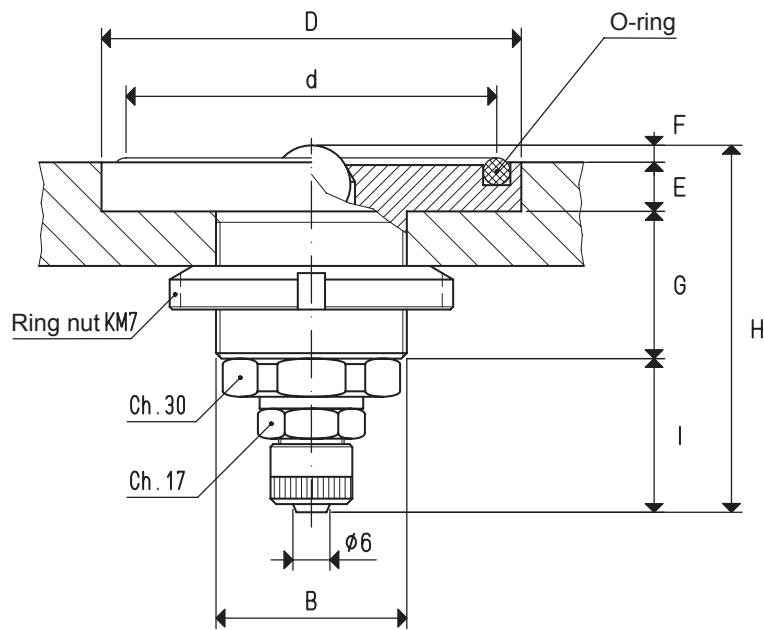


BUILT-IN CUPS WITH BALL VALVE

The main feature of these cups is that they open, and therefore they produce vacuum, only when the load to be handled activates the sealing ball.

In this version, the gripping surface is limited by a silicon O-ring which guarantees the vacuum seal.

They have been specially designed for vacuum beds and they are fully made with anodised aluminium.



3D drawings available at www.vuototecnica.net

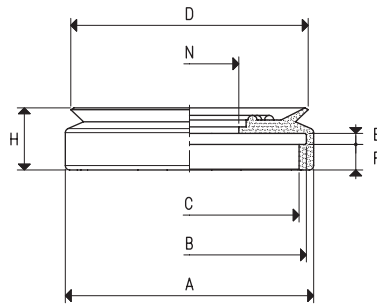
BUILT-IN CUPS WITH BALL VALVE

Art.	Force Kg	B Ø	d Ø	D Ø	E	F	G	H	I	O-ring Art.	Weight g
05 01 10	9.80	35 x 1.5	50	59	9	3	27	66	27	00 05 14	248
05 02 10	13.60	35 x 1.5	59	68	9	3	27	66	27	00 05 15	268
05 03 10	18.10	35 x 1.5	68	77	9	3	27	66	27	00 05 16	294
05 04 10	29.70	35 x 1.5	87	96	9	3	27	66	27	00 05 19	358

BUILT-IN CUPS WITH BALL VALVE

1

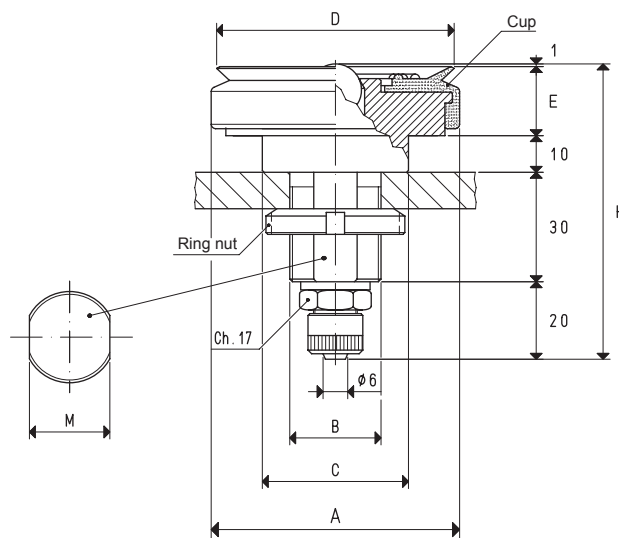
These cups differ only for the seal, which is made up by the flat cups listed in the table. They are especially recommended for the glass industries and for all those cases in which magnetic tables cannot be used. They are made with anodised aluminium, but can be supplied in other metals upon request.



