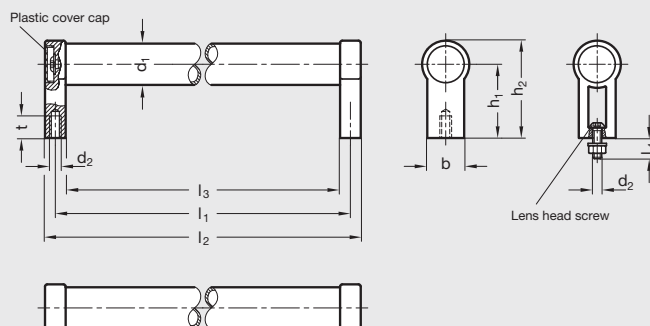


GN 333.1 | Aluminum Tubular Grip Handles

Inch and Metric Size • Straight



ISO 9001 Supplier

RoHS Compliant

Tube

Aluminum, dia. 28 mm x 1.5 mm wall thickness

Handle legs

Zinc die-cast, black powder coated finish

Plastic cover caps

Light gray

Inch sizes available in a matte natural anodized finish or black powder-coated "pebble finish"

Metric sizes available in a matte natural anodized finish or black powder-coated "pebble finish"

Socket button head screws

ISO 7380-M6-20, steel, zinc-plated

Hexagon nuts

ISO 4032-M6, steel, zinc-plated

Washers for Type B

DIN 125, steel, zinc-plated

Type A mounts from the back (blind tapped hole)

Type B mounts from the operator's side (through hole – only for size d1=28)

Handle legs are highly stable in relation to their small dimensions. Tube and legs are secured together with self-tapping screws. Screw heads are covered with plastic cover caps to provide a clean and finished look.

Typical use is on double winged swinging doors and sliding doors on machines.

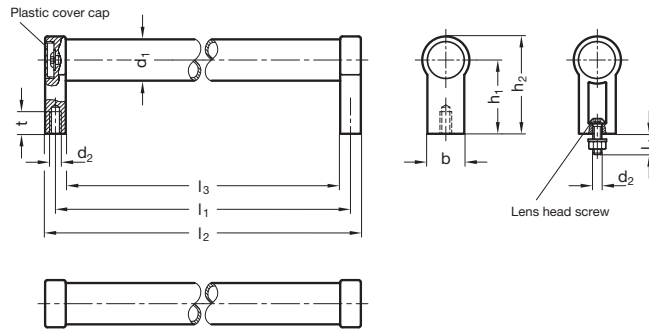
Socket button head screws, hexagon nuts and washers included with Type B versions.

Handles with special tube lengths available upon request.

Inch Table-Type A, Tapped Hole

Dimensions in: inches (millimeters)

Part Number		d ₁	l ₁ ±0.2	d ₂ Tapped	b	h ₁	h ₂	l ₂	l ₃	t min.
Black Coated Finish	Natural Anodized Finish									
28W8D90K	28W8D90/EL	1.10 (28)	8 (203.2)	5/16-18	.98 (25)	1.97 (50)	2.60 (66)	8.5 (217.2)	7.5 (189.2)	.59 (15)
28W10D90K	28W10D90/EL	1.10 (28)	10 (254)	5/16-18	.98 (25)	1.97 (50)	2.60 (66)	10.5 (268)	9.5 (240)	.59 (15)
28W12D90K	28W12D90/EL	1.10 (28)	12 (304.8)	5/16-18	.98 (25)	1.97 (50)	2.60 (66)	12.5 (318.8)	11.5 (290.8)	.59 (15)
28W16D90K	28W16D90/EL	1.10 (28)	16 (406.4)	5/16-18	.98 (25)	1.97 (50)	2.60 (66)	16.5 (420.4)	15.5 (392.4)	.59 (15)
28W20D90K	28W20D90/EL	1.10 (28)	20 (508)	5/16-18	.98 (25)	1.97 (50)	2.60 (66)	20.24 (514)	19.13 (486)	.59 (15)
28W24D90K	28W24D90/EL	1.10 (28)	24 (609.6)	5/16-18	.98 (25)	1.97 (50)	2.60 (66)	24.17 (614)	23.07 (586)	.59 (15)



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Metric Table-Type A, Tapped Hole

Dimensions in: millimeters (inches)

