow	F 6.3
2	359145	230V	green	F 6.3
	359049	400V	green	F 6.3
3	359144	230V	red	F 6.3
	359046	230V	clear	F 6.3

mounting-ø 14mm, screw type



fig.	part no.	voltage	colour	connection (mm)
1	359397	230V	yellow	F 2.8
2	359382	230V	green	F 2.8
3	359398	230V	red	F 2.8

mounting 14x11mm



fig.	part no.	voltage	colour	connection (mm)
1	359218	230V	yellow	F 6.3
2	359270	230V	green	F 6.3

mounting 20x13mm



no.	part no.	voltage	colour	connection (mm)
1	346135	230V	yellow	F 4.8
2	347262	230V	yellow	F4.8

Thermostats

bi-metal thermostats



fig.	part no.	cut off temperature (°C)	function	no. of poles	switching capacity	connections H=horizontal V=vertical	hole distance (mm)
4	390123	50	NC	1	10A	6.3 H	23.8
2	390685	55	NC	1	16A	6.3 V	23.8
4	390301	60	NC	1	16A	6.3 H	23.8
4	375749	75	NC	1	16A	6.3 H	23.8
4	390518	77	NC	1	10A	6.3 H	23.8
1	390511	78	NC	1	10A	4.8 V	-
4	390319	80	NC	1	16A	6.3 H	23.8
2	390705	80	NC	1	16A	6.3 V	23.8
4	375750	85	NC	1	16A	6.3 H	23.8
4	390107	86	NC	1	10A	6.3 H	23.8
1	390160	90	NO	1	10A	6.3 V	30
4	390463	90	NC	1	15A	6.3 H	24
1	390104	95	NC	1	16A	6.3 V	-
3	390436	100	NC	1	16A	6.3 H	-
4	390592	100	NC	1	16A	6.3 H	24
1	390350	110	NC	1	16A	6.3 V	-
4	390612	110	NC	1	16A	6.3H	23.8
4	390361	120	NC	1	10A	6.3 H	23.8
1	390351	120	NC	1	16A	6.3 V	23.8
1	390352	125	NC	1	16A	6.3 V	-
4	390633	125	NC	1	16A	6.3H	23.8
1	390398	127	NC	1	16A	6.3 V	-
4	390447	130	NC	1	16A	6.3 H	24
1	390715	130	NC	1	16A	6.3 V	-
5	390411	130	NC	2	16A	6.3 V	40
3	390362	132	NC	1	16A	6.3 H	-
4	390503	135	NC	1	10A	6.3 H	23.8
1	390354	135	NC	1	16A	6.3 V	23.8
4	390363	140	NC	1	10A	6.3 H	23.8
1	390355	140	NC	1	16A	6.3 V	-
1	390356	145	NC	1	16A	6.3 V	-
2	390634	145	NC	1	16A	6.3 V	23.8
4	390613	150	NC	1	16A	6.3H	23.8
1	390358	155	NC	1	16A	6.3 V	-
3	390364	155	NC	1	16A	6.3 H	-
1	390359	160	NC	1	16A	6.3 V	-
3	390570	160	NC	1	16A	6.3 H	-
1	390360	165	NC	1	16A	6.3 V	-
3	390365	165	NC	1	16A	6.3 H	-
3	390435	170	NC	1	16A	6.3 H	-
2	390652	170	NC	1	16A	6.3 V	23.8

fig.	part no.	cut off temperature (°C)	function	no. of poles	switching capacity	connections H=horizontal V=vertical	holder type
1	390580	60	NC	1	16A	6.3 V	M4
2	390483	65	NO	1	16A	6.3 H	M4
1	390692	85	NC	1	16A	6.3 V	M4
1	390320	90	NC	1	16A	6.3 V	M4
2	375242	92	NC	1	16A	6.3 H	M4
1	390128	95	NC	1	16A	6.3 V	M4
1	390322	100	NC	1	16A	6.3 V	M4
5	390413	100	NC	1	10A	6.3 H	M4
1	390697	103	NC	1	10A	6.3 V	M4
1	390152	107	NC	1	16A	6.3 V	M4
1	375160	110	NC	1	16A	6.3 V	M4
3	390627	110	NC	1	10A	6.3 V	M4
1	390129	125	NC	1	16A	6.3 V	M4
3	390366	128	NC	1	10A	6.3 V	M4
1	390326	130	NC	1	16A	6.3 V	M4
1	390153	135	NC	1	16A	6.3 V	M4
1	390158	140	NC	1	16A	6.3 V	M4
3	375905	140	NC	1	10A	6.3 V	M4
1	390323	145	NC	1	16A	6.3 V	M4
1	390327	150	NC	1	16A	6.3 V	M4
1	390328	152	NC	1	16A	6.3 V	M4
4	390533	160	NC	1	16A	6.3 V	M5
1	390329	165	NC	1	16A	6.3 V	M4



fig.	part no.	cut off temperature (°C)	function	no. of poles	switching capacity	connections H=horizontal V=vertical	hole distance (mm)	gasket
1	390347	115	NC		16A	6.3H	40	-
1	390722	180	NC	1	16A	6.3H	40	-
2	390125	130	NC	1	15A	6.3H	-	513018
3	513018							gasket for 390125



fig.	part no.	description	fig.	part no.	description
1	550388	holder	2	550389	holder

THERMOSTATS - UNIVERSAL PARTS

safety bi-metal thermostats



fig.	part no.	cut off temperature (°C)	function	no. of poles	switching capacity	connections H=horizontal V=vertical	hole distance (mm)	gasket
3	375751	85	NC	1	16A	6.3 H	23.8	
1	390461	95	NC	1	16A	6.3 V	-	
2	375757	100	NC	1	16A	6.3 H	-	
1	390462	105	NC	1	16A	6.3 V	-	
2	375755	105	NC	1	16A	6.3 H	-	
3	390480	105	NC	1	16A	6.3 H	23.8	
1	390233	110	NC	1	16A	6.3 V	-	
4	390717	110	NC	1	16A	6.3 V	M4	23.8
1	390138	112	NC	1	16A	6.3 V	-	
3	375753	120	NC	1	16A	6.3 H	23.8	
4	390684	120	NC	1	16A	6.3 V	M4	23.8
4	375754	125	NC	1	16A	6.3 V	23.8	
2	390711	127	NC	1	16A	6.3H	M4	-
3	390366	128	NC	1	10A	6.3 V	M4	23.8
2	390376	130	NC	1	16A	6.3 H	-	
5	390688	130	NC	2	10A	6.3 V	M4	39
4	390197	135	NC	1	16A	6.3 V	23.8	
2	390377	135	NC	1	16A	6.3 H	-	
2	390378	140	NC	1	16A	6.3 H	-	
1	390379	150	NC	1	16A	6.3 V	-	
1	390380	155	NC	1	16A	6.3 V	-	
4	390533	160	NC	1	16A	6.3 V	M5	23.8
4	390235	165	NC	1	16A	6.3 V	23.8	
1	390369	175	NC	1	16A	6.3 V	-	
3	390509	210	NC	1	16A	6.3 H	23.8	



fig.	part no.	cut off temperature (°C)	function	no. of poles	switching capacity	connections H=horizontal V=vertical	holder type	hole distance (mm)
1	390392	115	NC	1	16A	6.3 v	M4	-
2	375728	105	NC	1	16A	6.3 h	-	24
3	390394	130	NC	1	16A	6.3 v	-	24
1	390693	160	NC	1	16A	6.3 v	M4	-
4	375294	190	NC	1	16A	6.3 h	-	24
5	390410	200	NC	1	16A	6.3 v	-	24
6	390459	200	NC	1	16A	6.3 v	M4	-
2	690493	230	NC	1	16A	6.3 h	-	24



fig.	part no.	cut off temperature (°C)	function	no. of poles	switching capacity	connections H=horizontal V=vertical	hole distance (mm)
1	390456	85	NC	2	16A	6.3 v	40
1	390455	100	NC	2	16A	6.3 v	40
1	390681	105	NC	2	16A	6.3 V	40
1	390367	130	NC	2	16A	6.3 v	40
1	390531	150	NC	2	16A	6.3 v	40
1	390187	180	NC	2	16A	6.3 v	40
2	390434	145	NC	2	20A	6.3 v	37
3	390432	120	NC	3	25A	M5	50
4	390431	120	NC	2	25A	M5	

thermal fuses



no.	part no.	cut off temperature (°C)	switching capacity
1	358293	60	10A
2	358294	84	10A
3	358301	98	10A
4	358295	104	10A
5	358296	109	10A
6	358297	117	10A
7	358298	128	10A
8	358299	141	10A
9	358300	152	10A
10	358302	167	10A
11	358303	184	10A
12	358304	192	10A
13	358305	216	10A
14	358306	228	10A
15	358307	240	10A



fig.	part no.	cut off temperature (°C)	function	no. of poles	switching capacity	connections H=horizontal V=vertical	holder type
2	390026	70	NC	1	16A	6.3 H	M4
2	390412	80	NC	1	16A	6.3 H	M4
2	375730	115	NC	1	16A	6.3 H	M4
1	390311	135	NC	1	16A	6.3 V	M4
1	390370	145	NC	1	16A	6.3 V	M4
1	375732	150	NC	1	16A	6.3 V	M4
1	390371	152	NC	1	10A	6.3 V	M4
1	390372	165	NC	1	16A	6.3 V	M4
1	390709	180	NC	1	16A	6.3 V	M4



no.	part no.	cut off temperature (°C)	function	pole	switching capacity	connections H=horizontal V=vertical	holder type	hole distance (mm)
1	390346	106	NC	1	16A	6.3 v	ø 16mm	23.8
1	390100	110	NC	1	16A	6.3 v	ø 16mm	23.8
2	390694	120	NC	1	16A	6.3 H	-	-

Solenoid valves

**plastic solenoid valves
different manufacturers**

solenoid valves MÜLLER
plastic solenoid valves

Made in Germany

technical data:

medium temperature : 90°C
duty cycle: 100%
rated voltage: 220-240V AC



fig.	part no.	supply	outflow	nominal width
1	370005	1/2"	1/2"	DN10
2	370007	3/4"	3/4"	DN10
3	370173	3/4"	3/4"	DN17

angled solenoid valves



fig.	part no.	description	supply	outflow (mm)	nominal width
1	370074	single	3/4"	11.5	DN10
1	370001	single	3/4"	14.5	DN10
2	370094	double	3/4"	11.5	DN10
2	370003	double	3/4"	14.5	DN10
3	370000	triple	3/4"	14.5	DN10

straight solenoid valves



fig.	part no.	description	supply	outflow (mm)	nominal width
1	370117	single	3/4"	11.5	DN10
1	370002	single	3/4"	14.5	DN10
2	370158	double	3/4"	11.5	DN10
2	370004	double	3/4"	14.5	DN10
3	370172	triple	3/4"	11.5	DN10
3	370008	triple	3/4"	14.5	DN10

solenoid coils



fig.	part no.	connection	supply
1	371017	flat plug 6.2mm	230V AC
1	371037	flat plug 6.2mm	24V AC
2	371038	appliance plug	230V AC

spare parts



fig.	part no.	description
1	371090	power socket
2	371011	repair set
3	371009	spring



0.5	part no.	description
1	501161	holder for solenoid coils
2	371002	flange support
3	371122	plastic filter
4	501064	SS filter

SOLENOID VALVES – UNIVERSAL PARTS

flow regulating valve (inlet)



technical data:
 type: MR04
 pressure range: 1 to 10bar
 approval: KTW
 mounting measures: ø 19mm
 nominal flow: at 4bar

no.	part no.	flow rate (l/min)	colour	tolerance
1	371200	5.0	red	± 15%
2	371201	8.0	black	± 15%
3	371202	10.0	white	± 15%
4	371203	12.0	orange	± 15%
5	371204	14.0	light blue	± 15%
6	371205	15.0	violet	± 15%
7	371206	16.0	grey	± 15%
8	371207	18.0	brown	± 15%
9	371208	20.0	green	± 15%



technical data:
 type: MR06
 pressure range: 1 to 10bar
 approval: KTW
 mounting measures: ø 19mm
 nominal flow: at 4bar

no.	part no.	flow rate (l/min)	colour	tolerance
1	371210	0.5	yellow	± 50%
2	371211	1.0	pink	± 30%
3	371212	1.4	light blue	± 25%
4	371213	1.9	black	± 25%
5	371214	2.5	green	± 20%
6	371215	3.0	violet	± 20%
7	371216	3.5	dark blue	± 20%
8	371217	9.0	orange	± 20%

flow regulating valve for angled output DN10



technical data:
 type: MR05
 pressure range: 1 to 10bar
 approval: KTW
 mounting measures: ø 9.5mm
 nominal flow: at 4bar

no.	part no.	flow rate (l/min)	colour	tolerance
1	371270	0.5	yellow	± 50%
2	371271	1.0	pink	± 30%
3	371272	1.4	light blue	± 25%
4	371273	1.9	black	± 25%
5	371274	2.5	green	± 20%
6	371275	3.0	violet	± 20%
7	371276	3.5	dark blue	± 20%
8	371277	5.0	red	± 20%
9	371278	8.0	white	± 20%
10	371279	9.0	orange	± 20%

flow regulating valve for straight output DN10



technical data:
 type: MR07
 pressure range: 1 to 10bar
 approval: KTW
 mounting measures: ø 10mm
 nominal flow: at 4bar

no.	part no.	flow rate (l/min)	colour	tolerance
1	371280	0.5	yellow	± 50%
2	371281	1.0	pink	± 30%
3	371282	1.4	light blue	± 25%
4	371283	1.9	black	± 25%
5	371284	2.5	green	± 20%
6	371285	3.0	violet	± 20%
7	371286	3.5	dark blue	± 20%
8	371287	5.0	red	± 20%
9	371288	8.0	white	± 20%
10	371289	9.0	orange	± 20%

solenoïd valves TP solenoïd valves plastic DN10

technical data:
 liquid temperature: 90°C 90°C 60°C
 ambient temperature: 60°C 25°C 60°C
 duty cycle: 40% 100% 100%

angled solenoïd valves



fig.	part no.	description	supply	outflow (mm)	supply
1	370015	single	¾"	11.5	230V AC
1	370030	single	¾"	11.5	24V AC
1	370016	single	¾"	14	230V AC
1	370031	single	¾"	14	24V AC
2	370019	double	¾"	11.5	230V AC
2	370109	double	¾"	11.5	24V AC
2	370020	double	¾"	14	230V AC
2	370110	double	¾"	14	24V AC
3	370023	triple	¾"	11.5	230V AC
3	370113	triple	¾"	11.5	24V AC
3	370024	triple	¾"	14	230V AC
3	370114	triple	¾"	14	24V AC

straight solenoid valves



fig.	part no.	description	supply	outflow (mm)	supply
1	370017	single	3/4"	11.5	230V AC
1	370029	single	3/4"	11.5	24V AC
1	370118	single	3/4"	11.5	24V DC
1	370018	single	3/4"	14	230V AC
1	370032	single	3/4"	14	24V AC
2	370021	double	3/4"	11.5	230V AC
2	370111	double	3/4"	11.5	24V AC
2	370022	double	3/4"	14	230V AC
2	370112	double	3/4"	14	24V AC
3	370025	triple	3/4"	11.5	230V AC
3	370115	triple	3/4"	11.5	24V AC
3	370026	triple	3/4"	14	230V AC
3	370116	triple	3/4"	14	24V AC

flow regulating valve (outlet side)



no.	part no.	flow rate (l/min)	colour	tolerance
1	371230	0.25	red	± 25%
2	371231	0.45	violet	± 25%
3	371232	0.6	orange	± 25%
4	371233	0.8	white	± 25%
5	371234	1.0	blue	± 25%
6	371235	1.2	dark brown	± 25%
7	371236	1.5	light brown	± 25%
8	371237	2.5	yellow	± 25%
9	371238	3.4	dark green	± 25%
10	371239	5.0	black	± 20%
11	371240	8.0	blue	± 20%

accessories for solenoid valves TP solenoid coils



no.	part no.	supply
1	371013	230V AC
2	371035	24V AAC

brass solenoid valves different manufacturers

brass solenoid valves MÜLLER 2-way solenoid valves



fig.	part no.	inlet	output	usage	total length (mm)	supply
1	370037	1/8" inner	M16x1 outer	steam	-	230V AC
2	370069	1/8" inner	1/8" inner	water	30	230V AC
3	370600	3/4" outer	1/2" inner	water	57	230V AC

flow regulating valve (inlet side)



no.	part no.	flow rate (l/min)	colour	tolerance
1	371220	3.0	red	± 15%
2	371221	5.5	yellow	± 15%
3	371222	6.0	grey	± 15%
4	371223	10	white	± 15%
5	371224	12	blue	± 15%
6	371225	16	light brown	± 15%
7	371226	20	brilliant-red	± 20%

brass solenoid valves OLAB



fig.	part no.	inlet	output	supply
1	370562	2-way	1/8"	230V AC
2	370166	3-way	1/8"	24V DC
3	370095	2-way	1/8"	230V AC
4	370484	2-way	1/8"	230V AC

SOLENOID VALVES – UNIVERSAL PARTS

brass solenoid valves SIRAI

2-way solenoid valves



technical data:
 series: L120-Vo2
 P min: 0bar
 P max: 20bar
 liquid temperature: -10° to 155°C
 membranes: FPM
 slide-on receptacle: DIN

no.	part no.	connection	nominal width	total length (mm)	supply	membranes
1	370064	1/8"	2.2	32	24V AC	Z110A



technical data:
 series: L121
 P min: 0.1bar
 P max: 8bar
 temperature Med. EPDM: -60° to 140°C
 temperature Med. Viton: -60° to 140°C
 membranes: PTFE (steam)
 coil: Z614A
 total length (mm): 42mm
 slide-on receptacle: DIN

no.	part no.	connection	nominal width	supply	membranes	coil
1	370084	1/4"	3.2	230V AC	EPDM	ZA34A
2	370087	1/4"	3.2	24V AC	EPDM	ZA34A
3	370228	1/4"	2.2	230V AC	Viton	ZA30A
4	370229	1/4"	2.2	24V AC	Viton	ZA30A



technical data:
 series: L171
 P min: 0bar
 P max: 7bar
 liquid temperature: 10° to 100°C
 membranes: EPDM (water)
 coil: Z610A
 slide-on receptacle: compact

no.	part no.	connection	nominal width	supply	total length (mm)	coil
1	370083	1/4"	3.0	230V AC	42	Z610A
2	370086	1/4"	3.0	24V AC	42	Z610A



technical data:
 series: L256
 P min: 0bar
 P max: 25bar

no.	part no.	connection	nominal width	supply	total length (mm)	coil
1	370082	1/8"	2.2	230V AC	26.5	Z610A



technical data:
 series: L177-B
 P min: 0bar
 P max: 30bar
 liquid temperature: 10° to 90°C
 membranes: NBR (water)
 slide-on receptacle: DIN

no.	part no.	connection	nominal width	supply	total length (mm)	coil
1	370565	1/8"	1.6	230v AC	42	ZA30A



technical data:
 series: L134-D
 P min: 0bar
 P max: 10bar
 liquid temperature: -10° to 140°C
 membranes: EPDM (water&steam)
 slide-on receptacle: DIN

no.	part no.	nominal width	supply	coil
1	370201	3.5	230V AC	Z530A

3-way solenoid valves



technical data:
 series: L334
 P min: 0bar
 P max: 10bar
 liquid temperature: -20° to 140°C
 membranes: FKM
 coil: see table
 plug type: compact

no.	part no.	nominal width	supply	coil
1	370080	2.2	230V AC	ZA30A
2	370081	2.2	24V AC	ZA30A
3	370227	1.6	24V DC	ZA30E
4	370563	1.6	230V AC	ZA32A



technical data:
 series: L377-B
 P min: 0bar
 P max: 10bar
 liquid temperature: -10° to 90°C
 membranes: NBR (water)

no.	part no.	connection	nominal width	supply	total length (mm)	coil
1	370210	1/8"	1.6	230V AC	26.5	Z610A

accessories for solenoid valves SIRAI solenoid coils



fig.	part no.	supply	type	power	intake
1	371071	230V AC	Z610A	10VA	10mm
1	371070	24V AC	Z610A	10VA	10mm
1	371069	24V DC	Z610A	6W	10mm
1	371159	230V AC	Z614A	10VA	10mm
1	371158	24V AC	Z614A	10VA	10mm
1	371099	24V DC	ZB10A	5.5VA	10mm
2	371176	230V AC	ZA34A	14VA	14mm
2	371177	24V AC	ZA34A	14VA	14mm
2	371047	230V AC	ZA30A	14VA	14mm
2	371048	24V AC	ZA30A	14VA	14mm
2	371049	24V DC	ZA30E	12W	14mm
3	371074	230V AC	Z530A	14VA	12mm
3	371067	230V AC	Z534A	14VA	12mm
3	371068	24V AC	Z534A	14VA	12mm
4	371077	230V AC	Z110A/ Z114A/ Z134A	24VA	14mm
4	371178	24V AC	Z110A/ Z114A/ Z134A	24VA	14mm
4	371078	24V DC	Z110A/ Z114A/ Z134A	13W	14mm

