



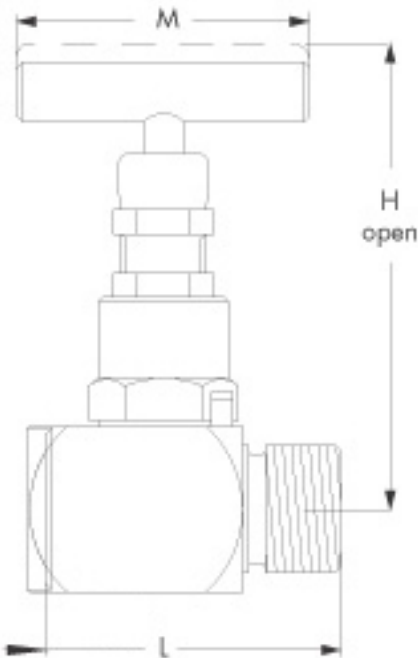
## ECON® Needle valve Type: 230 Stainless steel Straight T-bar Internal thread (BSPP)/External thread (BSPP)

### Characteristics

**Type:** 230  
**Norm:** EN (DIN)  
**Construction type:** Straight  
**Housing material:** Stainless steel  
**Material quality:** 1.4401  
**Connection:** Internal thread (BSPP)  
**Connection 2:** External thread (BSPP)  
**Face to Face norm:** Manufacturer standard  
**Operation:** T-bar  
**Rotating needle:** Yes  
**Spindle material:** 1.4401

### Characteristics (2)

**Primary spindle seal material:** PTFE  
**Actuator material:** 1.4305  
**Minimum medium temperature (continuous):** -10 °C  
**Maximum medium temperature (continuous):** 180 °C  
**Maximum pressure difference at 20 °C:** 400 bar



### Size table:

DN	d	L	H	M	Weight
	mm	mm	mm	mm	kg
1/4"	3	50	78	50	0.3
3/8"	4	55	78	50	0.3
1/2"	6	60	80	50	0.3

Nominal inner diameter	Pressure rating	Face to Face length	Valve bore	Kv value	Article
		mm	mm	m <sup>3</sup> /h	
1/4" [8]	PN400	50	3	0.18	EC0023001/4GF25
3/8" [10]	PN400	55	4	0.18	EC0023003/8GF25
1/2" [15]	PN400	60	6	0.7	EC0023001/2GF25

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