Part Number		d ₁	l ₁ ±0.2	d ₂ Tapped	b	h ₁	h ₂	l ₂	l ₃	t min.
Black Coated Finish	Natural Anodized Finish									
20W180D92K	20W180D92K/EL	20 (.79)	180 (7.09)	M6 x 1.0	24 (.94)	42 (1.65)	54 (2.13)	192 (7.55)	168 (6.61)	12 (.47)
20W200D92K	20W200D92K/EL	20 (.79)	200 (7.87)	M6 x 1.0	24 (.94)	42 (1.65)	54 (2.13)	212 (8.35)	188 (7.40)	12 (.47)
20W250D92K	20W250D92K/EL	20 (.79)	250 (9.84)	M6 x 1.0	24 (.94)	42 (1.65)	54 (2.13)	262 (10.64)	238 (9.37)	12 (.47)
20W300D92K	20W300D92K/EL	20 (.79)	300 (11.81)	M6 x 1.0	24 (.94)	42 (1.65)	54 (2.13)	312 (12.28)	288 (11.34)	12 (.47)
20W400D92K	20W400D92K/EL	20 (.79)	400 (15.75)	M6 x 1.0	24 (.94)	42 (1.65)	54 (2.13)	412 (16.22)	388 (15.28)	12 (.47)
28W200D91K	28W200D91/EL	28 (1.10)	200 (7.87)	M8 x 1.25	25 (.98)	50 (1.97)	66 (2.60)	214 (8.43)	186 (7.32)	15 (.59)
28W250D91K	28W250D91/EL	28 (1.10)	250 (9.84)	M8 x 1.25	25 (.98)	50 (1.97)	66 (2.60)	264 (10.39)	236 (9.29)	15 (.59)
28W300D91K	28W300D91/EL	28 (1.10)	300 (11.81)	M8 x 1.25	25 (.98)	50 (1.97)	66 (2.60)	314 (12.36)	286 (11.26)	15 (.59)
28W400D91K	28W400D91/EL	28 (1.10)	400 (15.75)	M8 x 1.25	25 (.98)	50 (1.97)	66 (2.60)	414 (16.30)	386 (15.20)	15 (.59)
28W500D91K	28W500D91/EL	28 (1.10)	500 (19.69)	M8 x 1.25	25 (.98)	50 (1.97)	66 (2.60)	514 (20.24)	486 (19.13)	15 (.59)
28W600D91K	28W600D91/EL	28 (1.10)	600 (23.62)	M8 x 1.25	25 (.98)	50 (1.97)	66 (2.60)	614 (24.17)	586 (23.07)	15 (.59)

Metric Table-Type B, Through Hole with Hardware

Dimensions in: millimeters (inches)

Part Number		d ₁	l ₁ ±0.2	d ₃ Tapped	b	h ₁	h ₂	l ₂	l ₃	l ₄	t min.
Black Coated Finish	Natural Anodized Finish										
28W200DAAK	28W200DAA/EL	28 (1.10)	200 (7.87)	M6 x 1.0	25 (.98)	50 (1.97)	66 (2.60)	214 (8.43)	186 (7.32)	13 (.51)	15 (.59)
28W250DAAK	28W250DAA/EL	28 (1.10)	250 (9.84)	M6 x 1.0	25 (.98)	50 (1.97)	66 (2.60)	264 (10.39)	236 (9.29)	13 (.51)	15 (.59)
28W300DAAK	28W300DAA/EL	28 (1.10)	300 (11.81)	M6 x 1.0	25 (.98)	50 (1.97)	66 (2.60)	314 (12.36)	286 (11.26)	13 (.51)	15 (.59)
28W400DAAK	28W400DAA/EL	28 (1.10)	400 (15.75)	M6 x 1.0	25 (.98)	50 (1.97)	66 (2.60)	414 (16.30)	386 (15.20)	13 (.51)	15 (.59)
28W500DAAK	28W500DAA/EL	28 (1.10)	500 (19.69)	M6 x 1.0	25 (.98)	50 (1.97)	66 (2.60)	514 (20.24)	486 (19.13)	13 (.51)	15 (.59)
28W600DAAK	28W600DAA/EL	28 (1.10)	600 (23.62)	M6 x 1.0	25 (.98)	50 (1.97)	66 (2.60)	614 (24.17)	586 (23.07)	13 (.51)	15 (.59)