Kompakt M&M valves 2-way solenoid



technical data:
 series: B-297
 min: 0bar
 total length (mm): 30mm
 liquid temperature: -10° to 130°C
 membranes: FKM (water)
 coil: see table
 plug type: compact

no.	part no.	connection	nominal width	supply	P max.	coil
1	370096	1/8"	2.5	230V AC	5bar	2700
2	370097	1/8"	2.5	24V AC	5bar	2700
3	370167	1/8"	1.5	24V DC	15bar	2250
4	370561	1/8"		230V AC	18bar	2700

technical data:
 series: D-249
 P min: 0bar
 P max: see table
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: see table
 total length (mm): 38
 plug type: DIN

no.	part no.	connection	nominal width	supply	P max.	coil
1	370098	1/4"	3.0	230V AC	8bar	8700
2	370099	1/4"	3.0	24V AC	8bar	82M
3	370104	1/4"	3.0	24V DC	4bar	82D
4	370100	1/4"	4.0	230V AC	2bar	8700
5	370101	1/4"	4.0	24V AC	2bar	82M



technical data:
 series: B-240
 P min: 0bar
 P max: 18bar
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: 2700
 plug type: compact

no.	part no.	flange size	nominal width	supply
1	370068	32x32mm	1.5	230V AC



technical data:
 series: 246
 P min: 0bar
 P max: 0.02bar

no.	part no.	connection	supply	P max.	coil
1	370523	1/4"	230V AC	0.2bar	2700

3-way solenoid valves



technical data:
 series: B-320
 P min: 0bar
 P max: 15bar
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: 7700
 plug type: DIN

no.	part no.	nominal width	supply
1	370213	1.5	230V AC



technical data:
 series: B-301
 P min: 0bar
 P max: 15bar
 liquid temperature: -10° to 130°C
 membranes: FKM (water)
 coil: see table
 plug type: DIN

no.	part no.	flange size (mm)	nominal width	supply	coil	note
1	370207	32x32	1.5	230V AC	7700	hose fitting
2	370284	32x32	1.5	230V AC	7700	1/8"
3	370285	32x32	1.5	24V AC	7200	1/8"

SOLENOID VALVES – UNIVERSAL PARTS



technical data:
 series: B-397
 P min: 0bar
 P max: 10bar
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: 2700
 plug type: compact



technical data:
 series: VE-140
 P min: 0bar
 P max: 30bar
 liquid temperature: -10° to 140°C
 membranes: Roby
 plug type: DIN

no.	part no.	connection	nominal width	supply	total length (mm)
1	370214	1/8"	1.5	230V AC	30

fig.	part no.	connection	nominal width	supply	total length (mm)	coil	material
1	370220	1/8"	2.5	230V AC	30	ZB09	brass
2	370473	1/8"	2.5	230V AC	30	ZB09	nickel-plated brass
3	370575	1/8"	2.5	230V AC	30	ZB09	nickel-plated



technical data:
 series: D-363
 P min: 0bar
 P max: 5bar
 liquid temperature: -10° to 130°C
 membranes: EPDM (water/steam)
 coil: 7200
 plug type: DIN

no.	part no.	connection	nominal width	supply	total length (mm)
1	370108	1/4"	2.5	24V AC	40



technical data:
 series: 7121
 P min: 0bar
 P max: 10bar
 liquid temperature: -10° to 75°C
 membranes: FKM

no.	part no.	connection	nominal width	supply	total length (mm)	material
1	370594	1/8"	2.5	230V AC	30	48351056



fig.	part no.	supply	type	power	intake (mm)
1	371022	230V AC	2700	10VA	10
1	371023	24V AC	2200	10VA	10
2	371026	230V AC	7700	18VA	15
2	371027	24V AC	7200/7201	18VA	15
3	371024	230V AC	8700	12VA	15
3	371025	24V AC	82M	12VA	15
3	371080	24V DC	82D	10W	15



technical data:
 series: VE161
 P min: 0bar
 P max: 10bar
 membranes: FKM

fig.	part no.	connection	nominal width	supply	total length (mm)	material
1	370553	1/8"	2.2	230V AC	32	KT09
1	370566	1/4"	2.2	230V AC	39	KT09
2	370552	1/4"	2.2	230V AC	68	KT09

brass-solenoid valves SCEM PARKER

2-way solenoid valves



technical data:
 series: VE-146
 P min: 0bar
 P max: see table
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: see table
 plug type: DIN

no.	part no.	connection	nominal width	supply	P.Max	coil
1	370521	1/8"	1.5	230V AC	40bar	ZB09
1	370206	1/8"	2.5	230V AC	15bar	ZB09
1	370066	1/8"	2.5	24V AC	15bar	ZB09
1	370218	1/8"	2.5	24V DC	12bar	ZB12
1	370303	1/8"	3.0	230V AC	10bar	ZB09
1	370067	1/4"	3.0	230V AC	10bar	ZB09
1	370034	1/4"	3.0	24V AC	10bar	ZB09
1	370221	1/4"	3.0	24V DC	8bar	ZB12
2	370574	1/8"	2.5	230V AC	15bar	ZB09



technical data:
 series: 746
 P min: 0bar
 P max: 15bar
 liquid temperature: -10° to 140°C
 membranes: FKN

no.	part no.	connection	nominal width	supply	total length (mm)	material
1	370584	1/8"	1.5	230V AC	40	48351056



technical data:
 series: VE-125
 P min: 0bar
 P max: 10bar
 liquid temperature: 20° to 130°C
 membranes: FKM (water)
 coil: ZB09
 plug type: DIN

no.	part no.	flange size	nominal width	supply
1	370202	32x32mm	2.5	230V AC

solenoid coils



fig.	part no.	supply	type	power	intake (mm)
1	371029	230V AC	ZB09	9W	14
1	371036	24V AC	ZB09	9W	14
1	371030	24V DC	ZB12	12W	14
1	371082	110V / 60Hz	ZB09UL	9W	14
2	371033	230V AC	YB09	9W	14
2	371098	230V AC	YB14	14W	14

no.	part no.	flange size	supply	coil
1	370549	22x22mm	208-230V AC 60Hz	KT09
2	370576	25x25mm	230V AC	WB4.5

3-way solenoid valves



technical data:
 series: VE-128
 P min: 0bar
 P max: 10bar
 liquid temperature: -20° to 140°C
 membranes: Ruby
 coil: see table
 plug type: DIN

fig.	part no.	flange size (mm)	nominal width	supply	coil	body
1	370057	32x32	1.2	230V AC	ZB09	outer cone
1	370050	32x32	1.2	24V AC	ZB09	outer cone
1	370058	32x32	1.2	24V DC	ZB12	outer cone
1	370055	32x32	1.2	230V AC	ZB09	inner cone
1	370056	32x32	1.2	24V AC	ZB09	inner cone
1	370587	32x32		230V AC	ZB09	inner cone
2	370060	32x32	1.2	230V AC	YB09 with cable	outer cone

brass-solenoid valves LUCIFER PARKER

2-way solenoid valves



technical data:
 series: 121Z
 P min: 0bar
 P max: 10bar
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: see table
 plug type: DIN

no.	part no.	connection	nominal width	supply	coil
1	370071	1/8"	2.5	230V AC	DZ06 S6
2	370230	1/8"	2.5	24V DC	DZ02C2



technical data:
 series: VE-141
 P min: 0bar
 P max: 10bar
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: ZB9
 plug type: DIN



technical data:
 series: 121K
 P min: 0bar
 P max: 10bar
 liquid temperature: -20° to 130°C
 membranes: FKM (water)
 coil: see table
 plug type: DIN

no.	part no.	connection	nominal width	supply
1	370234	1/8"	1.2	230V AC
2	370212	1/8"	2.0	230V AC
3	370550	1/8"	3.0	230V AC
4	370059	1/4"	2.0	230V AC
5	370219	1/4"	2.0	24V AC

no.	part no.	connection	nominal width	supply	coil
1	370072	1/8"	3.0	230V AC	DZ06 S6
2	370224	1/8"	3.0	24V AC	DZ02A2
3	370225	1/8"	3.0	24V DC	DZ02C2
4	370088	1/4"	3.0	230V AC	DZ06 S6
5	370226	1/4"	3.0	24V AC	DZ02A2

accessories for solenoid valve SCEM PARKER valve body



fig.	part no.	description	note
1	370062	solenoid valve body 3-way	outer cone
2	370063	solenoid valve body 3-way	inner cone
3	370568	solenoid valve body 2-way	1/8"



fig.	part no.	connection	nominal width	supply	coil
1	370592	32x32mm	1.5	230V AC	483510S6
2	370599	32X32mm	3	230V AC	483510S6

SOLENOID VALVES – UNIVERSAL PARTS



technical data:
 series: 121F
 P min: 0bar
 P max: 10bar
 liquid temperature: -10° to 140°C
 membranes: Ruby (water/steam)
 plug type: DIN

brass-solenoid valves ODE 2-way solenoid valves



technical data:
 series: 21J
 P min: 0bar
 liquid temperature: -10° to 140°C
 membranes: FKM (water/steam)
 total length (mm): 30
 plug type: DIN

no.	part no.	flange size	nominal width	supply	coil
1	370211	32x32mm	3.5	230V AC	DZ06 S6

no.	part no.	connection	nominal width	supply	P.Max	coil
1	370555	1/8"	2.3	220V/60Hz	18bar	LBF

3-way solenoid valves



technical data:
 series: E131K
 P min: 0bar
 P max: 10bar
 liquid temperature: -10° to 140°C
 membranes: Ruby (water/steam)
 coil: see table
 plug type: DIN



technical data:
 series: 21A
 P min: 0bar
 P max: see table
 liquid temperature: -10° to 140°C
 membranes: FKM (water/steam)
 total length (mm): 40
 plug type: DIN

no.	part no.	connection	nominal width	supply	coil
1	370222	1/8"	2.5	230V AC	DZ06 S6
2	370223	1/4"	2.5	230V AC	DZ06 S6
3	370595	1/4"	3	230V AC	48351056

no.	part no.	connection	nominal width	supply	P. max	coil	body
1	370208	1/8"	2.5	230V AC	14bar	BDA	brass
2	370590	1/8"	2.5	230V AC	14bar	BDP	brass
3	370573	1/8"	2.5	230V AC	14bar	ADA	brass
4	370209	1/8"	2.5	24V AC	14bar	BDA	brass
5	370615	1/8"	3.0	230V AC	10bar	BDA	brass
6	370145	1/4"	3.0	230V AC	10bar	BDA	brass
7	370139	1/4"	3.0	24V AC	10bar	BDA	brass
8	370582	1/4"	5.5	24V AC	3.0bar	BDA	brass
9	370349	1/4"	5.5	230V AC	3.5bar	BDA	stainless steel



technical data:
 series: E131F
 P min: 0bar
 P max: 10bar
 liquid temperature: -10° to 140°C
 membranes: FKM (water/steam)
 coil: see table
 plug type: DIN



technical data:
 series: 4171K
 P min: 0bar
 liquid temperature: -10° to 140°C
 membranes: FKM (water/steam)
 plug type: DIN

no.	part no.	flange size	nominal width	supply	coil
1	370053	32x32mm	2.5	230V AC	DZ06 S6
2	370593	32x32mm	1.5	24V AC	483510P0
3	370054	32x32mm	2.5	24V AC	DZ06P0
4	370051	32x32mm	2.5	24V DC	DZ02C2

no.	part no.	flange size	nominal width	supply	P. max	coil
1	370559	1/4"	2.5	230V/50Hz	14bar	BDP
2	370560	1/4"	2.5	220V/60Hz	14bar	BDF

accessories for solenoid valve LUCIFER solenoid coils



no.	part no.	supply	type	power	intake (mm)
1	371031	230V AC	DZ06S6	9W	15
2	371032	24V AC	DZ06P0	9W	15
3	371043	24V DC	DZ02C2	9W	15
4	371083	24V AC	DZ02A2	9W	15

no.	part no.	flange size	nominal width	supply
1	370093	32x32mm	2.5	230V AC

valve body



technical data:
 series: 4827K
 P min: 0bar
 liquid temperature: -10° to 140°C
 membranes: FKM (water/steam)
 plug type: DIN

no.	part no.	description	note
1	370061	solenoid valve body	outer cone

no.	part no.	flange size	nominal width	supply	P. max	coil
1	370571	32x32mm	2.0	230V	22bar	ADA



technical data:
series: 4827K



technical data:
series: 5005A
P min: 0bar
liquid temperature: -10° to 140°C
membranes: FKM (water/steam)
plug type: DIN

no.	part no.	flange size	supply	coil
1	370556	M21x1	230V AC 50-60Hz	BDP

no.	part no.	flange size	nominal width	supply	P. max	coil
1	370541	32x32mm	1.5	230V	15bar	BDA

3-way solenoid valves



technical data:
series: KT130A

no.	part no.	flange size	nominal width	supply	P. max	coil
1	370528	1/8"	1.2	230V	15bar	LBA

no.	part no.	thread	supply	coil
1	370557	M21x1	220/60	BDV



technical data:
series: 31A
P min: 0.1bar
P max: see table
liquid temperature: -10° to 140°C
membranes: FKM (water/steam)
coil: BDA
plug type: DIN

solenoid coils



no.	part no.	connection	nominal width	supply	P. max
1	370237	1/8"	2.5	230V AC	6bar
1	370231	1/4"	1.5	230V AC	4bar
1	370616	1/4"	2.0	230V AC	10bar
1	370089	1/4"	2.5	230V AC	6bar
2	370604	1/4"	3	230V AC	5bar

no.	part no.	supply	type	power	intake (mm)
1	371191	230V AC	LBA	5W	10
2	371150	230V AC	BDA	8W	12
3	371151	24V AC	BDA	8W	12
4	371152	24V DC	BDA	8W	12



technical data:
series: 4767A

accessories for solenoid valves (water/steam)

no.	part no.	flange size	nominal width	supply	P. max	coil
1	370591	45x20	1.5	230V AC 50-60Hz	15bar	BDP



fig.	part no.	flange size	nominal width	supply	P. max	coil
1	370583	32x32mm	1.5	24V AC	15bar	BDA
1	370203	32x32mm	2.5	230V AC	6bar	BDA
1	370204	32x32mm	2.5	24V AC	6bar	BDA
1	370125	32x32mm	2.5	24V DC	6bar	BDA
2	370572	32x32mm	1.5	230VAC	15bar	ADA

fig.	part no.	description	plug type	note
1	371090	power socket large	DIN	
2	371092	power socket large	DIN	with cable 150cm
3	371091	power socket small	compact	
4	371093	power socket small	compact	with cable 150cm

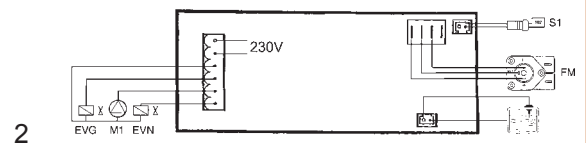
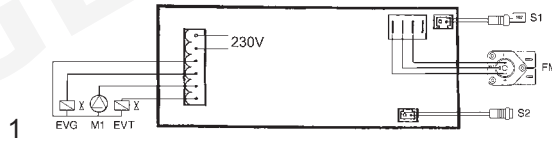


fig.	part no.	description	connection
1	371095	O-ring Viton	1.78x 6.07mm
2	371100	O-ring silicone	1.78x 6.07mm

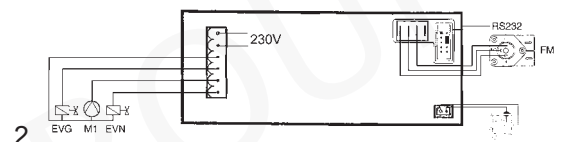
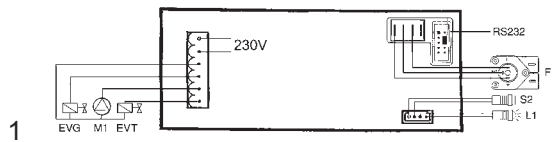
Universal controls

key pad controls

- FM Flow meter
- EVN Solenoid valve (level)
- EVT Solenoid valve (tea)
- EVG Solenoid valve (group)
- M1 Pressure increasing pump
- S1 Programming switch
- S2 Tea (push button)
- L1 LED

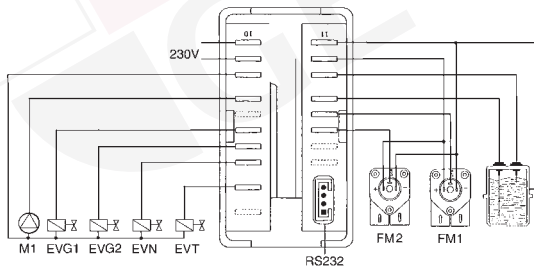


no.	part no.	description
1	400247	Dos- TH + Tea, 9.5.2604
2	400248	Dos- TH + RL, 9.5.2602

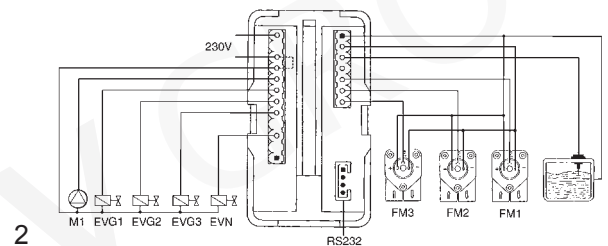
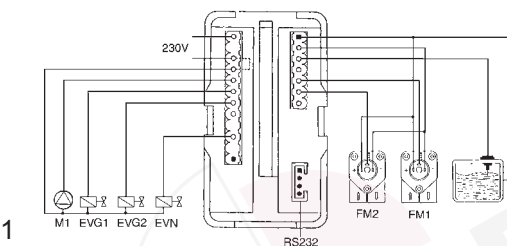


no.	part no.	description
1	400223	1 d5 GRTL NKP S10 + Tea, 9.5.28.34.v.00
2	400508	1 d5 GRTL NKP S10 + RL, 9.5.28.14.v.00