SPARE CUP

Art.	Force Kg	A Ø	B Ø	C Ø	D Ø	E	F	H	N Ø	Weight g
01 65 15 *	8.29	68	63	59	65	3	7	17	27	21.4

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon



BUILT-IN CUPS WITH BALL VALVE

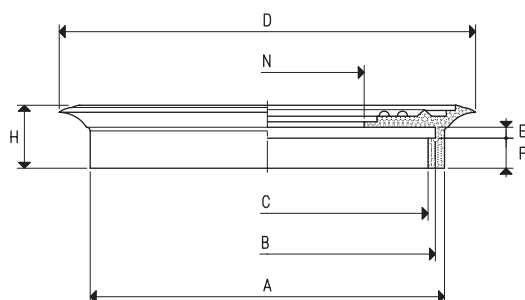
Art.	Force Kg	A Ø	B Ø	C Ø	D Ø	E	H	M	Ring nut	Cup Art.	Weight g
05 65 15 *	8.29	69	25 x 1.5	40	65	19	80	22	KM 5	01 65 15	262

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

3D drawings available at www.vuototecnica.net

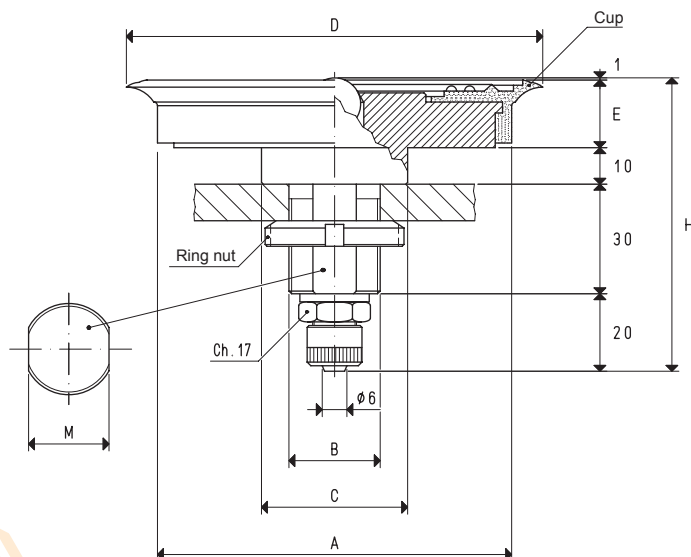
BUILT-IN CUPS WITH BALL VALVE



SPARE CUPS

Art.	Force Kg	A Ø	B Ø	C Ø	D Ø	E	F	H	N Ø	Weight g
01 85 15 *	14.18	68	63	59	85	3	7	17	27	29.7
01 110 10 *	23.74	96	91	87	114	3	8	17	54	44.3
01 150 10 *	45.00	133	125	118	154	4	11	23	64	112.0

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon



BUILT-IN CUPS WITH BALL VALVE

Art.	Force Kg	A Ø	B	C Ø	D Ø	E	H	M	Ring nut	Cup art.	Weight g
05 85 15 *	14.18	69	25 x 1.5	40	85	19	80	22	KM 5	01 85 15	272
05 110 10 *	23.74	97	25 x 1.5	40	114	19	80	22	KM 5	01 110 10	422
05 150 10 *	45.00	135	35 x 1.5	80	154	25	86	32	KM 7	01 150 10	894

