

Torque Handles

EH 24710.



PRODUCT DESCRIPTION

Torque handles are used wherever a limitation of the exerted hand force is required. The handle, similar to a knurled nut / knurled thumb screw, with integrated torque mechanism allows a defined torque limit during tightening. Reaching the torque results in an "over-locking". For releasing the torque is transmitted indefinitely. These handles combine the functionality of a ratchet wrench with the modern and ergonomic design of a knurled nut / knurled thumb screw.

Material

Cap

- Thermoplastic PA 6, light grey, similar to RAL 7035

Torque mechanism

- Steel, hardened

Handle

- Aluminium, black anodised

Inner part

- Steel, blackened

Screw

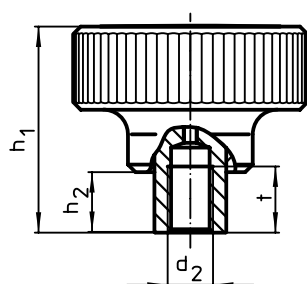
- Steel, blackened

MORE INFORMATION

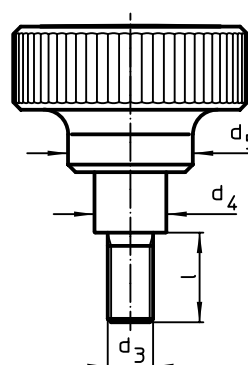
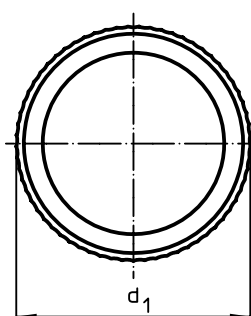
Further products

Three-Lobed Torque Handles → p. 672

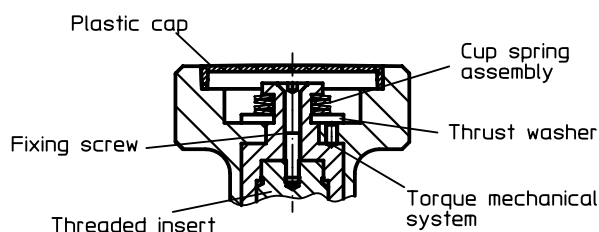
DRAWING



picture 1



picture 2



ORDER INFORMATION

Dimensions										Tightening torque +/- 10% max.		Art. No.
d ₁	d ₂	d ₃	l	d ₄	d ₅	h ₁	h ₂	t				
[mm]									max. [°C]	[Nm]	[g]	
with female thread – picture 1												
34	M 3	–	–	10.0	21	37.5	9.5	7	100	1.0	48	24710.0020
	M 4	–	–	10.0	21	37.5	9.5	9	100	1.0	60	24710.0022
	M 5	–	–	10.0	21	37.5	9.5	9	100	1.0	62	24710.0024
	M 6	–	–	10.0	21	37.5	9.5	9	100	1.0	60	24710.0026
42	M 6	–	–	13.5	27	43.5	11.5	11	100	2.0	111	24710.0030
	M 8	–	–	13.5	27	43.5	11.5	11	100	2.0	112	24710.0032
52	M10	–	–	19.0	32	54.0	15.5	17	100	3.0	221	24710.0040
	M12	–	–	19.0	32	54.0	15.5	17	100	3.0	208	24710.0042
62	M10	–	–	19.0	33	54.0	15.5	17	100	4.0	244	24710.0050
	M12	–	–	19.0	33	54.0	15.5	17	100	4.0	285	24710.0052
	M10	–	–	19.0	33	54.0	15.5	17	100	5.5	245	24710.0060
	M12	–	–	19.0	33	54.0	15.5	17	100	5.5	285	24710.0062