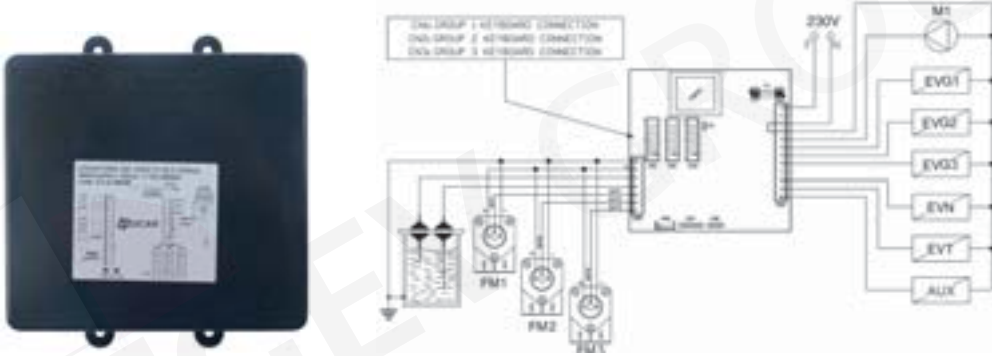
electronic boxes



no.	part no.	description	push button no.	suitable for	equiv. no.
1	400224	ET30 RL + Tea, 230V AC	400226 400227	Gicar	9.5.24.00.00



no.	part no.	description	push button no.	suitable for	equiv. no.
1	400225	ET40/no Tea, 230V AC	400226	Gicar	9.5.23.14.00
2	400227	ET40/RL Tea, 230V AC	400227	Gicar	9.5.23.24.00



no.	part no.	description	push button no.	suitable for	equiv. no.
1	402911	3d5 3GR XLC	400226 400227	Gicar	9.5.22.50.00

keypads

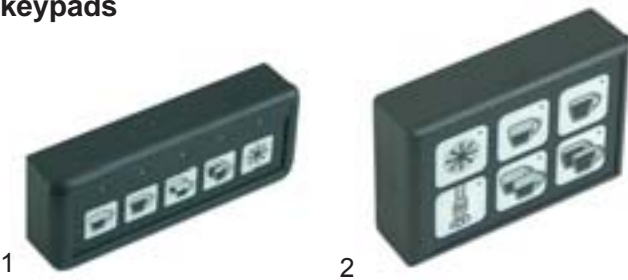


fig.	part no.	description	suitable for	equiv. no.
1	400226		Gicar	9.9.09.50
2	400227		Gicar	9.9.09.28



no.	part no.	length	poles	no.	part no.	length	poles
1	400228	60cm	2 x 8	3	400706	110cm	2 x 8
2	400229	80cm	2 x 8	4	400707	140cm	2 x 8

electronic switches



fig.	part no.	description	fitting dimension
1	400641	key switch	12mm
2	345680	lever switch, 3A/ 250V	6mm



no.	part no.	length	poles	no.	part no.	length	poles
1	400700	60cm	8	2	400702	60cm	10
1	400701	80cm	8	2	400703	80cm	10
1	400485	110cm	8	2	400704	110cm	10
1	400705	140cm	8	2	400705	140cm	10

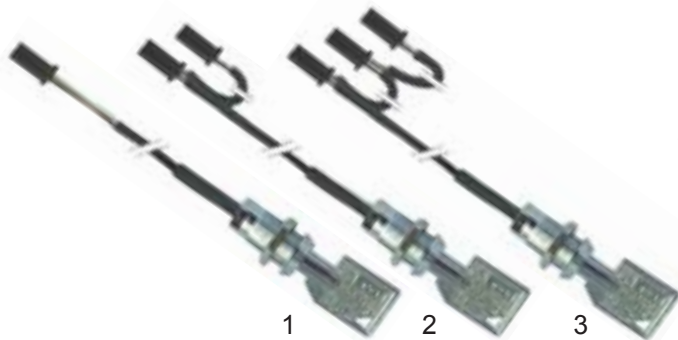


fig.	part no.	description
1	400297	for 1 group
2	400298	for 2 groups
3	400299	for 3 groups

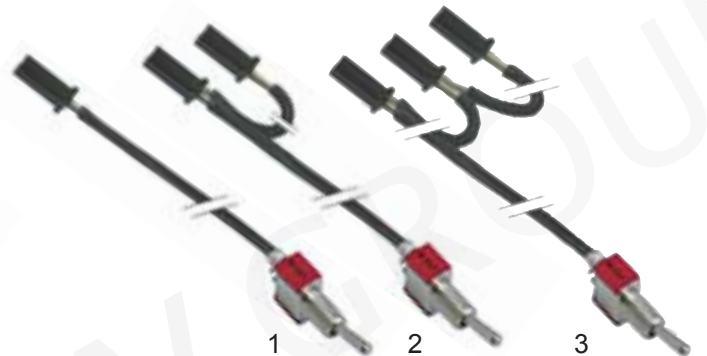


fig.	part no.	description
1	346136	for 1 group
2	346170	for 2 groups
3	346171	for 3 groups

FLOW METERS – UNIVERSAL PARTS



no.	part no.	poles	pack	no.	part no.	poles	pack
1	400690	2	10	4	400694	8	5
2	400691	4	10	5	400695	10	5
3	400693	6	5				



fig.	part no.	description
1	400692	crimp socket

no.	part no.	poles	no.	part no.	poles
1	550800	2	7	550806	8
2	550801	3	8	550807	9
3	550802	4	9	550808	10
4	550803	5	10	550809	11
5	550804	6	11	550810	12
6	550805	7	12	550811	13

Flow meters

GICAR
flow meters



pos.	part no.	TS	material	version	approval	suitable for	equiv. no.
1	400642	¼"	plastic	-	NSF	Bremer Gicar Palux	027790 9.0.97.54G 027790
2	400775	¼"	brass	with LED	-	Gicar Vibiemme	9.0.78.01G ELETCONTVOLOT
3	401914	¼"	brass	with LED	NSF	Expobar Gicar	60100045 9.0.93.02G
4	526324	¼"	stainless steel	-	NSF	Carimali Gicar	95.01205 9.0.95.02G
5	400222	¼"	stainless steel	-	NSF	Gicar	9.0.95.05G
6	400004	¼"	stainless steel	with LED	NSF	Astoria Bezzera Expobar Gicar NuovaSimonelli San Marco Wega	18126 7431001 60100050 9.0.96.02G 04900027 2209.006 WY18126



pos.	part no.	TS	material	version	approval	suitable for	equiv. no.
7	401920	¼"	stainless steel	with LED	NSF	Gicar Rancilio	9.0.9619G 34070050
8	400778	¼"	stainless steel	with LED	NSF	Gicar Reneka	9.0.96.08G 9008954
9	402891	1/4"	plastic	-	NSF	Gicar	9.0.97.62G
10	402898	1/4"	plastic	with LED	NSF	Gicar	9.0.98.61G
11	402897	1/4"	plastic	with LED	NSF	Gicar	9.0.98.51G
12	400255	1/8"	stainless steel	with LED	NSF	Brasilia Gicar	08729.2.00.08 9.0.96.50G



pos.	part no.	HCø (mm)	material	approval	suitable for	equiv. no.
1	402890	6	plastic	NSF	Gicar	9.0.99.60G
2	402889	6	plastic	NSF	Gicar	9.0.99.19G
3	400782	6	plastic	NSF	Gicar N&W VFA-Express	9.0.94.07G 098707 414795

accessories



pos.	part no.	description
1	400088	casing cover GICAR nickel-plated brass
2	400257	impeller GICAR H 15 mm D1 ø 26,7 mm D2 ø 9,8 mm
3	400258	O-rings for flow meter
4	400256	plug GICAR for flow meter
5	529913	spacer ring H 6,5 mm D1 ø 11 mm D2 ø 8 mm PTFE

DIGMESA flow meters



pos.	part no.	TS	material	version	type	suitable for	equiv. no.
1	400209	¼"	brass	-	-	-	-
2	400005	¼"	brass	with connecting line	with branch	Faema	2251131855
3	400193	¼"	stainless steel	-	-	Animo	02699

accessories



pos.	part no.	description	suitable for	equiv. no.
1	400259	impeller for DIGMESA	Faema	4831091782

PRESSURE SWITCHES - UNIVERSAL PARTS

miscellaneous



pos.	part no.	description	suitable for	equiv. no.
1	402542	flow meter 1/4" brass	Spaziale	2498
2	402550	hall effect sensor L 16 mm W 16 mm H 10 mm for flow meter	Spaziale	3418



pos.	part no.	description	suitable for	equiv. no.
1	400349	flow meter	Brasilia	01804.4.00.08

VENDING



pos.	part no.	description	HCø (mm)	material	version	approval	suitable for	equiv. no.
1	400565	flow meter hose connector ø 6 mm plastic	6	plastic		NSF	Brasilia	10264.2.00.08

Pressure switches

ø 45 mm



fig.	part no.	ø connection	switch-off pressure (bar)	reset pressure (bar)	suitable for	equiv. no.
1	541101	10mm	0.60	0.40	Animo	02695
1	541766	10mm			Animo	03238
2	541100	6mm	0.50	0.30	Bonamat	6.016.015.005
3	541015	1/4"	0.40	0.36	Palux Bremer	

ø 38 mm



no.	part no.	pressure range (bar)	T	no.	part no.	pressure range (bar)	T
1	541020	0.5-1.2	1/4"	6	541153	1.2	1/4"
2	541340	0.9	1/4"	7	541341	1.5-4.0	1/4"
3	541152	1.0	1/4"	8	541089	0.5-1.2	1/8"
4	541158	1.0-2.5	1/4"	9	541155	1.0-2.5	1/8"
5	541151	1.1	1/4"	10	541154	2.0	1/8"

ø 38 mm 2-pole



no.	part no.	pressure range (bar)	T
1	541107	1.1	1/4"



no.	part no.	pressure range (bar)	
1	541743	90/50	8/12mm
2	541733	105/75	8/12mm
3	541930	155/125	8/12mm



no.	part no.	pressure range (bar)	T
1	541417	0.9-1.7 settable	1/4"
2	541042	1.0-2.8 settable	1/4"

3-pole

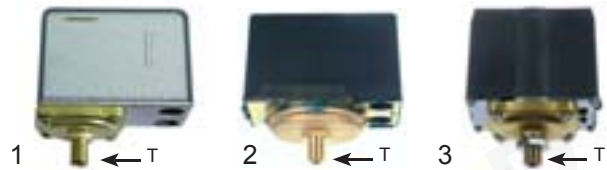


fig.	part no.	pressure range (bar)	T	switching capacity	no. of poles	marque	type
1	541021	0.5-1.4 settable	1/4"	30A	3	Sirai	P302
2	541453	0.5-1.4 settable	1/4"	25A	3	Parker	PS325
3	541723	0.5-1.4 settable	1/4"	20A	2	Sirai	P203
3	541724	0.5-1.4 settable	1/4"	20A	3	Sirai	P303

ø 35 mm



no.	part no.	pressure range (bar)	T
1	541131	0.2-6.0 settable	1/4"
2	541143	0.2-6.0 settable	1/8"

Pumps

vibration pumps
ULKA



pos.	part no.	type	voltage (V)	power (W)	inlet ø	outlet ø	outlet	suitable for	equiv. no.
1	500178	EP 5	24	48	6	1/8" IT	flat	Gaggia	-
2	500173	EP 5	230	48	6	1/8" IT	flat	Astoria Faema Gaggia	26316 DM1594/230/240
3	500997	EP5GW	230	48	6	1/8"	conical	-	-
4	500179	EX 5	24	48	6	1/8" IT	flat	Gaggia	-
5	500996	EX 5	230	48	6	1/8"	conical	La Pavoni	OP12000140
6	500124	EX 5	230	48	6	1/8" IT	flat	Bezzera Faema Gaggia N&W NuovaSimonelli La Pavoni Vibiemme	7731005 - 098760 04800005 451001 POMPVIDDOM
7	500563	NME Typ2	230	16	4	6	-	-	-
8	500227	NME Typ4	230	16	5	1/8" ET	-	Astoria	26318

PUMPS – UNIVERSAL PARTS

FLUID-O-TECH



pos.	part no.	type	voltage (V)	power (W)	inlet ø	outlet ø	outlet	suitable for	equiv. no.
1	500232	1106PAAAM1N	24	45	1/8" IT	1/8" IT	-	Gaggia	-
2	500217	1106PAALB2N	230	70	1/8" IT	1/8" IT	conical	Gaggia Grimac	- 1220300001
3	500123	1106PAALM1N	230	70	1/8" IT	1/8" IT	conical	Astoria Cimbali Faema Gaggia Grimac	26312 442-544-002 F533197400 MG044
4	500438	1106PAILM1N	208/240	50	1/8" IT	1/8" IT	conical	Astoria Wega	26304 WY26304

EATON/INVENSYS



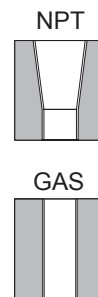
pos.	part no.	type	voltage (V)	power (W)	inlet ø	outlet ø	outlet	suitable for	equiv. no.
1	500219	CP.3A.958.1/ST	230	65	6	1/8" IT		Gaggia Grimac	- V080/1

miscellaneous



pos.	part no.	type	voltage (V)	power (W)	inlet ø	outlet ø	outlet	suitable for	equiv. no.
1	500220	-	230	70	1/8" ET	1/8" ET		Saeco	9070.012.00A
2	500694	ETSM 17-P/P	230	40	6	7		Thermoplan	105,119

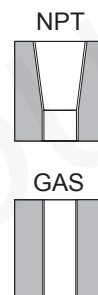
pumps FLUID-O-TECH



pos.	part no.	type	L (mm)	pump rate (l/h)	connection	mounting	suitable for	equiv. no.
1	499088	PA074	82	70	3/8" GAS	clip connection	Vibiemme	POMPPRONOSETN
2	499056	PA1504	82	150	3/8" GAS	clip connection	Marzocco Vibiemme	- POMPPRONO
3	500918	CA104	60	100	3/8" GAS	clip connection	-	-
4	500211	PO054	82	50	3/8" GAS	clip connection	NuovaSimonelli	01300004
5	500765	MA104	75	100	3/8" GAS	clip connection	-	-



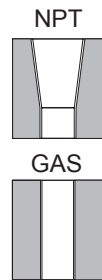
pos.	part no.	type	L (mm)	pump rate (l/h)	connection	mounting	suitable for	equiv. no.
6	500174	PA104	82	100	3/8" GAS	clip connection	NuovaSimonelli Wega	01300005 WY26303001
7	504276	PA104Z	82	100	3/8" NPT	clip connection	Brasilia	23007.4.00.08
8	500454	PA1504	82	150	3/8" NPT	clip connection	Marzocco Vibiemme	L290/1 POMPROCFL
9	500064	PO204	82	200	3/8" GAS	clip connection	Astoria Brasilia Cimbali Futurmat Gaggia Grimac Italcrem La-Scala Mairali ...	26303 04321.4.00.09 533-197-300 07822109 - V509/1 07822109 C-0521 07822109 ...
10	500068	PA311	82	300	3/8" GAS	clip connection	-	-



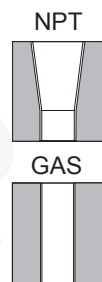
pos.	part no.	type	L (mm)	pump rate (l/h)	connection	mounting	suitable for	equiv. no.
11	500176	PO104X	82	100	3/8" GAS	clip	Bezzera	7730506
12	500177	PA204X	82	200	3/8" GAS	clip connection	-	-
13	500065	PA204F	82	200	3/8" NPT	flange with 3 holes	Faema Grimac	V510
14	500078	FA204	75	250	3/8" GAS	flange with 2 holes	Faema	-

PUMPS – UNIVERSAL PARTS

PROCON



pos.	part no.	type	L (mm)	pump rate (l/h)	connection	material	mounting	suitable for	equiv. no.
1	500290	V3797	82	100	3/8" NPT	brass	clip connection	Cimbali	M31 Bistro
2	500230	V6105	82	180	3/8" NPT	brass	clip connection	Astoria Rancilio Wega	26302 69000039 WY26302
3	500294	V6076	82	300	3/8" NPT	stainless steel	clip connection	-	-
4	500291	-	82	100	3/8" NPT	brass	clip connection	-	-



pos.	part no.	type	L (mm)	pump rate (l/h)	connection	material	mounting	suitable for	equiv. no.
5	500292	-	82	180	3/8" NPT	brass	clip connection	-	-
6	500934	C051305BF	82	100	3/8" NPT	brass	clip connection	Cimbali	533197100
7	500293	T1039	82	180	3/8" NPT	brass	flange with 3 holes	-	-

pump motors clip connection RPM



pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
1	500452	100	230	clip	Vibiemme	ELETMOTRPM304
2	500950	120	230	clip	Wega	WY18303
3	500317	120	230	clip	NuovaSimonelli	04500033
4	500072	120	230	clip	Astoria	18304
5	500061	165	230	clip	Astoria	18301
6	500458	165	230	clip	Vibiemme	ELETMOT22V



pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
7	500442	165	230	clip	-	-

ULKA MOTORS



pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
1	499042	120	220	clip	-	-
2	500233	120	230	clip	-	-

pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
3	500073	180	110	clip	-	-
4	500080	180	230	clip	-	-

water-cooled



pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
1	500226	-	230	clip	Astoria	56402

pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
2	500225	330	230	clip	Astoria	56406

flange connection

AF



pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
1	500077	170	230	flange	Faema	2441133416

pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
2	500076	170	230	flange	Faema	2441116600

RPM



pos.	part no.	power (W)	voltage (V)	connection	suitable for	equiv. no.
1	500689	60	230	flange	Thermoplan	104,156
2	500062	150	230	flange	-	-
3	500081	150	230	flange	-	-

Gaskets

O-rings

EPDM $\varnothing 1,50\text{mm}$



pos.	part no.	ID \varnothing (mm)	qty (pc)
1	502168	7	1
2	532605	12	1
3	532533	17	1
4	502033	18	1
5	532516	30	1

pos.	part no.	ID \varnothing (mm)	qty (pc)
6	345896	37	1
7	501344	45	1
8	501347	49	1
9	501007	50	1
10	345908	58,5	1

EPDM $\varnothing 1,78\text{mm}$



pos.	part no.	ID \varnothing (mm)	qty (pc)
1	532001	1,78	10
2	524421	2,78	1
3	511500	2,9	10
4	531029	3,3	1
5	528815	3,69	1
6	532003	3,69	10
7	517035	4,48	1
8	511501	4,48	10
9	518341	5,28	1
10	532004	5,28	10
11	504544	6,07	1
12	511502	6,07	10
13	510303	6,75	1
14	532005	6,75	10
15	506054	7,66	1
16	511503	7,66	10
17	530293	8,73	1
18	532006	8,73	10
19	526471	8,9	1
20	504574	9,25	1
21	511504	9,25	10
22	518446	10,82	1
23	532007	10,82	10
24	361304	11,11	1
25	532008	11,11	10
26	524323	12,42	1

pos.	part no.	ID \varnothing (mm)	qty (pc)
27	511505	12,42	10
28	518061	14	1
29	532009	14	10
30	530284	15,6	1
31	532010	15,6	10
32	510322	17,17	1
33	532011	17,17	10
34	540682	18,77	1
35	532012	18,77	10
36	529802	20,35	1
37	532013	20,35	10
38	517045	21,95	1
39	532014	21,95	10
40	530283	23,52	1
41	532015	23,52	10
42	508084	25,12	1
43	532016	25,12	10
44	532017	26,7	10
45	513057	28,3	1
46	532018	28,3	10
47	532019	29,87	10
48	530296	31,47	1
49	532020	31,47	10
50	532021	33,05	10
51	532022	34,65	10
52	532023	37,82	10

EPDM $\varnothing 1,90\text{mm}$



pos.	part no.	ID \varnothing (mm)	qty (pc)
1	525310	4,2	1
2	525821	4,9	1
3	526824	5,7	1
4	526823	7,2	1

pos.	part no.	ID \varnothing (mm)	qty (pc)
5	525255	7,2	2
6	525259	7,6	1
7	525256	9,2	1

EPDM $\varnothing 2,00\text{mm}$



pos.	part no.	ID \varnothing (mm)	qty (pc)
1	532598	1,9	1
2	526469	5,5	1
3	361311	6	1
4	528897	6,5	1
5	517056	7	1
6	528396	7,2	1
7	361085	8	1
8	510902	9,5	1
9	527021	10	1
10	529739	11	1
11	510901	13	1

pos.	part no.	ID \varnothing (mm)	qty (pc)
12	532599	14	1
13	527991	14,5	1
14	361080	16	1
15	528813	17	1
16	525820	17	1
17	526472	17,2	1
18	501006	21	1
19	100809	21	1
20	532509	26,5	1
21	101503	32	1

