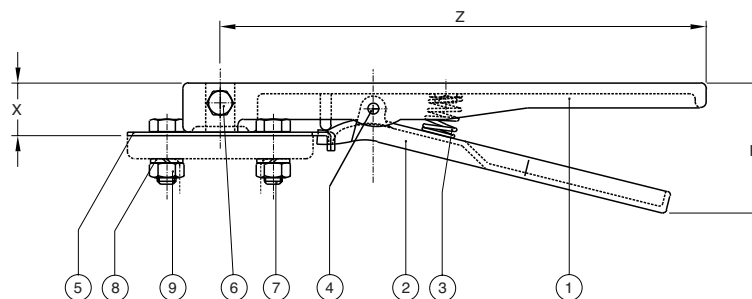
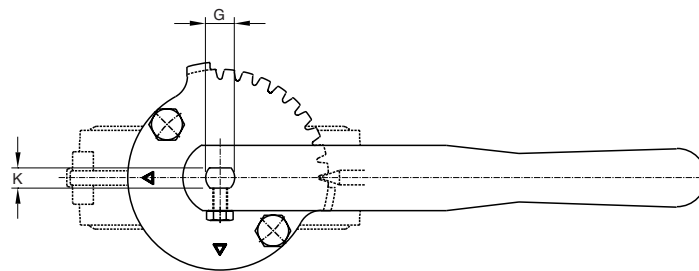


# KEYSTONE

## Leverlock handle Figure 401

Part	Name
1.	Handle bar
2.	Handle lever
3.	Spring
4.	Groove pin
5.	Throttling plate
6.	Handle screw
7.	Screw
8.	Spring washer
9.	Nut



### Note

1. Keystone advises to use handles for valves up to sizes 150 mm. On larger sizes, gearoperators are recommended.

### Handle dimensions in mm

Size	For sizes	G	K	Keywidth	R	X	Z	Mass (kg)	
								Alu	Ductile Iron
401-01	20-40	9,58	6,35	-	52	19	180	0,2	0,7
401-02	50-80	14,33	9,58	-	73	32	267	0,6	1,0
401-04	100	15,93	11,15	-	73	32	267	0,6	1,0
401-05	125-150	19,10	12,75	-	73	32	267	-	1,0
401-08	200	22,30	15,90	-	80	32	356	-	2,1
401-10	250-350	28,58	-	6,35	80	51	356	-	2,1

## Material selection Figure 401

Handle bar	Handle lever	Throttling plate	Mounting material	Trim no.	Sizes (mm)
Aluminium	Aluminium	Steel zinc coated	Steel	<b>501</b>	25-150
	Ductile Iron zinc coated	Stainless steel	Stainless steel	<b>505</b>	80
Aluminium anodized	Aluminium anodized	Stainless steel	Stainless steel	<b>503</b>	25-150
Ductile Iron	Ductile Iron	Steel zinc coated	Steel	<b>502</b>	50-300
		Stainless steel	Stainless steel	<b>504</b>	50-300

## Material specification Figure 401

Part name	Material	DIN designation	DIN mat. no.	Remark
Handle bar	Aluminium	GD-ALSi8Cu3	3.2162.05	Alloy number 226
	Ductile Iron	GGG 40	0.7040	
	Aluminium anodized	GD-ALMg8(Cu) anodized	3.2162.05	Alloy number 226 anodized
Handle lever	Aluminium	GD-ALSi8Cu3	3.2162.05	Alloy number 226
	Ductile Iron	GGG 40	0.7040	
	Ductile Iron/ zinc coated	GGG 40 zinc coated	0.7040 zinc coated	
	Aluminium anodized	GD-ALMg8(Cu) anodized	3.2162.05	Alloy number 226 anodized
Spring	Stainless Steel	X 5 CrNiMo 17 12 2	1.4401	
Groove pin	Stainless Steel	X 10 CrNiS 18 9	1.4305	
Throttling plate	Steel zinc coated	St 12.03/St 37 zinc coated		
	Stainless Steel	X 5 CrNi 18 10	1.4301	
Handle screw	Stainless Steel	X 5 CrNi 18 10	1.4301	
Screw	Steel			Quality 8.8
	Stainless Steel	X 5 CrNi 18 10	1.4301	
Springwasher	SpringSteel			According DIN 127
	Stainless Steel	X 5 CrNi 18 10	1.4301	
Nut	Steel			Quality 6.6
	Stainless Steel	X 5 CrNi 18 10	1.4301	