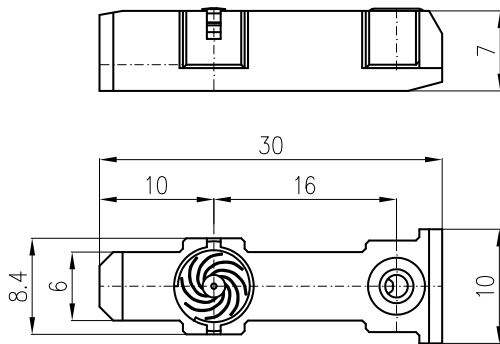


Valve seat for mtv/d** modular valves



PROJECTION
THIRD ANGLE
ISO METHOD E



za3: 28074k_2#1.6

- Valve seats for all media including anaerobic curing media
- Available material: stainless steel, plastic
- Various combinations possible for:
 - sealing ball diameter
 - valve seat width
 - space beneath seat
 - orifice diameter
 - channel length
- Easy to service: all wetted parts can be removed and cleaned separately
- Easy and fast replacement of individual parts reducing manufacturing down-time
- Simple spare part handling

Figure 1 – Dimensions of an mtv/vs* valve seat

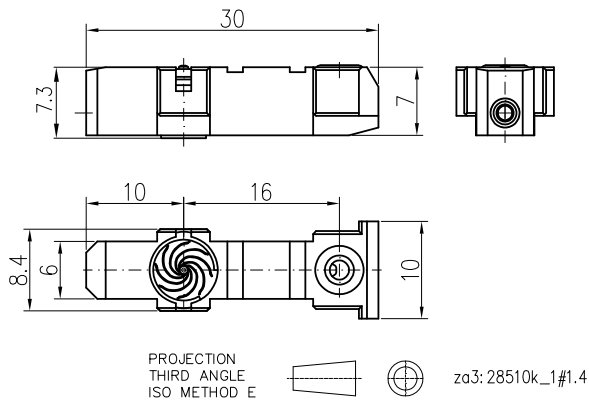
For use in the following modular valves: mtv/dsm/*, mtv/ddm/*, mtv/dsl/*, mtv/ddl/*

mtv/	vsx/	x	xxx	x	xx	x
product line	valve seat	sealing ball size	orifice size	orifice shape	style	version
	s = steel	b = 0.79 mm	Øx 0 µm e.g.	c = cylindrical	jf = jet flat	a = standard brown cartridge without protective gasket npg
	a = plastic	d = 1.58 mm	65 = 65 µm	t = tapered	qt = QuickLock tip	h = hotmelt
			080 = 80 µm		lt = LuerLock tip	p = blue cartridge with protective gasket pg
			100 = 100 µm		sn = screw nozzle	r = cartridge with increased chemical resistance
			150 = 150 µm		sw = sandwich nozzle	
			300 = 300 µm		sa = spray air	

Example: mtv/vss/b050cjfa

- valve seat material: steel
- sealing ball size: 0.79 mm
- orifice diameter: 50 µm
- cylindrical valve seat
- flat for jet application
- standard version (cartridge without protective gasket (npg))

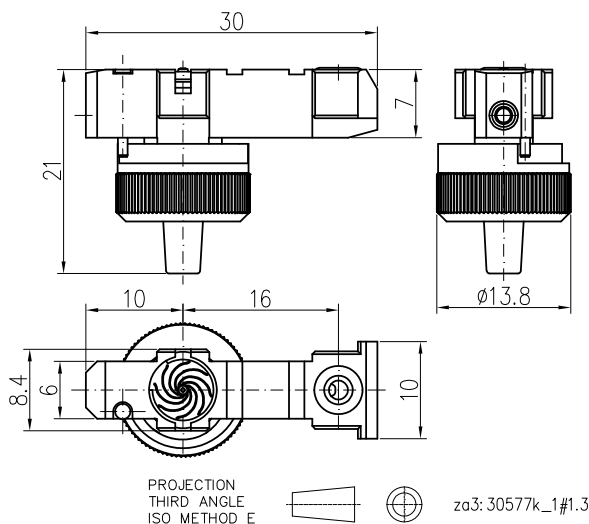
Order no.	Sealing ball	Orifice Ø	Orifice shape	Style
mtv/vss/d065tjfh2	1.58 mm	65 µm	tapered	jet flat, hot melt, dot jet
mtv/vss/d08tjfh2	1.58 mm	80 µm	tapered	jet flat, hot melt, dot jet
mtv/vss/d10tjfh2	1.58 mm	100 µm	tapered	jet flat, hot melt, dot jet
mtv/vss/d15tjfh2	1.58 mm	150 µm	tapered	jet flat, hot melt, dot jet



- for jet applications
- special nozzle insert for low viscosity media to avoid satellites