EPDM $\varnothing 2,50\text{mm}$



pos.	part no.	ID \varnothing (mm)	qty (pc)
1	529439	12,5	1
2	531108	7,8	1

pos.	part no.	ID \varnothing (mm)	qty (pc)
3	502134	26	1
4	532485	35	1

EPDM ø2,62mm



pos.	part no.	ID ø (mm)	qty (pc)
1	526470	3,68	1
2	532045	5,23	10
3	518275	6,02	1
4	532046	6,02	10
5	529544	7,59	1
6	532047	7,59	10
7	528583	9,13	1
8	532048	9,13	10
9	504623	9,19	1
10	511506	9,19	10
11	510418	9,92	1
12	532049	9,92	10
13	513211	10,78	1
14	511507	10,78	10
15	504692	11,91	1
16	532050	11,91	10
17	518227	12,37	1
18	511508	12,37	10
19	361643	13,1	1
20	532051	13,1	10
21	511822	13,95	1
22	511509	13,95	10
23	529251	15,08	1
24	532052	15,08	10
25	518349	15,54	1
26	511510	15,54	10
27	503041	15,88	1
28	532053	15,88	10
29	510733	17,13	1
30	511511	17,13	10
31	516026	17,86	1
32	532054	17,86	10

EPDM ø3,53mm



pos.	part no.	ID ø (mm)	qty (pc)
33	504590	18,72	1
34	511512	18,72	10
35	518491	20,24	1
36	511513	20,24	10
37	511782	20,63	1
38	532055	20,63	10
39	532453	21,89	1
40	511514	21,89	10
41	512071	22,22	1
42	532056	22,22	10
43	532499	23,47	1
44	532057	23,47	10
45	532058	23,81	10
46	510769	25,07	1
47	532059	25,07	10
48	532060	26,65	10
49	511287	28,25	1
50	532061	28,25	10
51	504561	29,82	1
52	532062	29,82	10
53	517104	31,42	1
54	532063	31,42	10
55	524420	32,99	1
56	532064	32,99	10
57	517004	34,6	1
58	532065	34,6	10
59	532494	36,14	1
60	532066	36,14	10
61	532067	37,77	10
62	505192	39,34	1
63	532068	39,34	10

pos.	part no.	ID ø (mm)	qty (pc)
1	532100	7,51	10
2	532498	9,12	1
3	532101	9,12	10
4	532102	12,29	10
5	532103	13,87	10
6	532104	15,47	10
7	532105	17,04	10
8	510951	18,64	1
9	511515	18,64	10
10	508204	20,22	1
11	511516	20,22	10
12	501352	21,82	1
13	511517	21,82	10
14	517087	23,4	1
15	511518	23,4	10
16	511519	24,99	10
17	532106	25,8	10

pos.	part no.	ID ø (mm)	qty (pc)
18	513016	26,58	1
19	511520	26,58	10
20	511521	28,17	10
21	505152	29,75	1
22	511522	29,75	10
23	511523	31,34	10
24	510072	32,93	1
25	511524	32,93	10
26	510895	34,52	1
27	511525	34,52	10
28	511526	36,1	10
29	519283	37,47	1
30	510899	37,69	1
31	532544	37,69	1
32	511527	37,69	10
33	510898	39,69	1
34	532107	39,69	10

EPDM ø4,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	502076	12	1
2	502073	24	1

pos.	part no.	ID ø (mm)	qty (pc)
3	502031	28	1

EPDM ø3,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	510955	6	1
2	519182	13,9	1
3	531105	16,2	1
4	528492	17	1
5	527561	22,2	1

pos.	part no.	ID ø (mm)	qty (pc)
6	532548	27	1
7	510563	28	1
8	532510	30	1
9	524145	32	1
10	528852	39,8	1

EPDM ø4,50mm



pos.	part no.	ID ø (mm)	qty (pc)
1	511572	25	1

pos.	part no.	ID ø (mm)	qty (pc)
2	532542	29,5	1

GASKETS - UNIVERSAL PARTS

EPDM ø5,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532535	10	1

HNBR ø2,62mm



pos.	part no.	ID ø (mm)	qty (pc)
1	526271	10,78	1

pos.	part no.	ID ø (mm)	qty (pc)
2	526273	15,8	1

EPDM ø5,34mm



pos.	part no.	ID ø (mm)	qty (pc)
1	521120	37,47	1

pos.	part no.	ID ø (mm)	qty (pc)
2	532155	37,47	10

HNBR ø3,53mm



pos.	part no.	ID ø (mm)	qty (pc)
1	526272	47,22	1

EPDM ø6,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532489	40	1

HNBR ø4,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532552	25	1

EPDM øvarious



pos.	part no.	T (mm)	ID ø (mm)	qty (pc)
1	519181	1	5	1
2	102997	1	6	1
3	512276	1	7	1
4	527166	1,6	27	1
5	526106	1,9	5,7	1
6	532570	1,9	8	1
7	511191	2,21	16,36	1
8	532581	2,3	17,1	1

pos.	part no.	T (mm)	ID ø (mm)	qty (pc)
9	528883	2,4	8,5	1
10	527563	2,4	16,3	-
11	543104	2,4	19,3	1
12	526662	2,4	25	1
13	526107	2,7	12,1	1
14	525109	2,7	13,6	1
15	526109	2,7	18,4	1
16	510625	5,7	34	1

NBR ø1,78mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532591	6,75	1
2	532587	8,73	1

pos.	part no.	ID ø (mm)	qty (pc)
3	532597	9,25	1

NBR ø1,9mm



pos.	part no.	ID ø (mm)	qty (pc)
1	525614	5,7	1

NBR ø2,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532559	14	1

NBR ø2,62mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532550	9,13	10
2	532585	10,78	1

pos.	part no.	ID ø (mm)	qty (pc)
3	532557	12,37	1
4	532556	13,1	1

silicone ø1,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	528516	6	1

silicone ø1,50mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532554	4,1	1
2	532532	11	1

pos.	part no.	ID ø (mm)	qty (pc)
3	532553	13,15	1

silicone ø1,78mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532186	1,78	10
2	532188	2,9	10
3	528631	3,69	1
4	526403	3,69	1
5	532189	3,69	10
6	532190	4,48	10

pos.	part no.	ID ø (mm)	qty (pc)
7	532191	5,28	10
8	371100	6,07	1
9	532192	6,07	10
10	532508	6,75	1
11	532193	6,75	10
12	532194	7,66	10

pos.	part no.	ID ø (mm)	qty (pc)
13	532195	8,73	10
14	525388	9,25	1
15	532196	9,25	10
16	532197	10,82	10
17	529422	11,11	1
18	532198	11,11	10
19	532588	12,42	1
20	532199	12,42	10
21	530315	14	1
22	532200	14	10
23	532530	15,08	1
24	532201	15,6	10
25	530311	17,17	1
26	532202	17,17	10

pos.	part no.	ID ø (mm)	qty (pc)
27	532203	18,77	10
28	532204	20,35	10
29	532205	21,95	10
30	532206	23,52	10
31	532207	25,12	10
32	532208	26,7	10
33	532209	28,3	10
34	532210	29,87	10
35	532211	31,47	10
36	532505	33,05	1
37	532212	33,05	10
38	532521	34,65	1
39	532213	34,65	10
40	532214	37,82	10

silicone ø1,90mm



pos.	part no.	ID ø (mm)	qty (pc)
1	525384	4,2	1

silicone ø2,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	361568	4	1
2	532558	11,11	1

pos.	part no.	ID ø (mm)	qty (pc)
3	361567	14	1
4	532526	30	1

silicone ø2,62mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532236	5,23	10
2	532237	6,02	10
3	532238	7,59	10
4	532239	9,13	10
5	532240	9,19	10
6	532241	9,92	10
7	528222	10,78	1
8	532242	10,78	10
9	532243	11,91	10

pos.	part no.	ID ø (mm)	qty (pc)
10	528344	12,37	1
11	532244	12,37	10
12	529187	13,1	1
13	532245	13,1	10
14	532590	13,95	1
15	532246	13,95	10
16	532520	15,08	1
17	532247	15,08	10
18	532248	15,54	10

GASKETS - UNIVERSAL PARTS

silicone ø2,62mm



pos.	part no.	ID ø (mm)	qty (pc)
19	532513	15,88	1
20	532249	15,88	10
21	532250	17,13	10
22	532251	17,86	10
23	532252	18,72	10
24	528692	20,24	1
25	532253	20,24	10
26	532562	20,63	1
27	532254	20,63	10
28	532568	21,89	1
29	532255	21,89	10
30	532256	22,22	10
31	532257	23,47	10

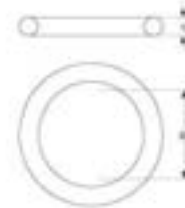
silicone ø4,50mm



pos.	part no.	ID ø (mm)	qty (pc)
32	532258	23,61	10
33	532259	25,07	10
34	532260	26,65	10
35	532261	28,25	10
36	532262	29,82	10
37	532263	31,42	10
38	532264	32,99	10
39	532265	34,6	10
40	532266	36,14	10
41	532484	37,77	1
42	532267	37,77	10
43	532268	39,34	10

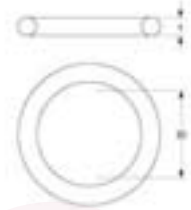
pos.	part no.	ID ø (mm)	Qty (pc)
1	532596	15,5	1

silicone ø5,34mm



pos.	part no.	ID ø (mm)	Qty (pc)
1	532372	37,47	10

silicone ø3,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532584	12	1
2	532514	13	1

pos.	part no.	ID ø (mm)	qty (pc)
3	510564	27,5	1
4	532589	30	1

silicone ø7,00mm



pos.	part no.	ID ø (mm)	Qty (pc)
1	532488	19,4	1

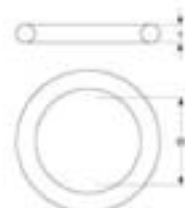
silicone ø3,53mm



pos.	part no.	ID ø (mm)	qty (pc)
1	361621	3,53	1
2	532300	7,51	10
3	532301	9,12	10
4	532302	12,29	10
5	532303	13,87	10
6	532304	15,47	10
7	532305	17,04	10
8	532306	18,64	10
9	532307	20,22	10
10	532308	21,82	10
11	532309	23,4	10
12	532310	24,99	10
13	532311	25,8	10
14	532312	26,58	10

pos.	part no.	ID ø (mm)	qty (pc)
15	532313	28,17	10
16	532314	29,75	10
17	532315	31,34	10
18	514017	32,93	1
19	532316	32,93	10
20	527123	34,52	1
21	530026	34,52	1
22	532317	34,52	10
23	532602	36,1	1
24	532318	36,1	10
25	532606	37,69	1
26	532319	37,69	10
27	532320	39,69	10

PTFE



pos.	part no.	T (mm)	ID ø (mm)	qty (pc)
1	528217	2,62	9,92	1

Viton various



pos.	part no.	T (mm)	ID ø (mm)	qty (pc)
1	528273	1,25	13,3	1
2	525059	2,4	12,3	1

pos.	part no.	T (mm)	ID ø (mm)	qty (pc)
3	526468	3,6	35,6	1

Viton ø1,50mm



pos.	part no.	ID ø (mm)	qty (pc)
1	526105	5	1

pos.	part no.	ID ø (mm)	qty (pc)
2	525532	14	1

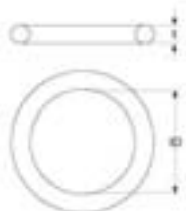
Viton ø2,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	528507	4	1
2	526071	5,6	1
3	528219	6	1
4	528649	6	1
5	528286	7	1
6	526259	7,2	1

pos.	part no.	ID ø (mm)	qty (pc)
7	528250	8	1
8	528353	10	1
9	526142	12	1
10	532456	16	1
11	540424	32	1

Viton ø1,78mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532403	1,78	10
2	528347	2,9	1
3	532405	2,9	10
4	528765	3,69	1
5	532406	3,69	10
6	532571	3,85	1
7	101526	4,48	1
8	532407	4,48	10
9	532497	5,28	1
10	532408	5,28	10
11	529478	6,07	1
12	532409	6,07	10
13	101527	6,75	1
14	532410	6,75	10
15	528282	7,66	1
16	532411	7,66	10
17	528246	8,73	1
18	532412	8,73	10
19	529476	9,25	1
20	532413	9,25	10

pos.	part no.	ID ø (mm)	qty (pc)
21	526369	10,82	1
22	532414	10,82	10
23	528833	11,11	1
24	532415	11,11	10
25	528607	12,42	1
26	532416	12,42	10
27	532566	14	1
28	532417	14	10
29	525613	15,6	1
30	532565	15,6	1
31	532418	15,6	10
32	525312	17,17	1
33	532419	17,17	10
34	532493	18,77	1
35	532420	18,77	10
36	532421	20,35	10
37	532452	21,95	1
38	532422	21,95	10
39	532582	23,52	1
40	532524	35	1

Viton ø2,62mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532423	5,23	10
2	532424	6,02	10
3	532523	7,59	1
4	532425	7,59	10
5	528350	9,13	1
6	532426	9,13	10
7	531030	9,19	1
8	532427	9,19	10
9	528216	9,92	1
10	532428	9,92	10
11	528402	10,78	1
12	532429	10,78	10
13	528291	11,91	1
14	532430	11,91	10
15	528231	12,37	1
16	532431	12,37	10
17	532567	13,1	1
18	532432	13,1	10
19	532433	13,95	10
20	528647	15,08	1

pos.	part no.	ID ø (mm)	qty (pc)
21	532434	15,08	10
22	532435	15,54	10
23	528293	15,88	1
24	532436	15,88	10
25	532579	17,13	1
26	532437	17,13	10
27	532583	17,86	1
28	532438	17,86	10
29	528455	18,72	1
30	532439	18,72	10
31	532504	20,24	1
32	532440	20,24	10
33	532555	20,63	1
34	532560	20,63	1
35	532441	20,63	10
36	532487	25,07	1
37	528278	25,7	1
38	529190	31,42	1
39	510579	34,59	1

Viton ø1,90mm



pos.	part no.	ID ø (mm)	qty (pc)
1	525899	5,7	1

pos.	part no.	ID ø (mm)	qty (pc)
2	526822	8	1

Viton ø3,00mm



pos.	part no.	ID ø (mm)	qty (pc)
1	526072	9,8	1
2	530027	14	1

pos.	part no.	ID ø (mm)	qty (pc)
3	104212	32,5	1

GASKETS - UNIVERSAL PARTS

Viton ø3,53mm



pos.	part no.	ID ø (mm)	qty (pc)
1	532442	7,51	10
2	532443	9,12	10
3	532444	12,29	10
4	532445	13,87	10
5	532512	15,47	1
6	532446	15,47	10
7	532447	17,04	10
8	528525	18,64	1
9	532448	18,64	10

pos.	part no.	ID ø (mm)	qty (pc)
10	514222	20,22	1
11	532449	20,22	10
12	529357	23,4	1
13	532518	24,99	1
14	532506	29,75	1
15	528412	31,34	1
16	528155	32,93	1
17	527122	32,93	1
18	532580	37,69	1

o-ring cords



pos.	part no.	material	T (mm)	Qty
1	532470	EPDM	1,5	1m
2	532471	EPDM	1,78	1m
3	532472	EPDM	2	1m
4	532473	EPDM	2,5	1m
5	532474	EPDM	2,62	1m
6	532475	EPDM	3	1m
7	532476	EPDM	3,5	1m
8	532477	EPDM	3,53	1m
9	532478	EPDM	4	1m
10	532479	EPDM	5	1m
11	532480	EPDM	5,33	1m
12	532481	EPDM	6,99	1m
13	532482	EPDM	8	1m

Viton ø5,34mm



pos.	part no.	ID ø (mm)	Qty (pc)
1	532540	26,5	1

service sets



pos.	1	2
part no.	401015	402912
sizes	32 different	32 different
content	407-piece	407-piece
material	EPDM	VITON
content	incl. service box	incl. service box

o-ring assortments adhesive sets



pos.	1
part no.	401026
sizes	ø1,5/2,0/2,5/3,0/3,5/4,0/5,0/8,4
content	9x1m
material	EPDM
content	adhesive and template included

sealing rings

aluminium gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
1	560307	21	17	1,5	1
2	528784	21	17	2	1
3	526059	22,4	16,6	0,9	1
4	550694	27	22	1,5	1



pos.	1
part no.	401025
sizes	ø1,78/2,62/3,53/5,33/6,99
content	5x1m
material	EPDM
content	adhesive and template included

copper gaskets

flat



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)
1	528197	10	6	1
2	526090	11,7	8,5	1,3
3	528233	12	8,3	1,5
4	525780	13	10,2	1,5
5	526859	14	10	1,5
6	528433	14,5	10	1,4
7	529373	15	10,2	1
8	506226	15	10,5	1
9	560200	16	10	1,5
10	528662	16	12	1,5
11	526147	16,7	13,4	0,8
12	506329	18	13,5	1
13	529361	18	13,5	1,5
14	510414	18	14	1
15	529480	18	14	1,5
16	528467	18,5	13,5	1
17	526860	19	13,5	1,5
18	525889	20	13,5	1,6
19	550262	20	14	2
20	526092	20,8	17,3	1,4
21	528701	21	17	1
22	527961	21	17,2	1,5

fiber gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)
23	526091	21	18,1	1,4
24	526461	22	17	2
25	560396	22	17,5	2
26	560331	22	18	1,5
27	528660	22,1	17	1,5
28	506352	23	17	1
29	526991	23	17	1,5
30	529348	23	19	1
31	528698	24	20	1
32	527157	25	18	2
33	527994	25	19,3	1,5
34	527161	25,8	20,4	2
35	526093	25,8	21,5	1,3
36	525386	26	21	1
37	528420	26	21	2
38	529483	26,5	20	2
39	526858	27	21,5	1
40	528383	28	24	1
41	526694	30	21	1,5
42	528737	30	26	1
43	506342	32,7	26,5	1
44	506411	32,9	27	1,5

pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
1	528101	11	-	3	1
2	528964	11,5	8	1	1
3	510153	12	6,2	1,5	1
4	518541	12	8	1,5	1
5	519126	13	8	1,5	1
6	524418	14	6,5	1,5	1
7	517173	14	8	1,5	1
8	511490	15	8	2	1
9	510535	15	10	2	1
10	521144	17	12,5	1,5	1
11	526484	17	13,2	2	1
12	505246	17	13,5	1,5	1
13	519125	18	10	1,5	1
14	540071	18	10	2	1
15	507332	18	12	2	1
16	510179	18	13	1,5	1
17	504209	18,5	11	2	1
18	510416	19	10,5	1,5	1
19	508031	19	10,5	2	1
20	513024	19	11	2	1
21	506046	19,5	13	2	1
22	528806	20	12,5	4	1
23	528723	20	13	1	1
24	521110	20	13	2	1
25	510417	20	14	2	1
26	521137	20	18	1,5	1
27	528747	20,5	16	1	1
28	528210	21	16,5	2	1
29	501362	22	13,5	2	1
30	528401	22	16	2	1
31	529349	22	16,5	2	1
32	519440	24	10,2	2	1
33	503089	24	10,8	3	1
34	510164	24	16	3	1
35	501176	24	17	1,5	1
36	518393	24	17	2	1
37	510355	24	17	2	1
38	528358	24	18	2,5	1
39	502169	24	19,5	1,5	1
40	510730	25	12	2	1
41	510129	25	16,5	1,5	1
42	506071	25	18	2	1
43	510402	25	21	1,5	1
44	510380	25	21	1,5	1
45	528312	26	20	2,5	1

round

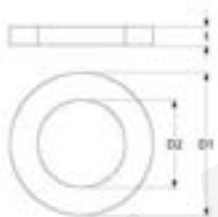


pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)
1	527167	9,8	6,5	1,7
2	528907	10	6	2
3	691624	12,5	17	2,5
4	527815	13,2	18,7	2,5
5	521117	15,9	10,3	1,7
6	533001	16,8	12	1,6
7	525819	17	13	2
8	526433	18	14	2
9	526390	18,7	13,2	2,5
10	526387	21	17	2
11	528520	22	16	2
12	528501	22	16	3
13	527164	23	17	3

pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)
14	521123	23,9	20,3	2
15	528838	24	18	2,5
16	528508	26	20	3
17	526431	26	21,5	2,2
18	529360	26,1	21	2,1
19	525381	27	21	3
20	510650	28	22	3
21	525887	28	34	3
22	510421	31,8	26,4	2,2
23	528560	32	26,5	2,5
24	528568	32,7	21,6	3,4
25	510422	37,7	32,5	2,7
26	529256	40	32	3,5

