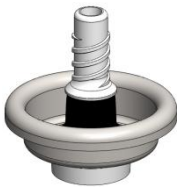
Technical Datasheet of A2010



Technical Data	A2010 Tilting Valve
Valve Stem: Mounting Cup: Grommet: Laid in Gasket: Crimp Depth: Crimp Diameter: Filling Head & Nozzle:	Polyolefin alloy Tinplated; thickness: 0,31 mm Special Thermoplastic Elastomer Shore M 70 Buna 5,10 +/- 0,10 mm 27,15 +/- 0,10 mm Filling Nozzle Pamasol recommended : - 2003-265/001 (no mechanical opening)
Packaging:	**SAMPLES**

Mechanical opening in mm

Years of experience has proven that most of our customers are using +/- 1 mm as "a mechanical starting opening" and then check after some hours of filling if any backsplash is noted or if the lip seal is leaking gas through (mechanical opening too low) which is noticed by bowling of the upper part of the rubber grommet.
But in some cases at the cessation of the filling pressure the valve closes not fast enough and it results in pollutions (= backsplash). For this reason we recommend not to open the valve anymore mechanical wise.

Crimp diameter in mm

Is depending on the valve cup thickness. A2010 valve cups have 0,31 mm which gives a crimp diameter of 27,15 mm.

Crimp height in mm

Depending on the contact height of the can rim, thickness of squeezed valve gasket and thickness of valve cup, the crimp height varies from 5,00 mm to 5,20 mm. Crimp height of can is given by the can producer. In Europe for our countersink valves we use in general a crimp height of 5,10 mm.
(Contact height of can + thickness of valve cup + thickness of squeezed gasket = crimp height to be set)

Contact pressure in daN (10 x Newton)

The valve and container are sealed well if the valve seal has been compressed before crimping.
On a Pamasol machine the compression is achieved with the air pressure in the slave cylinder and can be set with the pressure regulator.
Normal contact pressure in daN is 70 à 100.

Recommandations – Restrictions of use

For this types of valves we make some extra restrictions in terms of usage with different gases. In any case we don't advise to use this valves in combination with R22, we recommend using the common gases LPG, DME.

Because of its design and the use of a special thermoplastic elastomer we reach an excellent level of gas loss with this kind of valve. For this type of valves we recommend a vertical storage, any contact with the chemicals in the can (horizontal position), could have disadvantages to the use of this valve. If the cans were stored incorrectly there might be a formation of crunch around the stem/grommet which makes activation impossible. For an optimized use of the valve we recommend a pressure in the can lower than 10bar.

The cleaning of this valve can be done with acetone, nevertheless it's not recommended to use this valve as a cleaner valve.

Please feel free to contact us for any further information or experience exchange :

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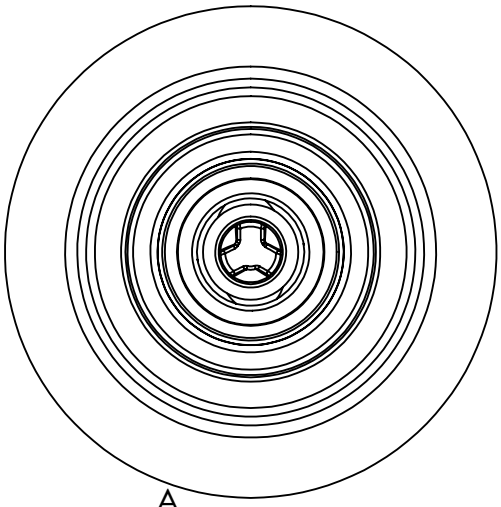
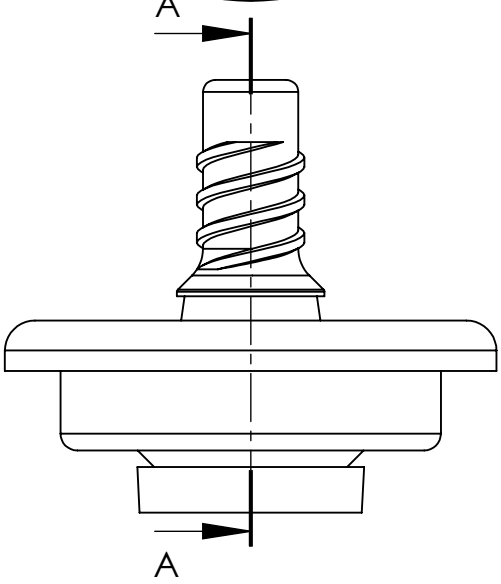
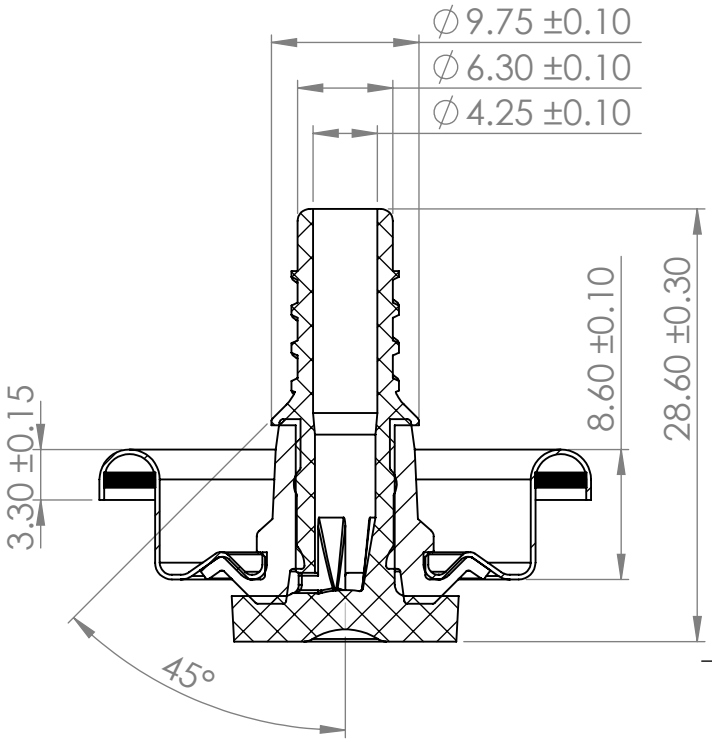
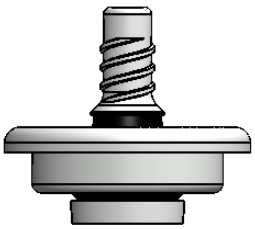
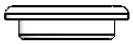




SECTION A-A







Cup with laid in gasket
A2010
Tinplated
Thickness: 0.31mm

Grommet A2010
Special thermoplastic elastomer

Stem A2010
Polyolefin

Note :		Format: A4	Scale : 2:1	weight : 6,2 gr / valve
			Material : Raw material :	

	Date :	Name :
Drawn :	01/08/11	MA
Check :	-	-
Expired :	-	-
Rev. note		

Title :

A2010 - technical drawing

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Sheet : 1/1

STUKNUMMER :