Figure 3 – Dimensions of a valve seat with sandwich nozzle

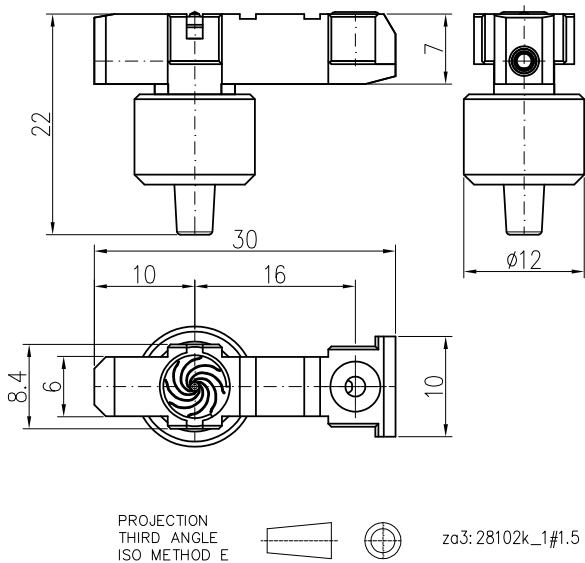
Order no.	Sealing ball	Orifice Ø	Orifice shape	Style
mtv/vss/d05cswa	1.58 mm	50 µm	cylindrical	sandwich nozzle
mtv/vss/d08cswa	1.58 mm	80 µm	cylindrical	sandwich nozzle
mtv/vss/d10cswa	1.58 mm	100 µm	cylindrical	sandwich nozzle
mtv/vss/d15cswa	1.58 mm	150 µm	cylindrical	sandwich nozzle



- for contact dispensing
- QuickLock: special marco quick lock design to avoid air getting trapped

Figure 4 – Dimensions of a valve seat for QuickLock tip

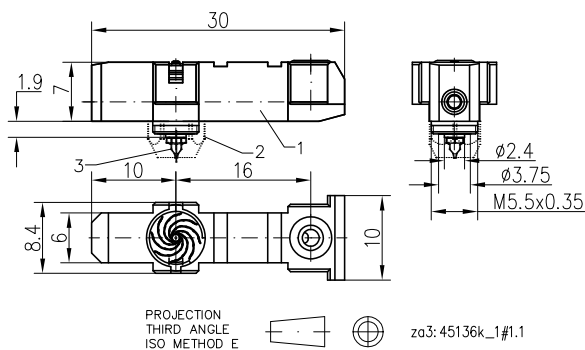
Order no.	Sealing ball	Orifice Ø	Orifice shape	Style
mtv/vss/d60cqtp	1.58 mm	600 µm	cylindrical	QuickLock tip



- for contact dispensing
- LuerLock: standard LuerLock quick lock

Figure 5 – Dimensions of a valve seat for a LuerLock tip

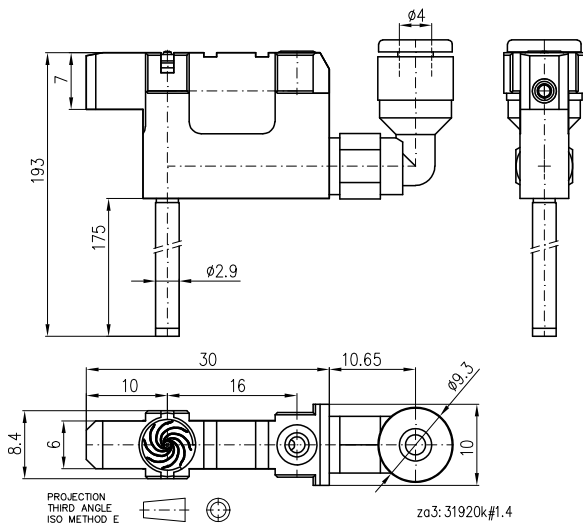
Order no.	Sealing ball	Orifice Ø	Orifice shape	Style
mtv/vss/d40clta	1.58 mm	400 µm	cylindrical	LuerLock tip
mtv/vss/d60clta	1.58 mm	600 µm	cylindrical	LuerLock tip



- for contact dispensing
- for jet applications using low viscosity fluids
- tool for assembling screw nozzle and protective cap:
mtv/tk/snsa

Figure 6 – Dimensions of a valve seat for a screw nozzle

Order no.	Sealing ball	Orifice Ø	Orifice shape	Style
mtv/vss/d80csnf	1.58 mm	800 µm	cylindrical	screw nozzle, narrow sealing surface



- For internal coating of small pipes from ID 3.1 mm to ~ 8 mm
- Versions for other pipe IDs on request

Figure 7 – Dimensions of a valve seat for a spray nozzle

Order no.	Sealing ball	Orifice Ø	Orifice shape
mtv/vss/b10csaa	0.79 mm	100 µm	cylindrical
mtv/vss/b10csac	0.79 mm	100 µm	cylindrical