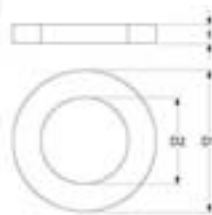
GASKETS - UNIVERSAL PARTS

fibre gaskets



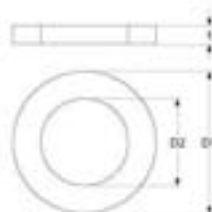
pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
46	528891	26	21	2	1
47	528325	26	21	2,5	1
48	528479	26	22	1,7	1
49	506042	27	17	2	1
50	503003	27	21	2	-
51	504081	28	20	2	1
52	526995	28	22	1	1
53	528960	29	23	2	1
54	501075	30	21	1,5	1
55	510152	30	21	1,5	1
56	550317	30	21	2	1
57	510033	30	21	3	1
58	513023	30	22	2	1
59	510381	30	27	1,5	1
60	506025	31	21	2	1
61	528895	31	21	3	1
62	521122	31	21,5	2	1
63	510166	31,3	26,3	1,2	1
64	503106	32	26	3	1
65	510076	33	21	1,5	1
66	510597	34	24	2	1
67	529160	34	26	1,5	1
68	528134	34	27	2	1
69	528428	34	27	2	2
70	510403	36,5	27	2	1
71	695880	38	27	1	1
72	506072	38	27	2	1
73	513215	39	30	2	1
74	528965	50	40	3	1
75	526855	53	40	3	1
76	528017	53	42	2	1
77	528171	55	42	2	1
78	528001	56,5	41,8	3,2	1
79	528880	57	40	3	1
80	528488	57	42	3	1
81	528304	58	46	2	1
82	529484	58	50	2	1
83	528026	60	42,5	2	1
84	528795	62	55	0,5	1
85	52879	63	48	3	1
86	528804	65	56	2	1
87	528674	72	61	3	-
88	528961	86	80	0,5	1
89	525149	93	81	2	1
90	525963	132	123	3	-
91	525962	163	150	3	-

graphite gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
1	516003	18,5	14,5	2	1

rubber gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
1	510213	7	3	6	1
2	548007	9	18	5	1
3	510890	9,5	5	0,7	1
4	528320	10	4	2	1
5	504014	10	6,5	1,5	1
6	510391	11,5	4	4,45	10
7	507404	12	8	3	1
8	540072	12,5	5	4	1
9	528494	13	4	4	1
10	510390	13	4	4,5	10
11	528619	13,5	4	4	1
12	528859	14	4	4	1
13	507074	14	10	2	1
14	550851	14,5	7	1,3	1
15	521138	14,5	8,3	3	10
16	528308	15	4	4	1
17	526796	15	7,5	4	1
18	525440	15	8	4,8	1
19	507075	15	10	2	1
20	526894	15,8	7,8	4	1
21	525107	16	8	4	1
22	528495	16	8	4	1
23	510169	16	10	2	1
24	527163	16	10,5	5	1
25	512070	17,5	13	2	1
26	510989	18	8,5	1	1
27	512376	18	10	2	1
28	510877	18	10	3	1
29	524055	18	12	2	1
30	528203	18	12	3	1
31	524053	18	13	1	1
32	520055	18,5	12	2,5	10
33	501177	19	13	1,5	1
34	528441	21	11	10	1
35	529354	21	11,3	5	1
36	510886	21	11,5	2	1
37	527965	21	15	3	1

pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
38	520390	21	16	2	1
39	528254	21	26	3	1
40	510075	22	13	1,5	1
41	510392	23	4	4,5	10
42	510878	23,5	14	2,3	1
43	520054	23,5	14	2,3	10
44	507113	24	11	2,5	1
45	510764	24	12	2	1
46	501289	24	14	2	1
47	505199	24	14	3	1
48	526631	24	15	3	1
49	511180	24	16	3	1
50	506400	24	16,5	1,5	1
51	501001	24	17	2	1
52	501010	25	14	1,5	1
53	507078	25	14,5	2,5	1
54	524183	25	15	3	1
55	506051	25	16	2	1
56	519114	25	16,5	2	1
57	510761	25	38	2	1
58	519209	26	16,5	1	1
59	695773	26	17	3,5	1
60	501106	26	18	2	1
61	519113	28	19	3	1
62	516146	30	19	3	1
63	511283	30	20	2	1
64	511908	30	20,5	2	1
65	507360	30	21	2	1
66	900909	31	18	2	1
67	512073	31	22	2	1
68	515018	32	21	3	1
69	511209	32	22	5,5	1
70	518240	33	17	1,5	1
71	516261	33	25	2,5	1
72	510154	33	26	2	1
73	510074	36	26	1,5	1
74	502144	36	26	2	1
75	510273	36	26	2,5	1
76	506398	37,5	24	2	1
77	507081	38	26	1,5	1
78	512283	38,5	24,5	2	1
79	507080	39	25	1,5	1
80	519341	40	5,5	2	1
81	511476	40	18	2	1
82	508215	40	27	1,4	1
83	506367	40	28	1,8	1
84	525781	40	34	4	1

silicone gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
1	691332	13,8	6	1,5	1
2	510575	14,5	4	4	1
3	529391	31	19	3	1
4	529164	31,5	14,8	-	1
5	695534	36	23,5	3	1
6	695537	40	30	2	1

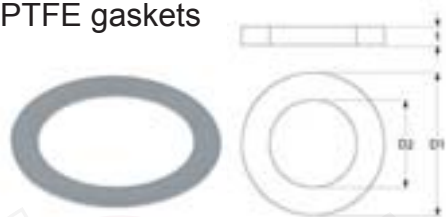
PTFE gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
1	525742	9,8	6,1	1	1
2	526554	10	6	1	1
3	528550	10	8	0,3	1
4	693435	10	14	3	1
5	528617	11,3	7,6	1,1	1
6	528957	11,5	8	3	1
7	529605	11,7	9,6	1	1
8	527638	12	10	1	1
9	528201	12,5	10	1	1
10	507447	14	8	2	1
11	529548	14	8,5	5	1
12	525380	14	9,5	0,5	1
13	528011	14,5	10	2	1
14	526012	14,5	11	2,5	1
15	528198	14,5	11,5	3	1
16	510395	15	4,8	4,8	10
17	528179	15	11	2	1
18	506058	15	12,2	9	1
19	528277	15	12,4	0,6	1
20	524054	15,5	10	2,2	1
21	501175	16	7	1	1
22	508049	16	10	2	1
23	517101	16	10	2,5	1
24	525306	16,5	12,5	0,5	1
25	510012	16,5	12,5	1,5	1
26	525743	16,5	13	2	1
27	510396	17	5	4,5	1
28	526553	17	13	3	1
29	526661	17	13,2	2	1
30	526094	17,3	12,2	2,3	1
31	531077	18	9	0,5	1

GASKETS - UNIVERSAL PARTS

PTFE gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
32	526679	18	13	2	1
33	525609	18	13,5	2	1
34	526011	18,2	13,2	2,5	1
35	505226	19	7,5	2	1
36	525253	19	13	1,5	1
37	528807	20	13	3,5	1
38	693745	20	15	1	1
39	525252	20	16,5	2	1
40	528314	20	17	2	1
41	527153	20,1	17,1	2	1
42	528634	20,5	17,5	1,5	1
43	359332	21	16,8	1,7	1
44	513725	21,2	19	0,5	1
45	526481	21,5	17	2	1
46	518346	22	9,2	1	1
47	528945	22	16	1,5	1
48	525890	22	16	2	1
49	527154	22	16,8	2	1
50	525304	22	17	1,5	1
51	526013	22	17	2	1
52	526435	22	17	2	1
53	525611	22	17	2	1
54	528865	22	19,5	1	1
55	510397	23	6	5	1
56	528408	23	18,5	2	1
57	527970	24	18	2	1
58	526265	24	19	2	1
59	529537	24	20,4	1	1
60	525303	24,5	21	1,5	1
61	506355	25	17	0,5	1
62	526332	25	17,5	1,5	1
63	525891	25	21,5	2,5	1
64	525199	25,5	21	5,5	1
65	528885	26	17	2	1
66	525106	26	19	2	1
67	527637	26	20	2	1
68	525305	26	20,5	0,5	1
69	528683	26	21	2	1
70	525778	26	22	2	1
71	525745	26	22,5	1	1
72	526482	26,5	22	2	1
73	526992	27	21	2	1
74	528834	28	23	2	1
75	505225	30	10	3	1
76	516258	32,5	25,5	4	1
77	526400	33	24,5	1,5	1

pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
78	526993	34	26,5	2	1
79	528418	34	27	2	2
80	526014	35	30	2	1
81	525610	35	30	2	1
82	528918	36	30	2	1
83	526827	36	30	2,5	-
84	527162	36	30	3	1
85	526795	36	30,2	1,5	1
86	528524	36,5	30,5	2	1
87	526095	39,6	34,4	2,9	1
88	528588	40	34,5	0,5	1
89	518180	40	35	3	1
90	525610	35	30	2	1
82	528918	36	30	2	1
83	526827	36	30	2,5	1
84	527162	36	30	3	1
85	526795	36	30,2	1,5	1
86	528524	36,5	30,5	2	1
87	526095	39,6	34,4	2,9	1
88	528588	40	34,5	0,5	1
89	518180	40	35	3	1
90	528018	41	33	3	1
91	525888	47	38	2	1
92	526460	50	36	2	1
93	528007	50	40	2,5	1
94	528052	50	40	3	1
95	528857	50	40	3,2	1
96	528131	52	40	2	1
97	528022	52	41	2	1
98	528021	53	42,5	3	1
99	525612	56	42	2	1
100	528010	56	47	3	1
101	527635	56,8	49,2	3,5	1
102	528002	57	42	3	1
103	527156	57,8	43,3	2	1
104	526825	58	43	3	1
105	528004	58	50	2	1
106	528003	59	45	2	1
107	528925	59,5	42	3	1
108	526459	62	42	2	1
109	528514	62,5	19,5	0,5	1
110	526096	63,7	57,7	2,5	1
111	526402	67	54	2	1
112	528805	68	55	2,4	1
113	528949	72	61	3	1
114	528677	73	60	2,5	1
115	526401	73	61,5	1,5	1
116	526097	75,8	68,4	3,2	1
117	527636	75,8	68,4	3,2	1
118	528149	85	75	2	1
119	528956	117	130	1,6	1
120	528858	132	123	3,2	1

Viton gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	qty (pc)
1	510577	7,5	1	5	1
2	528476	13	4	4	1
3	528733	13,5	4	4	1
4	528696	13,5	4	4	1
5	106250	14	9	3,3	1
6	101880	14	9	7,7	1
7	528686	15	6	3,5	1
8	526486	16	8	4	1
9	526392	21	15	2	1

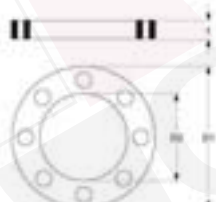
boiler gaskets

O-rings



pos.	part no.	material	T (mm)	ID ø (mm)	qty (pc)
1	526394	Viton	3,53	129,8	1

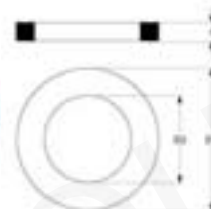
perforated



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	number of holes (holes)	material
1	528789	104	73	2	5	fiber
2	528809	140	110	2	5	graphite
3	528145	170	138	2	8	graphite
4	528097	170	220	2	12	PTFE
5	528124	175	124	2	8	PTFE
6	528160	176	125	2	9	PTFE
7	528116	177	126	2	8	graphite
8	528143	180	135	2	8	graphite
9	528121	180	140	3	6	graphite
10	528122	180	140	3	6	PTFE
11	527630	190	140	3	11	fiber
12	528151	190	140	3	11	PTFE
13	528439	197	150	2	8	fiber
14	528166	200	160	3	10	fiber
15	528741	203	162	4,3	10	PTFE
16	528183	205	151	2	10	graphite
17	528159	211	151	2	10	fiber

pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	number of holes (holes)	material
18	528128	220	169	3	10	graphite
19	528117	220	176	2	13	fiber
20	528129	221	171	3	10	PTFE
21	528930	226	176	3	10	fiber
22	528187	230	175	3	10	graphite
23	528931	234	184	3	10	fiber
24	528162	237	200	2	10	PTFE
25	528107	243	205	3	12	PTFE
26	528108	244	205	3	12	graphite
27	528103	245	207	3	16	graphite
28	528104	245	207	3	16	PTFE

unperforated



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	material
1	528096	61	73	2	PTFE
2	528808	92,5	80	3	fiber
3	528341	98	92	3	Viton
4	528140	108	101	2	PTFE
5	528153	142	130	3	graphite
6	528188	142	130	3	PTFE
7	528139	143	128	3	graphite
8	528911	145	125	2	fiber
9	528144	148	135	2	fiber
10	528100	149	138	3	PTFE
11	528137	163	150	4	PTFE
12	528133	165	150	3	PTFE
13	528125	172	150	2	fiber
14	417331	180	175	5	Viton
15	528163	184	170	2	graphite
16	528120	215	192	3	graphite

Hoses

PVC hoses without fabric



pos.	part no.	ID ø (mm)	ED ø (mm)	colour	Qty
1	520384	4	6	blue	10m
2	570383	4	6	blue	per mtr
3	570026	4	6	transparent	100m
4	520026	4	6	transparent	10m
5	520090	4	6	transparent	2m
6	570027	4	7	transparent	100m
7	520027	4	7	transparent	10m
8	570046	5	7	transparent	100m
9	520046	5	7	transparent	10m
10	520380	5	7	transparent	2m
11	570381	5	8	blue	100m
12	520381	5	8	blue	2m
13	570028	6	8	transparent	100m

pos.	part no.	ID ø (mm)	ED ø (mm)	colour	Qty
14	520028	6	8	transparent	10m
15	520278	6	8	transparent	2m
16	570029	6	9	transparent	100m
17	520029	6	9	transparent	10m
18	520279	6	9	transparent	2m
19	520047	6	12	transparent	50m
20	520439	8	12	transparent	0,5m
21	570022	8	12	transparent	100m
22	520022	8	12	transparent	10m
23	530721	13	19	transparent	5m
24	520416	18	24	transparent	per mtr
25	520448	18	24	transparent	800mm
26	520445	22	30	green	105mm

stainless steel flex hoses

straight - straight
flat sealing



pos.	part no.	connections	L (mm)	DN (mm)
1	520611	1/8"	600	DN6
2	520610	1/8"	300	DN6
3	540266	3/8"	500	DN10

pos.	part no.	connections	L (mm)	DN (mm)
4	540265	3/8"	300	DN10
5	520148	1/8"	200	DN6

pos.	part no.	connections	L (mm)	DN (mm)
6	520568	3/8"	750	DN10
7	520567	3/8"	1000	DN10

flat/conical sealing



pos.	part no.	connections	L (mm)	DN (mm)
1	520618	3/8"	300	DN8
2	520619	3/8"	500	DN8

pos.	part no.	connections	L (mm)	DN (mm)
3	520620	3/8"	750	DN8
4	520621	3/8"	1000	DN8

pos.	part no.	connections	L (mm)	DN (mm)
5	520624	3/8"	1200	DN8
6	520622	3/8"	1500	DN8

conical sealing



pos.	part no.	connections	L (mm)	DN (mm)
1	520602	3/8"	1500	DN8
2	520601	3/8"	1000	DN8
3	520603	3/8"	2000	DN8
4	520617	1/8"	1500	DN6

pos.	part no.	connections	L (mm)	DN (mm)
5	520616	1/8"	370	DN6
6	520256	3/8"	330	DN8
7	520149	1/4"	280	DN6

pos.	part no.	connections	L (mm)	DN (mm)
8	520299	3/8"	450	DN8
9	520600	3/8"	750	DN8
10	520572	3/8"	500	DN8

straight - elbow

flat sealing



pos.	part no.	connections	L (mm)	DN (mm)
1	520569	3/8"	370	DN8
2	520570	3/8"	2000	DN8

pos.	part no.	connections	L (mm)	DN (mm)
3	520005	3/4"	1500	DN10
4	520006	3/4"	2000	DN10

flat/conical sealing



pos.	part no.	connections	L (mm)	DN (mm)
1	520634	3/8"	500	DN8

conical sealing with internal thread



pos.	part no.	connections	L (mm)	DN (mm)
1	520604	3/8"	500	DN8
2	520605	3/8"	1000	DN8

pos.	part no.	connections	L (mm)	DN (mm)
3	520606	3/8"	1500	DN8

pos.	part no.	connections	L (mm)	DN (mm)
4	520607	3/8"	2000	DN8

with external thread



pos.	part no.	connections	L (mm)	DN (mm)
1	520623	3/8"	300	DN8

accessories



1

2

pos.	part no.	description	qty (pc)
1	521138	flat gasket rubber D1 ø 14,5 mm D2 ø 8,3 mm	10
2	520055	flat gasket rubber D1 ø 18,5 mm D2 ø 12 mm	10

HOSES - UNIVERSAL PARTS

silicone hoses

pos.	part no.	ID ø (mm)	ED ø (mm)	L (m)
1	520388	5	8	1
2	361609	5	8	5
3	570004	5	8	25
4	570005	5	9	1
5	570006	5	9	5
6	570843	5	9	25
7	570009	5	11	1
8	570008	5	11	5
9	570007	5	11	25
10	570011	6	10	1
11	530550	6	10	5
12	570010	6	10	25
13	570036	6	11	1
14	570013	6	11	5
15	570012	6	11	25
16	570038	6	12	1
17	520023	6	12	5
18	570023	6	12	25
19	570041	8	12	1
20	570042	8	12	5
21	570039	8	12	25
22	530820	8	14	1
23	530552	8	14	5
24	570552	8	14	25

pos.	part no.	ID ø (mm)	ED ø (mm)	L (m)
25	570045	9	14	1
26	570044	9	14	5
27	570043	9	14	25
28	570055	9,5	15,5	1
29	570054	9,5	15,5	5
30	570047	9,5	15,5	25
31	570058	10	14	1
32	570057	10	14	5
33	570056	10	14	25
34	530821	10	15	1
35	570059	10	15	5
36	530058	10	15	25
37	530822	10	16	1
38	570069	10	16	5
39	530059	10	16	25
40	570072	11,5	15,5	1
41	570071	11,5	15,5	5
42	570070	11,5	15,5	25
43	570104	11,5	17,5	1
44	570103	11,5	17,5	5
45	570102	11,5	17,5	25
46	530823	12	16	1
47	570105	12	16	5
48	570823	12	16	25

pos.	part no.	ID ø (mm)	ED ø (mm)	L (m)
49	570108	12	17	1
50	570107	12	17	5
51	570106	12	17	25
52	570109	12	18	1
53	530555	12	18	5
54	570555	12	18	25
55	570112	12	19	1
56	570111	12	19	5
57	570110	12	19	25
58	530060	13	19	1
59	570113	13	19	5
60	570060	13	19	25
61	570116	13,5	17,5	1
62	570115	13,5	17,5	5
63	570114	13,5	17,5	25
64	530061	14	20	1
65	570117	14	20	5
66	570061	14	20	25
67	530062	16	23	1
68	570118	16	23	5
69	570062	16	23	25
70	530063	18	25	1
71	570119	18	25	5
72	570063	18	25	25