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

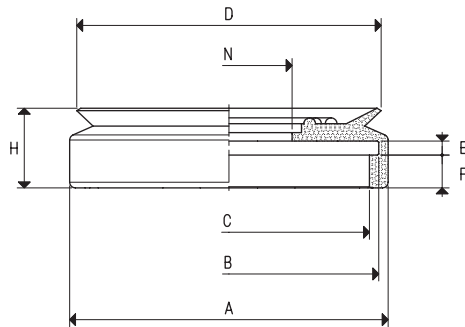
SPECIAL BUILT-IN CUPS WITH BALL VALVE



The main feature of the special built-in cups is that they open, and therefore produce vacuum, only when the load to be clamped activates the sealing ball.

Especially designed for the vacuum operated beds of woodworking machines, they differ from the previously described ones because of the high precision of their cylindrical support, which is ground to size, and because of their square closing block, which prevents the cup from rotating and enables connection to vacuum.

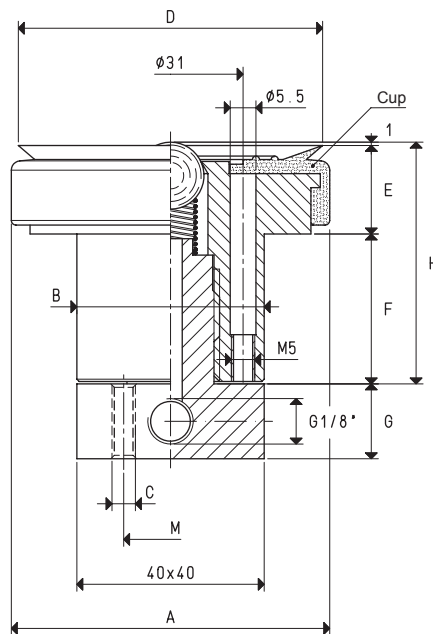
The cold-assembled cups are the flat ones listed in the table in the various compounds. Their support is made with anodised aluminium, while the closing block is made with brass.



SPARE CUP

Art.	Force Kg	A Ø	B Ø	C Ø	D Ø	E	F	H	N Ø	Weight g
01 65 15 *	8.29	68	63	59	65	3	7	17	27	21.4

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

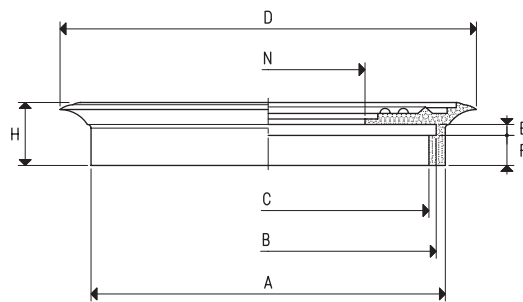


SPECIAL BUILT-IN CUPS WITH BALL VALVE

Art.	Force Kg	A Ø	B Ø	C Ø	D Ø	E	F	G	H	M	Cup Art.	Weight g
05 65 15 M *	8.29	69	40	M5	65	19	31.5	16.0	51.5	20	01 65 15	456

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

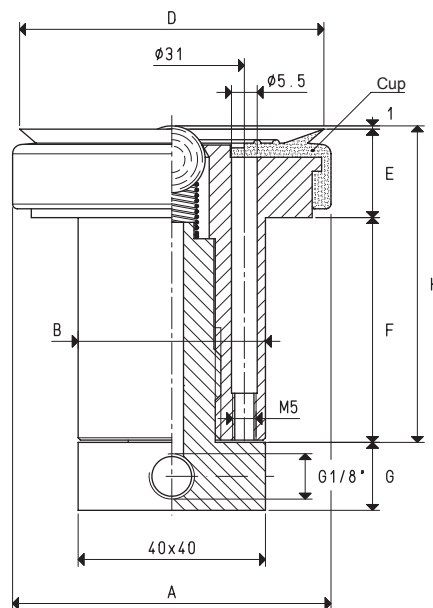
SPECIAL BUILT-IN CUPS WITH BALL VALVE



SPARE CUP

Art.	Force Kg	A ∅	B ∅	C ∅	D ∅	E	F	H	N ∅	Weight g
01 65 15 *	8.29	68	63	59	65	3	7	17	27	21.4

