

TYPES

- Type **OZ**: Without centering step (smooth)
- Type **MZ**: with embossed centering ring
- Type **AV**: with external teeth
- Type **IV**: with internal teeth

Main specifications

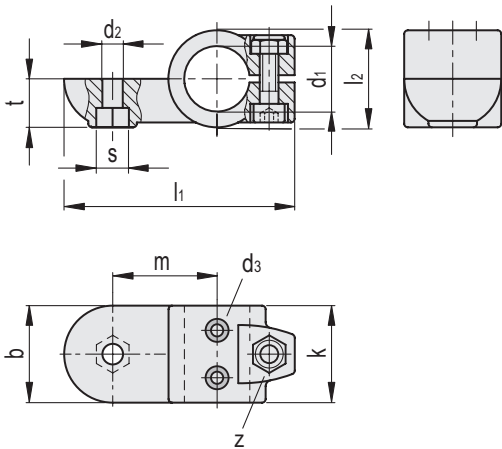
- Aluminium
- Epoxy resin coating
- Black, RAL 9005, textured finish **SW**
- Sleeve bearing
- Plastic (PTFE)
- Cylindrical-head screw DIN 912
- Stainless Steel AISI 304
- Hexagon nut DIN 985
- Stainless Steel AISI 304
- Self-locking via polyamide ring

FEATURES AND APPLICATIONS

Swivel clamp linear actuator connectors GN 278.1 are based on swivel clamp connectors. The additionally provided mounting holes are used to connect to the drive key of a linear actuator. Bores with the designation **G** are equipped with sleeve bearings. With the screw location **z**, the play of the guide bore d1 can be adjusted or the linear actuator connectors can be clamped after adjustment. For quick clamping without tools, the socket cap screw can be replaced by the adjustable hand lever GN 911 (see page -).

ACCESSORY

Adjustable Hand Levers GN 911 (see page -).



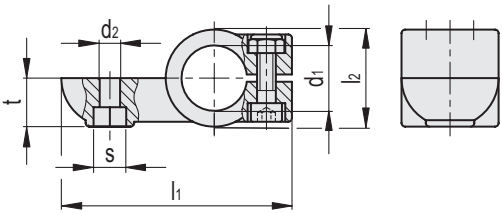
Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
30	1.17
40	1.56
50	1.95

GN 278.1-B-OZ

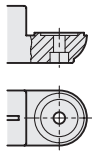
Code	Description	d1	s	d2	d3	b	k	l1	l2	m	t	z	Clamping kit	
		Bore without sleeve bearing												
GN.60144	GN 278.1-B30-OZ-2-SW	B 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	145
GN.60149	GN 278.1-B40-OZ-2-SW	B 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	706
GN.60154	GN 278.1-B50-OZ-2-SW	B 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	585

GN 278.1-G-OZ

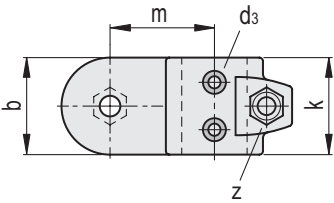
Code	Description	d1	s	d2	d3	b	k	l1	l2	m	t	z	Clamping kit	
		Bore with sleeve bearing												
GN.60159	GN 278.1-G30-OZ-2-SW	G 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	145
GN.60164	GN 278.1-G40-OZ-2-SW	G 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	706
GN.60169	GN 278.1-G50-OZ-2-SW	G 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	585



GN 278.1-MZ

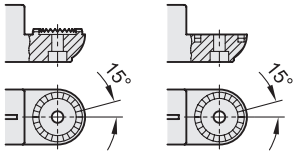


Conversion Table 1 mm = 0.039 inch	
d1	
mm	inch
30	1.17
40	1.56
50	1.95



GN 278.1-AV

GN 278.1-IV



GN 278.1-B-MZ

METRIC

Code	Description	d1 Bore without sleeve bearing	s	d2	d3	b	k	l1	l2	m	t	z	z Clamping kit	
GN.60143	GN 278.1-B30-MZ-2-SW	B 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	146
GN.60148	GN 278.1-B40-MZ-2-SW	B 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	696
GN.60153	GN 278.1-B50-MZ-2-SW	B 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	577

GN 278.1-G-MZ

Code	Description	d1 Bore with sleeve bearing	s	d2	d3	b	k	l1	l2	m	t	z	z Clamping kit	
GN.60158	GN 278.1-G30-MZ-2-SW	G 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	146
GN.60163	GN 278.1-G40-MZ-2-SW	G 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	696
GN.60168	GN 278.1-G50-MZ-2-SW	G 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	577

GN 278.1-B-AV

Code	Description	d1 Bore without sleeve bearing	s	d2	d3	b	k	l1	l2	m	t	z	z Clamping kit	
GN.60141	GN 278.1-B30-AV-2-SW	B 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	149
GN.60146	GN 278.1-B40-AV-2-SW	B 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	688
GN.60151	GN 278.1-B50-AV-2-SW	B 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	579

GN 278.1-G-AV

Code	Description	d1 Bore with sleeve bearing	s	d2	d3	b	k	l1	l2	m	t	z	z Clamping kit	
GN.60156	GN 278.1-G30-AV-2-SW	G 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	149
GN.60161	GN 278.1-G40-AV-2-SW	G 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	688
GN.60166	GN 278.1-G50-AV-2-SW	G 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	579

GN 278.1-B-IV

Code	Description	d1 Bore without sleeve bearing	s	d2	d3	b	k	l1	l2	m	t	z	z Clamping kit	
GN.60142	GN 278.1-B30-IV-2-SW	B 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	141
GN.60147	GN 278.1-B40-IV-2-SW	B 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	683
GN.60152	GN 278.1-B50-IV-2-SW	B 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	563

GN 278.1-G-IV

Code	Description	d1 Bore with sleeve bearing	s	d2	d3	b	k	l1	l2	m	t	z	z Clamping kit	
GN.60157	GN 278.1-G30-IV-2-SW	G 30	13	8.5	M 4	40	40	95	40	43	20	M8-25	GN 911-63 / GN 911-78	141
GN.60162	GN 278.1-G40-IV-2-SW	G 40	17	10.5	M 5	65	65	148	65	70	32.5	M10-50	GN 911-92	683
GN.60167	GN 278.1-G50-IV-2-SW	G 50	17	10.5	M 6	65	65	148	65	70	32.5	M10-50	GN 911-78 / GN 911-92	563