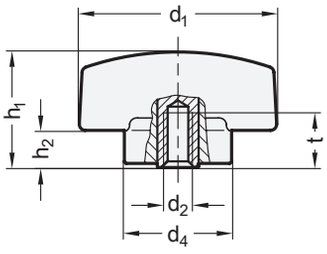
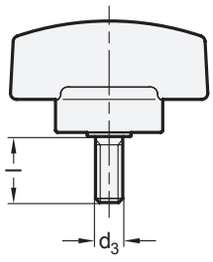
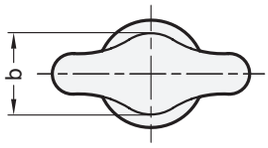
EN 5320 | Torque Limiting Wing Nuts / Screws

Technopolymer Plastic, with Steel Tapped Insert / Threaded Stud

JW WINCO® A Ganter Company







Metric

elesa
Original design CTD

Metric table

Dimensions in: millimeters - *inches*

1 d_1	2 d_2	2 d_3	3 Length l		d_4	b	h_1	h_2	t min.	4 Torque ±15% in Nm	
48 *1.89*	M 5	M 5	10 *0.39*	16 *0.63*	26 *1.02*	20 *0.79*	28 *1.10*	9 *0.35*	8 *0.31*	2	3
48 *1.89*	M 6	M 6	16 *0.63*	25 *0.98*	26 *1.02*	20 *0.79*	28 *1.10*	9 *0.35*	8 *0.31*	2	3

Specification

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- Body
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 176 °F (80 °C)
  - Black, matte finish ● SW
  - Orange, matte finish ● OR
- Torque mechanism
  Steel, nickel plated
- Tapped insert / threaded stud
  Steel, nickel plated
- *Plastic Characteristics → page 2135*
- RoHS compliant

Information

EN 5320 torque limiting wing screws are used when the manually applied torque is to be limited.

When turned clockwise, the torque mechanism of the wing nut / screw triggers an “over-engagement” as soon as the specified torque is reached. When tightening, this ensures that the maximum permissible torque is not exceeded. When turned counter-clockwise, the torque necessary for release will always be transmitted properly.

see also...

- *Torque Limiting Knurled Knobs GN 3663 → page 710*

How to order (Tapped insert)		
1 2 4 5 **EN 5320-48-M5-2-SW**	1	Handle diameter d_1
	2	Thread d_2
	4	Torque
	5	Color

How to order (Threaded stud)		
1 2 3 4 5 **EN 5320-48-M6-16-3-SW**	1	Handle diameter d_1
	2	Thread d_3
	3	Length l
	4	Torque
	5	Color