PFTE hoses

pos.	part no.	ID ø (mm)	ED ø (mm)	L (m)
1	520845	3	6	-

pos.	part no.	ID ø (mm)	ED ø (mm)	L (m)
2	527919	10	12	1

PVC braided hoses

pos.	part no.	ID ø (mm)	ED ø (mm)	Qty
1	570049	3	8	50
2	570048	3	6	50m
3	570018	4	10	50m
4	520018	4	10	5m
5	520048	6	12	-

pos.	part no.	ID ø (mm)	ED ø (mm)	Qty
6	520030	6	12	10m
7	570020	6	12	50m
8	520019	6	12	5m
9	530564	10	16	10m

pos.	part no.	ID ø (mm)	ED ø (mm)	Qty
10	570564	10	16	50m
11	530081	13	19	-
12	530565	13	19	10m
13	570565	13	19	50m

drain hoses



pos.	part no.	ID ø (mm)	ED ø (mm)	L (m)	detail
1	520034	12	18	1	wire reinforced
2	520489	14	20	1,5	wire reinforced
3	520035	14	20	30	wire reinforced
4	520072	16	21	5	wire reinforced

pos.	part no.	ID ø (mm)	ED ø (mm)	L (m)	detail
5	520036	16	21	30	wire reinforced
6	520037	18	25	30	wire reinforced
7	520038	20	27	30	wire reinforced
8	520039	40	32	-	-

hose connectors (plastic)



fig.	order no.	edition	ø hoses (mm)	fig.	order no.	edition	ø hoses (mm)	fig.	order no.	edition	ø hoses (mm)
1	361494	2-way	4-4	2	361683	2-way	10-10	3	519216	3-way	12-12-12
1	361497	2-way	4-6	2	361684	2-way	12-12	3	510842	3-way	13-13-13
1	361498	2-way	4-8	2	501212	2-way	13-13	3	695187	3-way	17-17-17
1	361495	2-way	6-6	2	361685	2-way	19-19	3	695343	3-way	19-19-19
1	361499	2-way	6-8	3	507174	3-way	4-4-4	4	517166	3-way	10-10-10
1	361496	2-way	8-8	3	361490	3-way	10-8-10	4	501040	3-way	13-13-13
1	361679	2-way	10-10	3	518347	3-way	10-10-10	4	501211	3-way	19-19-19
1	361680	2-way	12-12	3	361491	3-way	12-6-12				
1	361681	2-way	13-13	3	516082	3-way	12-7-12				
1	361682	2-way	19-19	3	361492	3-way	12-8-12				

hose connectors (brass or stainless steel)



fig.	order no.	edition	ø hose (mm)	fig.	order no.	edition	ø hose (mm)
1	540498	2-way, brass	13-13	3	504206	3-way, stainless steel	11-11-11
1	540499	2-way, brass	19.19	4	504582	4-way, stainless steel	11-11-11-11
2	524187	3-way, stainless steel	11-11-11	4	504202	4-way, stainless steel	12-12-12-12

FITTINGS AND SERVICE VALVES – UNIVERSAL PARTS

hose clamps



fig.	order no.	Qty	grip surface (mm)	material	tape (mm)	fig.	order no.	Qty	grip surface (mm)	material	tape (mm)
1	520110	10	8-12	W2	9	3	520071	5	17-22	stainless steel/brass	11
1	520111	10	10-16	W2	9	3	520073	5	20-25	stainless steel/brass	11
1	520112	10	12-20	W2	9	3	520074	5	22-27	stainless steel/brass	11
1	520113	10	16-25	W2	9	3	520075	5	24-29	stainless steel/brass	11
1	520114	10	20-32	W2	9	3	520076	5	25-30	stainless steel/brass	11
1	520115	10	25-40	W2	9	3	520077	5	28-33	stainless steel/brass	11
1	520116	5	32-50	W2	9	4	520084	1	5-10	W4	10
1	520117	5	40-60	W2	9	4	520078	1	7-12	W4	10
1	520118	5	50-70	W2	9	4	520079	1	9-14	W4	10
1	520119	5	60-80	W2	9	4	520080	1	12-17	W4	11
2	520120	1	12-20	W4	9	4	520081	1	14-19	W4	11
2	520121	1	16-25	W4	9	4	520082	1	16-21	W4	11
3	520065	5	5-10	stainless steel/brass	10	4	520083	1	17-22	W4	11
3	520066	5	7-12	stainless steel/brass	10	4	520085	1	20-25	W4	11
3	520067	5	9-14	stainless steel/brass	10	4	520086	1	22-27	W4	11
3	520068	5	12-17	stainless steel/brass	11	4	520087	1	24-29	W4	11
3	520069	5	14-19	stainless steel/brass	11	4	520088	1	25-30	W4	11
3	520070	5	16-21	stainless steel/brass	11	4	520089	1	28-33	W4	11

Fittings and service valves

male-male connector

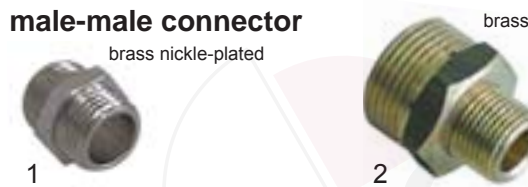


fig.	order no.	description	ET	ET	fig.	order no.	description	ET	ET	fig.	order no.	description	ET	ET
1	520160	connector male-male	1/8"	1/8"	1	520171	connector male-male	1"	1"	2	520167	reducer male-male	3/8"	1/2"
1	520163	connector male-male	1/4"	1/4"	2	520161	reducer male-male	1/8"	1/4"	2	520218	reducer male-male	3/8"	3/4"
1	520166	connector male-male	3/8"	3/8"	2	520162	reducer male-male	1/8"	3/8"	2	520208	reducer male-male	1/2"	3/4"
1	520168	connector male-male	1/2"	1/2"	2	520164	reducer male-male	1/4"	3/8"	2	520170	reducer male-male	1"	3/4"
1	520169	connector male-male	3/4"	3/4"	2	520165	reducer male-male	1/4"	1/2"					

female-female connectors



no.	order no.	description	ID	ID	no.	order no.	description	ID	ID	no.	order no.	description	ID	ID
1	520172	connector female-female	1/8"	1/8"	5	520176	connector female-female	3/4"	3/4"	8	520192	reducer female-female	1/4"	3/8"
2	520173	connector female-female	1/4"	1/4"	6	520207	reducer female-female	1/8"	1/4"	9	520193	reducer female-female	1/4"	1/2"
3	520174	connector female-female	3/8"	3/8"	7	520191	reducer female-female	1/8"	3/8"	10	520194	reducer female-female	3/8"	1/2"
4	520175	connector female-female	1/2"	1/2"										



fig.	order no.	description	M	F	fig.	order no.	description	ET	ID	fig.	order no.	description	ET	ID
1	520177	reducer	1/4"	1/8"	1	520209	reducer	3/4"	3/8"	2	520186	extension	1/4"	1/4"
1	520178	reducer	3/8"	1/8"	1	520182	reducer	3/4"	1/2"	2	520187	reducer	1/4"	3/8"
1	520179	reducer	3/8"	1/4"	1	520183	reducer	1"	3/4"	2	520188	extension	3/8"	3/8"
1	520180	reducer	1/2"	1/4"	2	520184	extension	1/8"	1/8"	2	520189	reducer	3/8"	1/2"
1	520181	reducer	1/2"	3/8"	2	520185	reducer	1/8"	1/4"	2	520190	extension	1/2"	1/2"

hose barb to male fittings



no.	order no.	description	ET	ø hose (mm)	no.	order no.	description	ET	ø hose (mm)	no.	order no.	description	ET	ø hose (mm)
1	520195	screw-in socket	1/8"	7	6	520200	screw-in socket	3/8"	9	10	520204	screw-in socket	3/8"	17
2	520196	screw-in socket	1/4"	7	7	520201	screw-in socket	1/4"	12	11	520205	screw-in socket	1/2"	17
3	520197	screw-in socket	1/8"	8	8	520202	screw-in socket	3/8"	12	12	540644	screw-in socket	1/2"	19
4	520198	screw-in socket	1/8"	9	9	520203	screw-in socket	1/2"	12	13	520206	screw-in socket	3/4"	19
5	520199	screw-in socket	1/4"	9										

angle pieces

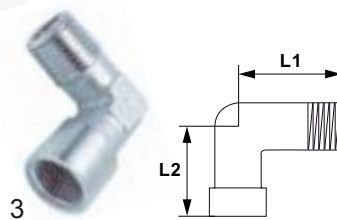
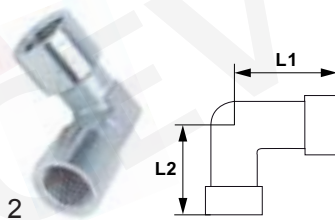


fig.	order no.	connections	overall lengths L1/ L2 (mm)	fig.	order no.	connections	overall lengths L1/ L2 (mm)	fig.	order no.	connections	overall lengths L1/ L2 (mm)
1	520816	1/8"	18/ 18	2	520820	1/8"	21/ 21	3	520824	1/8"	21/ 18.5
1	520817	1/4"	24/ 24	2	520821	1/4"	25.5/ 25.5	3	520825	1/4"	25.5/ 24
1	520818	3/8"	27/ 27	2	520822	3/8"	28/ 28	3	520826	3/8"	28/ 27
1	520819	1/2"	29.5/ 29.5	2	520823	1/2"	32/ 32	3	520827	1/2"	32/ 29.5

x-pieces

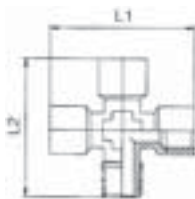


fig.	order no.	connections	overall lengths L1/ L2 (mm)	fig.	order no.	connections	overall lengths L1/ L2 (mm)	fig.	order no.	connections	overall lengths L1/ L2 (mm)
1	520828	1/8"	39/ 39	1	520831	1/2"	64/ 64	2	520834	3/8"	56/ 54
1	520829	1/4"	49/ 49	2	520832	1/8"	39/ 37	2	520835	1/2"	64/ 61
1	520830	3/8"	56/ 56	2	520833	1/4"	49/ 48.5				

FITTINGS AND SERVICE VALVES – UNIVERSAL PARTS

T-pieces



fig.	order no.	connections	total length (mm)	fig.	order no.	connections	total length (mm)	fig.	order no.	connections	total length (mm)
1	520385	1/8"	35	3	520800	1/8"	35	5	520808	1/8"	39
1	520340	1/4"	46	3	520801	1/4"	46	5	520809	1/4"	49
1	520341	3/8"	51.5	3	520802	3/8"	51	5	520810	3/8"	54
1	520342	1/2"	59	3	520803	1/2"	59	5	520811	1/2"	64
2	520837	1/8"	39	4	520804	1/8"	37	6	520812	1/8"	37
2	520343	1/4"	49	4	520805	1/4"	47.5	6	520813	1/4"	47.5
2	520344	3/8"	54	4	520806	3/8"	52.5	6	520814	3/8"	52.5
2	520345	1/2"	64	4	520807	1/2"	61.5	6	520815	1/2"	61.5

service and gate valves

service valves



fig.	order no.	version	connections	total length (mm)	fig.	order no.	version	connections	total length (mm)	fig.	order no.	version	connections	total length (mm)
1	520720	F - F	1/8"	39	1	520296	F - F	1/2"	47	2	520722	M - F	1/4"	39
1	520294	F - F	1/4"	39	1	520297	F - F	3/4"	54	2	520723	M - F	3/8"	40
1	520295	F - F	3/8"	40	2	520721	M - F	1/8"	39	2	520724	M - F	1/2"	45



fig.	order no.	version	connections	overall length	fig.	order no.	version	connections	overall length	fig.	order no.	version	connections	overall length
1	520350	F - F	1/2"	49mm	2	520353	M - F	3/4"	52mm	3	520355	F - F - ø16mm	3/4"	65mm
1	520351	F - F	3/4"	58mm	3	520354	F - F - ø15mm	1/2"	55mm	4	520356	lever extension	-	-
2	520352	M - F	1/2"	45mm										

ball valves



fig.	order no.	type	connections	overall length	fig.	order no.	type	connections	overall length	fig.	order no.	type	connections	overall length
1	693046	F - F	3/8"	41mm	2	520283	M - F	1/2"	59mm	3	540646	F - F	3/4"	59mm
1	520280	F - F	1/2"	55mm	2	520284	M - F	3/4"	65mm	3	540658	F - F	3/4"	69mm
1	540731	F - F	1/2"	61mm	2	520285	M - F	1"	75mm	3	540775	F - F	1"	83mm
1	520281	F - F	3/4"	55mm	2	540758	M - F	1"	90mm	4	520726	M - F	1/2"	70mm
1	540730	F - F	3/4"	70mm	2	504162	M - F	1 1/4"	96mm	4	540982	M - F	3/4"	70mm
1	520282	F - F	1"	67mm	3	101895	F - F	1/4"	45mm	4	540983	M - F	1"	80mm
1	514325	F - F	1"	83mm	3	540931	F - F	3/8"	54mm	5	540937	F - F	3/4" - 1"	88mm
2	540991	M - F	3/8"	62mm										

universal parts screw connections hose connectors



pos.	part no.	TS	grommet ø (mm)	type	pos.	part no.	TS	grommet ø (mm)	type
1	520673	1/2" IT	12	-	4	520675	3/8"	9	-
2	520676	1/2"	12	-	5	520677	3/8"	13	-
3	520674	3/8"	8	-	6	520672	3/8" IT	10	conical seal

solder nipples solder nipples



pos.	part no.	ø (mm)	version	pos.	part no.	ø (mm)	version	pos.	part no.	ø (mm)	version
1	520653	6	conical	3	520651	10	conical	4	520650	12	conical
2	520652	8	conical								

FITTINGS AND SERVICE VALVES – UNIVERSAL PARTS

union nuts



pos.	part no.	thread	for pipe ø (mm)
1	520656	1/4"	6/8

pos.	part no.	thread	for pipe ø (mm)
2	520654	3/8"	12

pos.	part no.	thread	for pipe ø (mm)
3	520655	1/2"	8/10

tube fittings die rings



pos.	part no.	ID ø (mm)	qty (pc)
1	101286	6	1
2	101277	8	1

pos.	part no.	ID ø (mm)	qty (pc)
3	101278	10	1

pos.	part no.	ID ø (mm)	qty (pc)
4	101273	12	1

union nuts



pos.	part no.	TS	for pipe ø (mm)
1	520660	1/4"	6
2	520658	1/2"	12

pos.	part no.	TS	for pipe ø (mm)
3	520659	3/8"	8

pos.	part no.	TS	for pipe ø (mm)
4	101478	3/8"	10

double nipples brass



pos.	part no.	T1	T2
1	520664	1/2"	1/2"
2	520208	1/2"	3/4"
3	520169	3/4"	3/4"

pos.	part no.	T1	T2
4	520665	3/4"	3/4"
5	520171	1"	1"
6	520662	1/4"	1/4"

pos.	part no.	T1	T2
7	520682	1/4"	3/8"
8	520680	1/8"	1/4"
9	520661	1/8"	1/8"

pos.	part no.	T1	T2
10	520681	1/8"	3/8"
11	520218	3/8"	3/4"

pos.	part no.	T1	T2
12	520684	3/8"	3/4"
13	520663	3/8"	3/8"

nickel-plated brass



pos.	part no.	T1	T2
1	520168	1/2"	1/2"
2	520165	1/4"	1/2"

pos.	part no.	T1	T2
3	520163	1/4"	1/4"
4	520164	1/4"	3/8"

pos.	part no.	T1	T2
5	520161	1/8"	1/4"
6	520160	1/8"	1/8"

pos.	part no.	T1	T2
7	520162	1/8"	3/8"
8	520167	3/8"	1/2"

pos.	part no.	T1	T2
9	520166	3/8"	3/8"

reducers



pos.	part no.	IT	ET
1	520699	1/2"	1/2"
2	520696	1/2"	3/8"
3	520690	1/4"	1/8"

pos.	part no.	IT	ET
4	520694	1/4"	3/8"
5	520692	1/8"	1/4"

pos.	part no.	IT	ET
6	520700	3/4"	1/2"
7	520697	3/4"	3/8"

pos.	part no.	IT	ET
8	520693	3/8"	1/4"
9	520698	3/8"	1/2"

pos.	part no.	IT	ET
10	520691	3/8"	1/8"
11	520695	3/8"	3/8"

end caps



1

2

pos.	part no.	TS
1	520706	1/4"
1	520708	1/2"
1	520705	1/8"

pos.	part no.	TS
1	520707	3/8"
2	520702	1/4"
2	520704	1/2"

pos.	part no.	TS
2	520701	1/8"
2	520703	3/8"

t-pieces



pos.	part no.	TS
1	520712	1/2"

pos.	part no.	TS
2	520710	1/4"

pos.	part no.	TS
3	520711	3/8"

Valves

pressure reduction valves



pos.	part no.	connection	setting range (bar)	p max (bar)	check	default setting (bar)	material
1	520271	1/2"	-	-	-	3	-
2	520265	1/2"	1,5-6	16	DVGW	-	brass
3	520266	3/4"	1,5-6	16	DVGW	-	brass
4	520267	1"	1,5-6	16	DVGW	-	brass

manometers



1

pos.	part no.	∅ (mm)	pressure range (bar)	TS	marking
1	520270	62	0 up to 16	1/4"	

safety valves



1

2

pos.	part no.	connection	switch-off pressure (bar)	version	suitable for	equiv. no.
1	525032	1/8"	16,5	-	NuovaSimonelli	98120001
2	529331	1/8"	1,8	-	Astoria Wega	20357 WY20357



3

4

5

6

7

8

pos.	part no.	connection	switch-off pressure (bar)	version	suitable for	equiv. no.
3	528973	1/4"	1,1	-	Reneka	9004995
4	529307	1/4"	1,8	-	Cimbali	-
5	527125	1/4"	1,8	-	NuovaSimonelli	98013020
6	529346	3/8" IT	-	sealed	NuovaSimonelli	98013001
7	531003	3/8"	-	-	La-Rocca	10415
8	528447	3/8"	-	-	Conti	-



pos.	part no.	connection	switch-off pressure (bar)	version	suitable for	equiv. no.
9	529302	3/8"	1,8	-	Iberital-Macchine	3596
10	529879	3/8"	1,6	-	Brasilia RST - Fiamma	12611.4.00.09 4.0.000.0051
11	529312	3/8"	1,8	-	Astoria Bezzera Brasilia Elektra Expobar Spaziale	20350 5965001 01120.4.00.09 01618034 65000110 381
12	526645	3/8"	1,8	-	Gaggia	WGADM2184/A
13	527977	3/8"	1,8	-	BFC Royal	3630030 3630030
14	525619	3/8"	1,8	-	Sanremo SV-Italia	10652012 SVTMV007



pos.	part no.	connection	switch-off pressure (bar)	version	suitable for	equiv. no.
15	526047	3/8"	1,8	sealed	Fracino	FC134
16	526330	3/8"	1,9	-	Carimali	97.00148
17	529332	3/8"	1,9	sealed	Astoria Wega	20351 WY20352
18	526649	3/8"	1,9	-	Gaggia	8008016000
19	527976	3/8"-1/2"	1,8	-	BFC Royal	3630025 3630025
20	528967	1/2"	1,5	-	Bezzera	5965015.01



pos.	part no.	connection	switch-off pressure (bar)	version	suitable for	equiv. no.
21	529827	1/2"	1,5	-	Reneka	9005001
22	525125	1/2"	1,7	-	Spaziale	1932
23	529310	1/2"	1,8	sealed	Rancilio	-
24	529306	1/2"	1,8	-	Rancilio Vibiemme	VALVMO
25	529309	M18x1,5	1,8	-	San Marco	-
26	529308	M19x1	1,8	-	Carimali Gaggia	WGADM1380/003



pos.	part no.	connection	switch-off pressure (bar)	version	suitable for	equiv. no.
27	529330	M22x1,25	1,8	-	La Pavoni	-