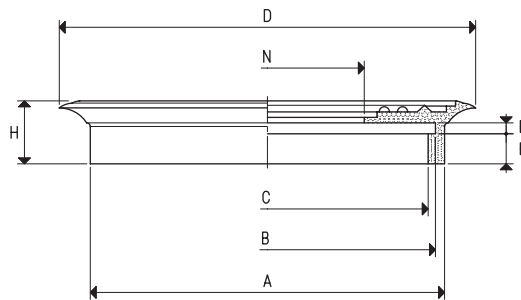
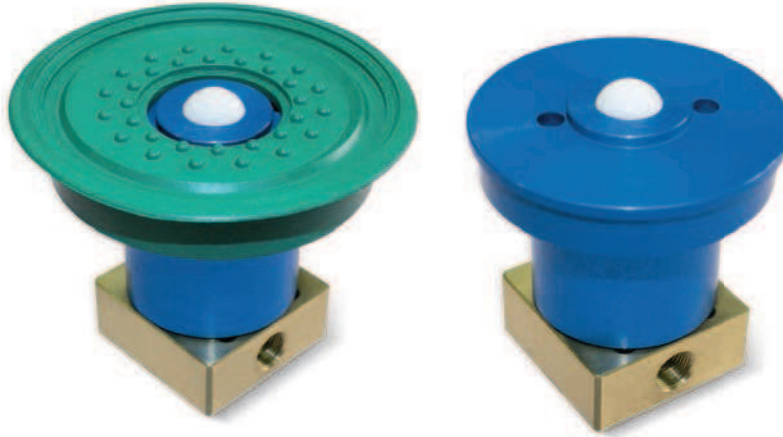
* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon



SPECIAL BUILT-IN CUPS WITH BALL VALVE

Art.	Force Kg	A ∅	B ∅	D ∅	E	F	G	H	Cup Art.	Weight g
05 65 65 *	8.29	69	40	65	19	47.5	14.5	67.5	01 65 15	528

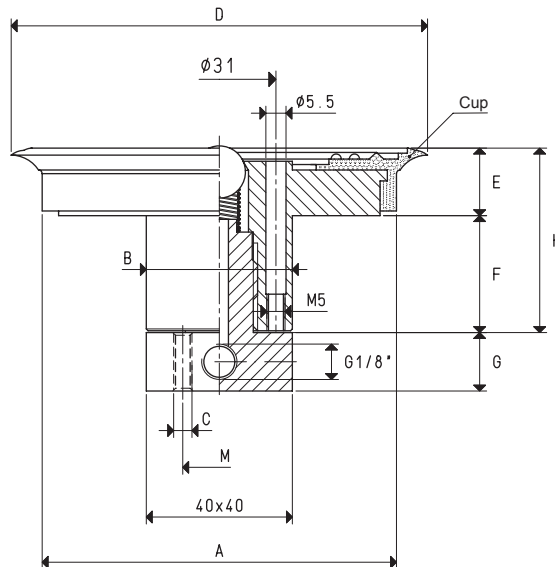
* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon



SPARE CUPS

Art.	Force Kg	A ∅	B ∅	C ∅	D ∅	E	F	H	N ∅	Weight g
01 85 15 *	14.18	68	63	59	85	3	7	17	27	29.7
01 110 10 *	23.74	96	91	87	114	3	8	17	54	44.3