VALVES - UNIVERSAL PARTS

expansion valves



pos.	part no.	T1	T2	HCø (mm)	suitable for	equiv. no.
1	529311	1/8" ET	1/8" ET		Brasilia	01119.4.00.09
2	529341	1/8" ET	1/8" ET		Elektra	00422034
3	529691	1/8" ET	1/8" ET		-	-
4	529317	1/4" ET	1/4" IT		Italcrem QualityEspresso	-
5	529378	1/4" ET	1/4" ET		NuovaSimonelli	72012007
6	529297	3/8" ET	1/4" ET		Rancilio	10060460



pos.	part no.	T1	T2	HCø (mm)	suitable for	equiv. no.
7	529337	3/8" ET	1/4" ET		Astoria Wega	56152 WY56152
8	529300	3/8" ET	3/8" ET		Faema	-

with hose connector



pos.	part no.	description	T1	HCø (mm)	suitable for	equiv. no.
1	526049	expansion valve T1 1/8" IT hose connector ø 6 mm	1/8" IT	6	Fracino	HEA178
2	527127	expansion valve T1 1/8" ET hose connector ø 5 mm	1/8" ET	5	NuovaSimonelli	73012002
3	525618	expansion valve T1 1/8" ET hose connector ø 7 mm	1/8" ET	7	Sanremo	10655555
4	525703	expansion valve T1 1/8" ET hose connector ø 9 mm	1/8" ET	9	Fiorenzato-C.S. La Pavoni	A1300028 453201
5	525123	expansion valve T1 1/4" ET hose connector ø 6,5 mm	1/4" ET	6,5	Spaziale	288
6	529593	expansion valve T1 1/4" ET hose connector ø 8 mm	1/4" ET	8	Brasilia	01182.4.00.09



pos.	part no.	description	T1	HCø (mm)	suitable for	equiv. no.
7	526128	expansion valve T1 1/4" ET hose connector ø 8 mm	1/4" ET	8	Conti	409774
8	525124	expansion valve T1 1/4" ET hose connector ø 9 mm	1/4" ET	9	Spaziale	1626
9	526587	expansion valve T1 1/4" ET hose connector ø 9,5 mm	1/4" ET	9,5	Brasilia RST - Fiamma Vibiemme	13533.4.00.09 5.0.016.0220 ASSVALVESPEVO
10	526452	expansion valve T1 1/4" ET hose connector ø 9,5 mm	1/4" ET	9,5	La-Scala SV-Italia	C-0379 SVTMV009
11	525327	expansion valve T1 1/4" ET hose connector ø 10 mm	1/4" ET	10	Faema	2211-134 651
12	526650	expansion valve T1 3/8" IT hose connector ø 7 mm	3/8" IT	7	Gaggia	WGADM0262/003



13



14



15

pos.	part no.	description	T1	HCø (mm)	suitable for	equiv. no.
13	528992	expansion valve T1 3/8" ET hose connector ø 7 mm	3/8" ET	7	Magister	900027
14	529296	expansion valve T1 3/8" ET hose connector ø 8 mm	3/8" ET	8	Rancilio	10060479
15	529329	expansion valve settable T1 3/8" ET	3/8" ET	9,5	BFC Royal	3630140 3630140

with bore



1

pos.	part no.	description	T1	suitable for	equiv. no.
1	528791	expansion valve T1 1/4" ET L 40 mm	1/4" ET	Marzocco	L140/C

Components for espresso machines

filter holders

filter holder without spout



pos.	part no.	suitable for	mounting ø (mm)	outlet	ID ø (mm)
1	527855	ASTORIA	80,3	3/8"	61,2
2	525978	ASTORIA/BEZZERA	80	3/8"	62
3	525984	AURORA/BRASILIA/FAEMA	82,5	3/8"	62
4	529158	AZKOYEN	83	3/8"	62,2
5	525975	BFC/ROYAL1	83	3/8"	62
6	525976	BFC/ROYAL1/RANCILIO	82	3/8"	62
7	112015	BRASILIA	80	3/8"	61
8	525985	BRASILIA	80	3/8"	62
9	525989	CARIMALI	79,5	3/8"	60
10	525981	CIMBALI	81	3/8"	61
11	525980	CIMBALI	81,4	-	61,5
12	529972	CREM-EXPOBAR	82	3/8"	62
13	525977	CREM-EXPOBAR/WEGA/GRIMAC/SANRAMO	83	3/8"	61,5
14	525991	ELEKTRA	82,5	3/8"	61,8
15	525988	FRACINO	80,2	3/8"	62
16	525972	GAGGIA	79	3/8"	61
17	525979	GAGGIA	79	3/8"	61,4
18	525997	IBERITAL	83	3/8"	56,5
19	525998	IBERITAL	83	3/8"	62
20	531027	LA ROCCA	83	3/8"	62
21	525983	MARZOCCO	83	3/8"	62
22	525982	MARZOCCO	83	3/8"	62
23	525992	NUOVA SIMONELLI	82	3/8"	61
24	525987	PAVONI	80,5	3/8"	61
25	525990	RENEKA	77	3/8"	60,5
26	526466	RENEKA	83	-	62
27	525999	RST-FIAMMA	83	3/8"	62
28	525993	SAN MARCO	82	3/8"	57,8
29	525986	SPAZIALE	76	3/8"	56
30	528085	WEGA	82	3/8"	61

spouts

spouts

with thread 1/4"



pos.	part no.	version	outlet distance (mm)
1	529162	1 way	

pos.	part no.	version	outlet distance (mm)
2	529163	2-way	45

with thread 3/8"



pos.	part no.	version	outlet distance (mm)
1	529002	1 way	-
2	529001	1 way	-

pos.	part no.	version	outlet distance (mm)
3	529005	1 way	-
4	529000	1 way	-

pos.	part no.	version	outlet distance (mm)
5	529003	1 way	-
6	529004	1 way	-



pos.	part no.	version	outlet distance (mm)
7	526699	1 way	-
8	529008	2-way	33

pos.	part no.	version	outlet distance (mm)
9	529032	2-way	48
10	526719	2-way	55

pos.	part no.	version	outlet distance (mm)
11	529007	2-way	45
12	529006	2-way	45



pos.	part no.	version	outlet distance (mm)
13	529161	adjustable	45
14	529165	adjustable	45

pos.	part no.	version	outlet distance (mm)
15	529894	3 ways	-

with thread M16x1



pos.	part no.	version	outlet distance (mm)	suitable for	equiv. no.
1	529246	1 way	-	Cimbali	-

pos.	part no.	version	outlet distance (mm)	suitable for	equiv. no.
2	529247	2-way	45	Cimbali	-

without thread



pos.	part no.	version	outlet distance (mm)	suitable for	equiv. no.
1	529009	1 way	-	Cimbali	-

pos.	part no.	version	outlet distance (mm)	suitable for	equiv. no.
2	529010	2-way	40	Cimbali	-

COMPONENTS FOR ESPRESSO MACHINES – UNIVERSAL PARTS

accessories



pos.	part no.	description
1	527633	cover L 54 mm W 13 mm H 23 mm stainless steel
2	529063	extension 3/8" for filter holder outlet
3	529200	extension chrome-plated brass
4	526733	screw connection 3/8" for outlet ø 25 mm H 14 mm
5	527634	screw M10x1 thread length 6,5 mm

filter holder springs



pos.	part no.	L (mm)	W (mm)	wire gauge ø (mm)	application
1	525931	45	43	1,2	for malt coffee filter holder
2	525711	62	56,5	1	for espresso filter holder
3	529065	70	60	1,1	for espresso filter holder
4	525956	70	60	1,2	for espresso filter holder
5	529079	70	60	1,3	for espresso filter holder
6	526833	76	62	1	for espresso filter holder

filters

1 cup

2 cups



pos.	part no.	suitable for	ø (mm)	mounting ø (mm)	H (mm)	cups	amount of coffee (g)	equiv. no.
1	529012	Astoria	70	60,5	19,5	1	6	-
1	529011	Astoria	70	60,5	24,5	1	7	27142
1	527631	Astoria	70	60,5	17	1	8	-
2	529014	Astoria	70	60,5	21	2	12	-
2	529013	Astoria	70	60,5	25,5	2	14	27146
1	529012	Aurora	70	60,5	19,5	1	6	-
1	529011	Aurora	70	60,5	24,5	1	7	-
1	527631	Aurora	70	60,5	17	1	8	-
2	529014	Aurora	70	60,5	21	2	12	-
2	529013	Aurora	70	60,5	25,5	2	14	-
1	529012	Bezzera	70	60,5	19,5	1	6	5471010
1	529011	Bezzera	70	60,5	24,5	1	7	5471004
1	527631	Bezzera	70	60,5	17	1	8	-
2	529014	Bezzera	70	60,5	21	2	12	5471007
2	529013	Bezzera	70	60,5	25,5	2	14	5471009

UNIVERSAL PARTS - COMPONENTS FOR ESPRESSO MACHINES

pos.	part no.	suitable for	ø (mm)	mounting ø (mm)	H (mm)	cups	amount of coffee (g)	equiv. no.
1	529012	BFC/Royal	70	60,5	19,5	1	6	-
1	529011	BFC/Royal	70	60,5	24,5	1	7	4630051
1	527631	BFC/Royal	70	60,5	17	1	8	-
2	529014	BFC/Royal	70	60,5	21	2	12	-
2	529076	BFC/Royal	70	60,5	24,5	2	14	4630052
1	529012	Brasilia	70	60,5	19,5	1	6	01702.0.40.01
1	529011	Brasilia	70	60,5	24,5	1	7	00560.0.40.01
1	527631	Brasilia	70	60,5	17	1	8	-
2	529014	Brasilia	70	60,5	21	2	12	01703.0.40.01
2	529013	Brasilia	70	60,5	25,5	2	14	00561.0.40.01
1	526341	Carimali	68	60,5	20	1	6	14.02017
1	529021	Carimali	68	60,5	-	1	7	14.00768
2	526342	Carimali	68	60,5	21	2	12	14.00819
2	529022	Carimali	68	60,5	24,5	2	14	14.00769
1	529018	Cimbali	68	60	18	1	6	-
1	529017	Cimbali	68	60	22	1	7	-
2	529020	Cimbali	68	60	22	2	12	-
2	529019	Cimbali	68	60	25	2	14	-
1	529178	Elektra	58	51	22	1	6	00164035
2	529179	Elektra	58	51	26	2	12	00163035
1	529196	Elektra	70	60	24,5	1	7	00065035
2	529197	Elektra	70	60	24,5	2	14	00066035
1	529012	Expobar	70	60,5	19,5	1	6	75000059
1	526261	Expobar	70	60,5	20,5	1	6,5	75000037
1	529011	Expobar	70	60,5	24,5	1	7	75000030
1	527631	Expobar	70	60,5	17	1	8	-
2	529014	Expobar	70	60,5	21	2	12	75000047
2	529013	Expobar	70	60,5	25,5	2	14	75000041
1	529012	Faema	70	60,5	19,5	1	6	-
1	529011	Faema	70	60,5	24,5	1	7	-
1	529075	Faema (low cost)	70	60,5	24,5	1	7	-
1	527631	Faema	70	60,5	17	1	8	-
2	529014	Faema	70	60,5	21	2	12	-
2	529076	Faema (low cost)	70	60,5	24,5	2	14	-
2	529013	Faema	70	60,5	25,5	2	14	-
1	526261	Fiorenzato-C.S.	70	60,5	20,5	1	6,5	A2200221
1	529011	Fiorenzato-C.S.	70	60,5	24,5	1	7	A2200028
2	529197	Fiorenzato-C.S.	70	60	24,5	2	14	A2200029
1	526069	Fracino	70	60	20,5	1	7	FC107
1	526132	Fracino	70	60	23,5	1	10	FC107/D
2	526067	Fracino	70	60	20,5	2	12	FC108
2	526068	Fracino	70	60	24,5	2	14	FC108/D
1	526664	Gaggia	69,5	60,8	20	1	6,5	WGANF08/002/B
1	526665	Gaggia	69,5	60,8	24	1	7	WGANF08/004/B
2	526666	Gaggia	69,5	60,8	24,5	2	12-14	WGANF08/005/B
1	529077	Gaggia (low cost)	69	60,8	24,3	1	7	-
2	529022	Gaggia	69	60,8	24,5	2	14	-
1	525234	Iberital-Macchine	66	55	23	1	-	19786
2	525235	Iberital-Macchine	66	55	25	2	-	19787
2	529030	Iberital-Macchine	65	55	27,5	2	14	19788

COMPONENTS FOR ESPRESSO MACHINES – UNIVERSAL PARTS

1 cup



2 cups



pos.	part no.	suitable for	ø (mm)	mounting ø (mm)	H (mm)	cups	amount of coffee (g)	equiv. no.
1	526261	La-Scala	70	60	20,5	1	6,5	C-0498
1	526479	La-Scala	69,5	60	24	1	7	C-0499
2	529014	La-Scala	70	60	21	2	12	C-0500
2	529197	La-Scala	70	60	24,5	2	14	C-0501
1	531023	La-Rocca	70	60	24,5	1	8	12502
2	526068	La-Rocca	70	60	24,5	2	14	12500
1	526069	Magister	70	60	20,5	1	7	210026
2	529700	Magister	70	60	22	2	14	210027
1	529100	Marcfi	67	57	25	1	7	-
2	529101	Marcfi	67	57	25	2	14	-
1	529098	Marcfi	70	60,3	22	1	7	-
2	529099	Marcfi	70	60,3	22	2	14	-
1	526897	Marzocco	70	60	27	1	1	L115/A
2	526898	Marzocco	70	60	27	2	2	L116/A
1	527135	NuovaSimonelli	70	61	21	1	6	03000321
2	527136	NuovaSimonelli	70	61	22	2	2	03000322
1	525710	La Pavoni	60	53,5	21	1	1	327057
2	525709	La Pavoni	60	53,5	25	2	2	327053
1	529015	Rancilio	70	61	20	1	7	-
2	529016	Rancilio	70	61	22	2	12	-
1	526495	Reneka	67,5	60	22,1	1	6	9003961
1	526496	Reneka	67,5	60	20,1	1	7	9003947
2	526497	Reneka	67,5	60	22,1	2	14	9003944
1	526261	RST - Fiamma	70	60,5	20,5	1	6,5	5.0.000.0170
2	529014	RST - Fiamma	70	60,5	21	2	12	5.0.000.0173
1	525952	San Marco	66	57	22	1	6	202108
1	525958	San Marco	66	57	22	1	7	202116
1	525950	San Marco	66	57	22	1	8	202110
1	529026	San Marco	66	57	25	1	9	0238
2	525953	San Marco	66	57	24	2	12	202112
2	525957	San Marco	66	57	25	2	14	202117
2	525951	San Marco	66	57	26	2	16	202114
2	529027	San Marco	66	57	28	2	18	0237
1	529012	Sanremo	70	60,5	19,5	1	6	10052101
1	529011	Sanremo	70	60,5	24,5	1	7	10052100
1	527631	Sanremo	70	60,5	17	1	8	-
2	529014	Sanremo	70	60,5	21	2	12	-
2	529013	Sanremo	70	60,5	25,5	2	14	10052110
1	525156	Spaziale	65	55	23,3	1	6	1945
1	529029	Spaziale	65	55	25	1	7	646
2	525155	Spaziale	65	55	25,7	2	12	1943
2	529030	Spaziale	65	55	27,5	2	14	645
1	525267	SV-Italia	70	60	20,5	1	6	SVTMF012
1	525268	SV-Italia	70	60	24,5	1	7	SVTMF002
2	529014	SV-Italia	70	60	21	2	12	SVTMF011
2	525270	SV-Italia	70	60	25	2	14	SVTMF003

UNIVERSAL PARTS - COMPONENTS FOR ESPRESSO MACHINES

pos.	part no.	suitable for	ø (mm)	mounting ø (mm)	H (mm)	cups	amount of coffee (g)	equiv. no.
1	529210	Unic	68	60	22	1	7	-
2	529211	Unic	68	60	23,5	2	14	-
1	526069	VFA-Express	70	60	20,5	1	7	514358
2	526067	VFA-Express	70	60	20,5	2	12	514357
2	526068	VFA-Express	70	60	24,5	2	14	E514357
1	529012	Vibiemme	70	60,5	19,5	1	6	-
1	529011	Vibiemme	70	60,5	24,5	1	7	FILT1TA
1	527631	Vibiemme	70	60,5	17	1	8	-
2	529014	Vibiemme	70	60,5	21	2	12	-
2	529013	Vibiemme	70	60,5	25,5	2	14	FILT2TA
1	529012	Wega	70	60,5	19,5	1	6	-
1	529011	Wega	70	60,5	24,5	1	7	WY10325
1	527631	Wega	70	60,5	17	1	8	-
2	529014	Wega	70	60,5	21	2	12	-
2	529013	Wega	70	60,5	25,5	2	14	WY10326

for 3 and more cups



pos.	part no.	ø (mm)	mounting ø (mm)	H (mm)	cups	amount of coffee (g)	suitable for	equiv. no.
1	526477	67,6	60	30	3	21	Reneka	9003939
2	529973	70	60	28	3	21	Expobar	7500049
3	529229	70	60	28	3	21	Astoria Wega	27190 WY27190

for coffee pods



pos.	part no.	ø (mm)	mounting ø (mm)	H (mm)	cups	suitable for	equiv. no.
1	526070	70	60	17	1	Fracino	FC107/POD
2	526899	70	60,5	19,3	2	Fracino	FC108/POD
3	528995	70	60	16	1	Magister	210058

for malt coffee filter holders



pos.	part no.	ø (mm)	type
1	525929	42	A (30mm)

pos.	part no.	ø (mm)	type
2	525930	42	B (32mm)

COMPONENTS FOR ESPRESSO MACHINES – UNIVERSAL PARTS

blank filters



pos.	part no.	ø (mm)	mounting ø (mm)	H (mm)	suitable for	equiv. no.
1	525232	55,2	65	25,5	Iberital-Macchine	6551
2	529064	65	55	25	Spaziale	647
3	529028	65,5	56	21,5	San Marco	202115
4	529102	70	60	17	La-Rocca SV-Italia	12510 SVTMF004
5	529023	70	60	18	Astoria Bezzera BFC Brasilia Expobar La-Scala NuovaSimonelli Royal Wega	27173 5471003 4630100 00564.0.40.01 75000020 C-0495 03000107 4630100 WY27173

brewing groups with solenoid valve universal



pos.	part no.	description
1	525496	brewing unit
2	370057	solenoid valve brass 3-ways 230V
3	528031	filter holder gasket D1 Ø73mm, D2 Ø57mm, H 8,5mm
4	528417	shower filter Ø58mm, H 19mm

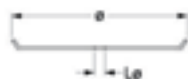
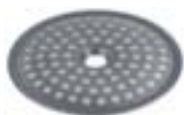
pos.	part no.	description
5	525976	filter holder mounting Ø82mm, outlet 3/8"
6	529011	coffee filter 1 cup, 7 gr
6	529076	coffee filter 2 cups, 14 gr



pos.	part no.	description
1	525495	brewing unit E61
2	370057	solenoid valve brass 3-ways 230V
3	528030	filter holder gasket D1 Ø73mm, D2 Ø57mm, H 8mm
4	528417	shower filter Ø58mm, H 19mm

pos.	part no.	description
5	525984	filter holder mounting Ø82,5mm, outlet 3/8"
6	529011	coffee filter 1 cup, 7 gr
6	529076	coffee filter 2 cups, 14 gr

shower filters flat



pos.	part no.	ø (mm)	Lø (mm)	suitable for	equiv. no.
1	528906	27	5,1	Unic	-
2	527107	34	4,5	NuovaSimonelli	03000067
3	528996	34	6,2	Magister	210057
4	529975	34,2	4,9	Expobar	75000015
5	527108	40	4,5	NuovaSimonelli	03000069
6	525954	48	5	San Marco	202271
7	529088	48	5,5	San Marco	202011
8	528884	50,5	6,5	Solenry	-
9	529228	51,6	6,2	Fiorenzato-C.S. SV-Italia	A2200235 SVECD001
10	529137	51,6	13,1	Marcfi	-

pos.	part no.	ø (mm)	Lø (mm)	suitable for	equiv. no.
11	529136	51,6	13,1	Marcfi	-
12	528415	52	5	Brasilia	00562.0.40.01
13	529084	52	6,4	Astoria Bezzera BFC Reneka Royal Sanremo	27100 5470504 4630033 9003470 4630033 10052170
14	529193	52,1	6,3	Cimbali Elektra Fracino	457-504-000 01208035 FC103M
15	529138	54,6	10	Marcfi	BJ-5394
16	529087	55	5,2	Gaggia	WGADM0269

with upstand and central hole



pos.	part no.	ø (mm)	H (mm)	Lø (mm)	suitable for	equiv. no.
1	525233	52	5	5	Iberital-Macchine	19079
2	531022	55/56	9	5	La-Rocca	11363
3	529144	56,5	4,5	5,3	NuovaSimonelli	03000066
4	526854	56,5	6	7	Marzocco	L107
5	529092	56,7	6	7,1	Aurora	-
6	529031	56,7	6,1	5,5	Aurora	000182
7	525712	56,8	6	5,5	La Pavoni	327106
8	528997	57	4	5,3	Magister	210025
9	529091	57,2	4,3	6,3	Bezzera Marzocco	5470501 L107
10	529085	57,5	4	5	Rancilio	40200005
11	528472	58	11	6	Conti	355900

with upstand



pos.	part no.	ø (mm)	H (mm)	suitable for	equiv. no.
1	525707	51	14,3	La Pavoni	327115
2	525844	55,3	18,2	RST - Fiamma	5.0.025.0010
3	529293	57	6	Astoria Rancilio Wega	27101 40200030 WY27101
4	529177	58	14	Elektra	00175035
5	526788	58	17,5	QualityEspresso VFA-Express	02610004 528369
6	529132	58	18	Iberital-Macchine	288

pos.	part no.	ø (mm)	H (mm)	suitable for	equiv. no.
7	528417	58	19	Astoria BFC Brasilia Expobar Fiorenzato-C.S. Royal Vibiemme Wega	27104 0520080 04214.0.40.01 75000010 A2200031 0520080 FILTDCREGR WY10324
8	529083	58	19	Faema	-
9	529080	58	20	Astoria Faema La-Scala QualityEspresso Sanremo SV-Italia	27104 4771026100 C-0322 02610004 10052120 SVTMD003
10	529140	59,5	12,5	Marcfi	-

COMPONENTS FOR ESPRESSO MACHINES – UNIVERSAL PARTS

filter holder gaskets
flat
standard



pos.	part no.	D1 ø (mm)	D2 ø (mm)	H (mm)	version	suitable for	equiv. no.
1	528038	64	52,5	5,5	-	San Marco	1019
2	528081	64	52,5	6,5	-	San Marco	-
3	528086	64,5	52,5	6,3	-	Spaziale	1939
4	528041	64,5	52,5	6,65	-	Spaziale	1968
5	528059	65	53	5,3	-	Marcfi	-
6	528098	66	56	5,5	-	Astoria	12216
7	528043	66	56	6	-	Astoria	12219
8	528044	69,5	57	7,5	-	Carimali	87.00122.00.19
9	528062	70	56,5	8	-	Solenry	-
10	528083	70	56,5	8,3	-	Solenry	-
11	528040	71	56,5	8	with outside notch	Brasilia	04408.0.00.02
12	528035	71	56,5	8,5	-	Cimbali	-
13	528058	71	56,9	10,2	-	Italcrem	-
14	525105	72	56	8	-	Fiorenzato-C.S.	A1200181
15	528064	72	56	9	-	Gaggia	-
16	525775	72	56,5	8,8	with outside notch	Aurora	000177
17	528049	72	56,5	9	with outside notch	Aurora	-
18	526667	72,3	56	8,5	-	Gaggia	WGANG01/001/B
19	526270	72,3	57,3	8	-	Astoria Reneka	12217 9101145
20	528063	72,3	57,3	8,5	-	Astoria	12217
21	526269	72,3	57,3	8,5	-	Astoria	12215
22	526551	72,5	57	8	-	Brasilia	04367.0.00.02
23	528069	72,5	58	4,5	-	NuovaSimonelli	02280025
24	528030	72,7	57,2	8	-	Astoria QualityEspresso VFA-Express Wega	12225 01652809 528370 W10321
25	525104	73	57	8	-	Fiorenzato-C.S.	A1200007
26	526445	73	57	8	with inside notch	La-Scala	C-0321
27	525607	73	57	8,2	-	Iberital-Macchine Sanremo	142 10502110
28	528031	73	57	8,5	-	Astoria Bianchi Vending Fiorenzato-C.S. La-Scala Wega	12226 36361516 A1200006 C-0321 W10323
29	528032	73	57	9	-	Azkoyen Faema Wega	- - W10322
30	525371	73	57	9,2	-	Iberital-Macchine	145
31	528072	73	57,5	8	-	Azkoyen	-
32	528047	73	58	7	-	NuovaSimonelli	02280020
33	528405	73	58	7	with outside notch	NuovaSimonelli	02280020.C
34	528061	73	59	8,5	-	Marcfi	-
35	526140	73,3	57,1	8	-	Conti	002700
36	526141	73,3	57,1	8,3	-	Conti	002710
37	525257	73,3	57,3	7,5	with inside notch	SV-Italia	SVTMS013
38	526063	73,3	57,3	8	-	Fracino	FC104

UNIVERSAL PARTS - COMPONENTS FOR ESPRESSO MACHINES



pos.	part no.	D1 ø (mm)	D2 ø (mm)	H (mm)	version	suitable for	equiv. no.
39	525258	73,3	57,3	8,1	with inside notch	SV-Italia	SVTMS024
40	526064	73,3	57,3	8,5	-	Fracino RST - Fiamma	FC104/8.5 5.0.025.0012
41	526065	73,3	57,3	9	-	Fracino	FC104/9
42	525385	73,5	55,5	10,5	with inside notch	Iberital-Macchine	19077
43	527987	73,5	57,5	8	with inside notch	BFC Royal	2002310 2002310
44	528034	73,5	57,5	8	with outside notch	Magister Rancilio	190003 36301001
45	528610	73,5	57,5	8,1	with outside notch	Magister	190003
46	527986	73,5	57,5	8,5	with inside notch	BFC Royal	0520090 0520090
47	528060	73,5	59,5	7,5	-	Marcfi	-
48	526254	73,6	58	8	-	Expobar QualityEspresso Vibiemme	75000081 01652809 GUARSOT
49	526255	73,6	58	8,5	-	Brasilia Expobar	05820.0.00.02 75000083
50	526256	73,6	58	9	-	Expobar	75000085
51	528037	73,8	57,2	9	-	Reneka	9003203
52	528070	74	57,5	8	with inside notch	Faema	-

with bevel 45x2



pos.	part no.	D1 ø (mm)	D2 ø (mm)	H (mm)	suitable for	equiv. no.
1	528042	72	56	8	Astoria	12215
2	525606	73	56,5	8	Sanremo	10502038
3	526834	73	57	8,4	Grimac	W556

pos.	part no.	D1 ø (mm)	D2 ø (mm)	H (mm)	suitable for	equiv. no.
4	528970	73,5	57,5	8	Astoria Wega	12225 WY12227
5	528969	73,5	57,5	8,5	Astoria Wega	12228 WY12228

with chamfer



pos.	part no.	D1 ø (mm)	D2 ø (mm)	H (mm)	suitable for	equiv. no.
1	525497	72,5	47,5	8,1	La-Rocca	14455

pos.	part no.	D1 ø (mm)	D2 ø (mm)	H (mm)	suitable for	equiv. no.
2	528087	74	57	9	Unic	-

COMPONENTS FOR ESPRESSO MACHINES – UNIVERSAL PARTS

with cone



pos.	part no.	D1 ø (mm)	D2 ø (mm)	H1 (mm)	H2 (mm)	suitable for	equiv. no.
1	528067	67	56,5	6,4	4	Brasilia	-
2	525021	71	56	8,2	5	NuovaSimonelli	02280020.V
3	528036	71	57	9,1	5,8	Cimbali NuovaSimonelli	401-261-000 40200004
4	528958	72	56	9,3	6,3	Bezzera	5493034

with ridge



pos.	part no.	D1 ø (mm)	D2 ø (mm)	H1 (mm)	H2 (mm)	suitable for	equiv. no.
1	528065	72	55	7,6	6,1	Marzocco	L105/B8
2	526883	72	55	8,1	6,2	Marzocco	L105/B8
3	526884	72	55	9,1	7,2	Marzocco	L105/B9
4	528066	72	55	9,5	7,1	Marzocco	L105/B9

O-rings



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	suitable for	equiv. no.
1	510409			5,34	Bezzera Elektra Nova Simonelli	7496029 01917035 18010746

shim gaskets



pos.	part no.	D1 ø (mm)	D2 ø (mm)	T (mm)	material
1	528080	63	53	0,5	paper
2	528084	65	55	0,5	paper
3	528046	66	58	0,8	paper
4	528068	69	57	0,8	paper
5	528079	71	58	0,5	paper
6	528075	71	58	0,8	paper
7	528033	71	58	0,8	paper
8	527632	71	59	0,8	paper
9	531025	72	48	0,5	steel
10	531026	72	48	1	steel
11	528599	72	58	0,4	paper
12	525103	72	58	0,6	paper
13	528050	73	59	0,5	paper
14	528056	74	58	1	rubber

filter holder without bottom



pos.	part no.	suitable for	version	mounting ø	ID ø (mm)
1	525911	ASTORIA	complete with filter	80	62
2	525910	BEZZERA	complete with filter	80	62
3	525909	BRASILIA	complete with filter	80	62
4	525914	CARIMALI	complete with filter	82	60
5	525908	CIMBALI	complete with filter	81,5	62
6	525906	CONTI	complete with filter	84	62
7	525901	CREM-EXPOBAR	complete with filter	83	62
8	525904	FAEMA	complete with filter	83	62
9	525903	FUTURMAT	complete with filter	83	62
10	525912	GAGGIA	complete with filter	79	62
11	525907	MARZOCCO	complete with filter	83	62
12	525913	NUOVA SIMONELLI	complete with filter	82	62
13	525905	RANCILIO	complete with filter	83	62
14	525915	SAN MARCO	complete with filter	82	58
15	525900	VIBIEMME	complete with filter	83	62
16	525902	WEGA	complete with filter	83	62

filter holder for malt coffee



pos.	part no.	suitable for	version	mounting ø	spout connection
1	525922	ASTORIA/BRASILIA	with filter, without spout	79	3/8"
2	525917	ASTORIA/GLORIA	with filter, without spout	76	3/8"
3	525918	BEZZERA	with filter, without spout	79,5	3/8"
4	525916	CIMBALI	with filter, without spout	82	3/8"
5	525923	FAEMA	with filter, without spout	82	3/8"
6	525921	FUTURMAT/ARIETE	with filter, without spout	82	3/8"
7	525920	GAGGIA	with filter, without spout	78	3/8"
8	525919	NUOVA SIMONELLI	with filter, without spout	82	3/8"
9	525924	RANCILIO	with filter, without spout	81,5	3/8"
10	525927	SAN MARCO	with filter, without spout	81	3/8"
11	525928	SPAZIALE	with filter, without spout	76	3/8"
12	525926	VIBIEMME	with filter, without spout	81,5	3/8"
13	525925	WEGA	with filter, without spout	81,5	3/8"

Components for coffee grinders

straight grinding burrs

standard



pos.	part no.	turn direction	D1 ø (mm)	ID ø (mm)	H (mm)	tooth spacing (mm)	Lø (mm)	bore ø (mm)	mounting ø	suitable for	equiv. no.
1	527243	left	43	25	7	3	3,2	6	35	Saeco	-
2	526216	left	50	30	7,5	3	4,6	7,6	38	Anfim Obel	50 DF8
3	527213	left	50	30	8	2,5	4,5	7,5	40	Brasilia	-
4	527229	left	50	31	8	3	4,5	7,5	40	Obel Rancilio	DF8 69000032
5	527216	left	53	30	8,5	3	5,5	8,5	42	Casadio	-
6	527224	left	54	31	8	3,5	4,5	6,5	45	Faema QualityEspresso	00896209
7	527210	left	54	32	8	3,5	4,5	6,5	42	Anfim	54
8	525555	left	62	38	9	3,5	5,5	8,5	50	QualityEspresso	00888008
9	526518	left	63,3	38	9	2,5	5	8,5	50	Brasilia Rossi	19164.3.00.04 M4433.64
10	527235	left	63,3	38	9	3	5,5	8,5	50	Rancilio	69000033
11	527202	left	63,3	38	9	3	5,5	8,5	50	Brasilia Reneka Rossi	00058.2.00.04 9009822 4433
12	527233	left	63,3	38	9	3	5,5	8,5	50	Obel	EB08
13	527238	left	63,5	38	9	3,5	5,5	8,5	47	Santos	06205+06302
14	525533	left	64	37	8,5	3	5	8,5	50	QualityEspresso	09000298
15	526217	left	64	37	9	3,5	6	8	46	Anfim	64
16	527234	left	66	35	9	6	4,5	7,3	50	Quick Mill	-
17	527211	left	75	43	9	4	6,5	10,5	57	Anfim	75
18	527236	left	75	43	10,6	4	6,5	10	57	Rancilio	69000034
19	526218	left	75	43,5	9,2	3,5	6,5	10	57	Anfim	75-SP
20	527215	left	83	45	10	3,5	6,5	10,5	65	Brasilia Rossi	- -
21	527214	left	84	45	10,3	4	6	10	68	Casadio	-
22	527245	right	49	30	7,5	3	4,5	6,5	39	Faema	-
23	527244	right	50	30	7,5	2,5	4,5	7,5	40	Eureka Gaggia	MAC50 CP
24	527223	right	54	31	8	3,5	4,5	6,5	45	Faema	4801-116 730
25	527218	right	54	32	9	3,5	6	8,5	41	Cimbali	-
26	527914	right	58	33	8,5	3	5	8	44	Mazzer	FMA001082D
27	525816	right	58	33,4	8,5	3	5	8,5	44	Compak	K2058
28	527702	right	58	34	8,5	3	4,5	7,5	45	Macap	C0004M135A
29	527701	right	58	34	8,5	3	4,5	7,5	47	Macap	C0004M135
30	527240	right	60	34	8	4	5,5	8,3	48	Compak Wega	-
31	525272	right	60	37,8	8,9	3,5	5,5	8,5	48,7	Eureka	MAC60 CP
32	526716	right	61	35	8,4	3	5	9	45	Mazzer	FMA00195D
33	527227	right	63	38	9,5	3	5,5	8,5	48	Fiorenzato-C.S. Fiorenzato-Quamar	A3200063 260001
34	527241	right	63,3	38	9	3	5,5	8,5	50	Astoria Wega	28217000 WY28217000
35	525815	right	63,4	38,2	9,2	3,5	5,5	8,6	56,7	Compak	K00099
36	527231	right	64	37	8,4	3	5,5	9	49	Mazzer	FMA00189D
37	527650	right	64	37	8,5	3,5	6	8,5	49	Fiorenzato-M.C	001.002.034

UNIVERSAL PARTS – COMPONENTS FOR COFFEE GRINDERS



pos.	part no.	turn direction	D1 ø (mm)	ID ø (mm)	H (mm)	tooth spacing (mm)	Lø (mm)	bore ø (mm)	mounting ø	suitable for	equiv. no.
38	526931	right	64	37	8,5	4	6,3	8,5	49	San Marco	202174
39	527219	right	64	37	9	3	5,5	8,5	50	Cimbali	535-100-200
40	527113	right	64	37,5	9	4	6	8,5	49	NuovaSimonelli	15050001
41	527246	right	64	38	8,6	3	6	8,5	48	San Marco	-
42	527225	right	64	38	9	2,5	5	8	50	Faema	-
43	525524	right	64	38	9	3	5,5	9	49	Ceado	40185
44	525525	right	64	38	9	3	5,5	9	49	Ceado	40168
45	527700	right	64,5	38	8,5	3	5	8,5	48	Elektra Macap	C0004M122 C0004M122
46	527703	right	64,5	38	8,5	3	5	8,5	50	Macap	C0004M122A
47	527220	right	68	43	8	5	5	8	54	Alinox DRM	- -
48	527586	right	74	38	9	4	6	8,5	-	Eureka	-
49	527699	right	74	42,5	9,2	3,5	5	8,5	59	Macap	C0004M121A
50	527704	right	74	42,5	9,2	3,5	5,5	8,5	57	Macap	C0004M121
51	526552	right	75	43	10,5	3,5	5,5	8,5	57	Compak Wega	-
52	525647	right	75	43,7	9,3	3,5	5,5	9	57	Faema	4801-133 539
53	527242	right	80	41	10,3	4	6	10	60,5	Astoria Wega	28217005 WY28217005
54	527651	right	82,5	49	9,5	3	6	10	66	Fiorenzato-M.C	001.002.030
55	525526	right	82,5	49,2	9,5	3	6	10,2	65,5	Ceado	40180
56	526177	right	82,5	49,2	9,5	3,5	6	10,2	66	Compak	K00812
57	527228	right	83	45	10	4	6	10	64,5	Fiorenzato-C.S. Fiorenzato-Quamar	260003 260003
58	527232	right	83	49	9,6	3	6	10	65	Mazzer	FMA00151B
59	531122	right	83	49	9,6	3,5	6	10	76	Mazzer	FMA00151C
60	527247	right	83,5	45	9	4	6	10	66	San Marco	202254

TITAN



pos.	part no.	turn direction	D1 ø (mm)	ID ø (mm)	H (mm)	tooth spacing (mm)	Lø (mm)	bore ø (mm)	mounting ø	suitable for	equiv. no.
1	527036	right	63,5	38	9,2	3,8	5,5	8,5	50	Wega	WY28217004
2	525271	right	74	37,7	9	3,8	6	8,6	48,5	Eureka	MACMYTHOS CP
3	526274	right	75	43,7	9,3	3,5	5,5	9	57	Faema	990-709 000

special



pos.	part no.	turn direction	D1 ø (mm)	ID ø (mm)	H (mm)	tooth spacing (mm)	Lø (mm)	bore ø (mm)	mounting ø	suitable for	equiv. no.
1	527889	left	65	30/34	8,8	3	6	9	45	Cunill	MC0058+MC0061
2	527566	right	59	30/34	8,8	3,5	6	9	44	Cunill	MC0059+MC0060

COMPONENTS FOR COFFEE GRINDERS - UNIVERSAL PARTS

conical grinding burrs



pos.	part no.	D1 ø (mm)	D2 ø (mm)	H (mm)	shaft ø (mm)	version	suitable for	equiv. no.
1	526890	38	30	18/20	7	-	Iberital-Macchine	709
2	527248	40	32	20	10	-	Grimac Saeco	MAC076 -
3	527200	47	31,5	20	10	-	Brasilia	11779.3.00.04
4	527915	63	40	23	12	with flute	Mazzer	FMA00191C
5	527705	63	40	23,5	13	-	Macap	C0004M122B
6	525457	68	-	-	-	-	Compak	K03068
7	527431	68	49	25	11	-	Faema	2801-131 470
8	527222	68	49	25	13	-	Eureka	-
9	526932	68	49	25	13	with flute	San Marco	202251
10	527237	68	49	25	13	with flute	Brasilia Rossi	03603.3.00.04 5585
11	527221	68	49	25	13	with thread	Eros	-
12	527383	71	49	25	14	with flute	Mazzer	FMA00186C
13	527382	83	58,3	25	14	with flute	Mazzer	FMA00187C

straight/conical grinding burrs



pos.	part no.	turn direction	D1 ø (mm)	D2 ø (mm)	shaft ø (mm)	H (mm)	suitable for	equiv. no.
1	526930	right	84	45	13	9	San Marco	202250