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon



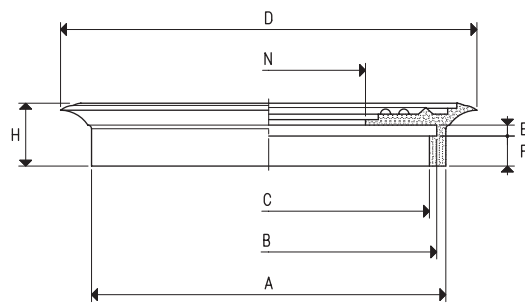
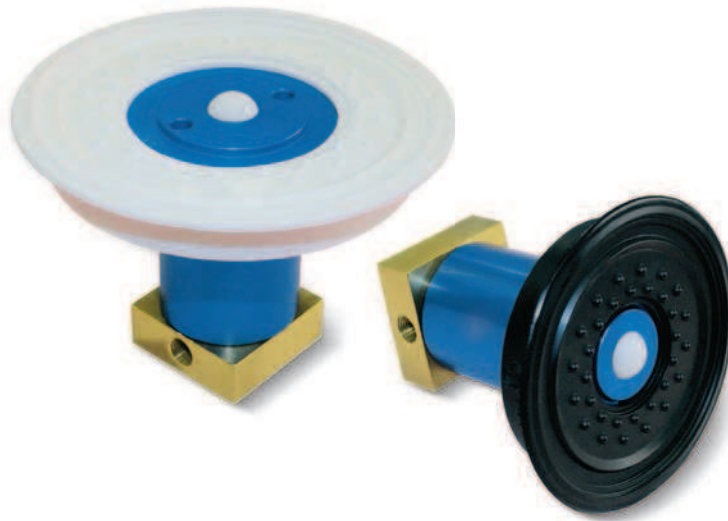
SPECIAL BUILT-IN CUPS WITH BALL VALVE

Art.	Force Kg	A ∅	B ∅	C ∅	D ∅	E	F	G	H	M	Cup Art.	Weight g
05 85 15 M *	14.18	69	40	M5	85	19	31.5	16.0	51.5	20	01 85 15	466
05 110 10 M *	23.74	97	40	M5	114	19	32.0	16.0	52.0	20	01 110 10	614

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

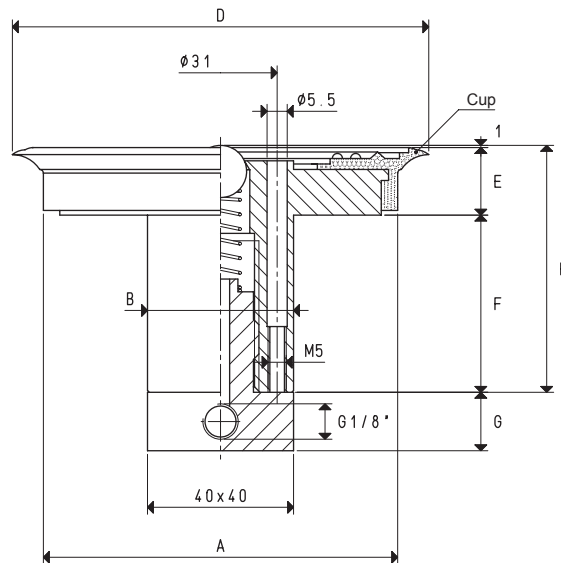
SPECIAL BUILT-IN CUPS WITH BALL VALVE



SPARE CUPS

Art.	Force Kg	A ∅	B ∅	C ∅	D ∅	E	F	H	N ∅	Weight g
01 85 15 *	14.18	68	63	59	85	3	7	17	27	29.7
01 110 10 *	23.74	96	91	87	114	3	8	17	54	44.3

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon



SPECIAL BUILT-IN CUPS WITH BALL VALVE

Art.	Force Kg	A ∅	B ∅	D ∅	E	F	G	H	Cup Art.	Weight g
05 85 65 *	14.18	69	40	85	19	47.5	14.5	67.5	01 85 15	536
05 110 65 *	23.74	97	40	114	19	48.0	14.5	68.0	01 110 10	674

* Complete the code by indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

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