Dimensions									 max. [°C]	Tightening torque +/- 10% max. [Nm]	 [g]	Art. No.
d ₁	d ₂	d ₃	l	d ₄	d ₅	h ₁	h ₂	t				
[mm]												
with screw – picture 2												
34	–	M 5	12	10.0	21	37.5	9.5	–	100	1.0	62	24710.0300
			16	10.0	21	37.5	9.5	–	100	1.0	63	24710.0301
			20	10.0	21	37.5	9.5	–	100	1.0	60	24710.0302
			25	10.0	21	37.5	9.5	–	100	1.0	64	24710.0303
		M 6	32	10.0	21	37.5	9.5	–	100	1.0	65	24710.0304
			12	10.0	21	37.5	9.5	–	100	1.0	60	24710.0305
			16	10.0	21	37.5	9.5	–	100	1.0	65	24710.0306
			20	10.0	21	37.5	9.5	–	100	1.0	65	24710.0307
42	–	M 8	25	10.0	21	37.5	9.5	–	100	1.0	67	24710.0308
			32	10.0	21	37.5	9.5	–	100	1.0	70	24710.0309
		M10	16	13.5	27	43.5	11.5	–	100	2.0	152	24710.0400
			20	13.5	27	43.5	11.5	–	100	2.0	153	24710.0401
			25	13.5	27	43.5	11.5	–	100	2.0	123	24710.0402
			32	13.5	27	43.5	11.5	–	100	2.0	158	24710.0403
			40	13.5	27	43.5	11.5	–	100	2.0	128	24710.0404
			20	13.5	27	43.5	11.5	–	100	2.0	120	24710.0405
			25	13.5	27	43.5	11.5	–	100	2.0	120	24710.0406
			32	13.5	27	43.5	11.5	–	100	2.0	131	24710.0407
			40	13.5	27	43.5	11.5	–	100	2.0	179	24710.0408
			50	13.5	27	43.5	11.5	–	100	2.0	187	24710.0409
52	–	M10	25	19.0	32	54.0	15.5	–	100	3.0	241	24710.0500
			32	19.0	32	54.0	15.5	–	100	3.0	246	24710.0501
			40	19.0	32	54.0	15.5	–	100	3.0	248	24710.0502
			50	19.0	32	54.0	15.5	–	100	3.0	254	24710.0503
			63	19.0	32	54.0	15.5	–	100	3.0	254	24710.0504
		M12	25	19.0	32	54.0	15.5	–	100	3.0	251	24710.0505
			32	19.0	32	54.0	15.5	–	100	3.0	254	24710.0506
			40	19.0	32	54.0	15.5	–	100	3.0	262	24710.0507
			50	19.0	32	54.0	15.5	–	100	3.0	270	24710.0508
			63	19.0	32	54.0	15.5	–	100	3.0	274	24710.0509
62	–	M10	25	19.0	33	54.0	15.5	–	100	4.0	334	24710.0600
			32	19.0	33	54.0	15.5	–	100	4.0	339	24710.0601
			40	19.0	33	54.0	15.5	–	100	4.0	341	24710.0602
			50	19.0	33	54.0	15.5	–	100	4.0	347	24710.0603
			63	19.0	33	54.0	15.5	–	100	4.0	355	24710.0604
		M12	25	19.0	33	54.0	15.5	–	100	4.0	344	24710.0605
			32	19.0	33	54.0	15.5	–	100	4.0	347	24710.0606
			40	19.0	33	54.0	15.5	–	100	4.0	355	24710.0607
			50	19.0	33	54.0	15.5	–	100	4.0	363	24710.0608
			63	19.0	33	54.0	15.5	–	100	4.0	367	24710.0609
		M10	25	19.0	33	54.0	15.5	–	100	5.5	266	24710.0700
			32	19.0	33	54.0	15.5	–	100	5.5	339	24710.0701
			40	19.0	33	54.0	15.5	–	100	5.5	277	24710.0702
			50	19.0	33	54.0	15.5	–	100	5.5	280	24710.0703
			63	19.0	33	54.0	15.5	–	100	5.5	355	24710.0704
		M12	25	19.0	33	54.0	15.5	–	100	5.5	344	24710.0705
			32	19.0	33	54.0	15.5	–	100	5.5	347	24710.0706
			40	19.0	33	54.0	15.5	–	100	5.5	355	24710.0707
			50	19.0	33	54.0	15.5	–	100	5.5	363	24710.0708
			63	19.0	33	54.0	15.5	–	100	5.5	367	24710.0709

Three-Lobed Torque Handles

EH 24711.



PRODUCT DESCRIPTION

Torque handles are used wherever a limitation of the exerted hand force is required. The three-lobed torque handle with integrated torque mechanism allows a defined torque limit during tightening. Reaching the torque results in an "over-locking". For releasing the torque is transmitted indefinitely. These handles combine the functionality of a ratchet wrench with the modern and ergonomic design of a three-lobed handle.

Material

Cap

- Plastic, light grey

Torque mechanism

- Steel, hardened

Handle

- Thermoplastic PA-HP, glass fibre reinforced, black, matt

Inner part

- Steel, blackened

Screw

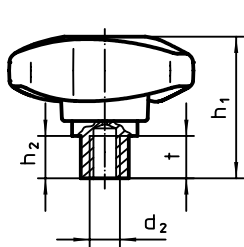
- Steel, blackened

MORE INFORMATION

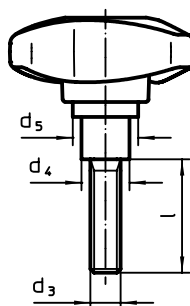
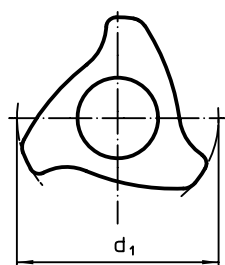
Further products

Torque Handles. → p. 670

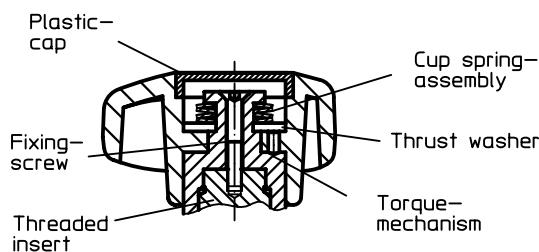
DRAWING



picture 1



picture 2



ORDER INFORMATION

Dimensions									Tightening torque +/- 10% max. [Nm]	 [g]	Art. No.
d ₁	d ₂	d ₃	l	d ₄ [mm]	d ₅	h ₁	h ₂	t			
with female thread – picture 1											
50	M 6	–	–	13.5	23.6	41.6	10.7	11	2.0	65	24711.0020
									3.0	62	24711.0021
									4.0	63	24711.0022
	M 8	–	–	13.5	23.6	41.6	10.7	11	2.0	60	24711.0023
									3.0	60	24711.0024
									4.0	64	24711.0025
63	M 8	–	–	16.0	28.1	46.6	12.9	14	3.2	104	24711.0030
									4.0	105	24711.0031
									4.7	107	24711.0032
	M10	–	–	16.0	28.1	46.6	12.9	14	3.2	103	24711.0033
									4.0	102	24711.0034
									4.7	105	24711.0035



Dimensions									Tightening torque +/- 10% max.		Art. No.
d ₁	d ₂	d ₃	l	d ₄	d ₅	h ₁	h ₂	t			
[mm]									[Nm]	[g]	
80	M10	–	–	19.0	34.1	56.2	16.8	17	4.0	172	24711.0040
									5.5	173	24711.0041
									7.5	174	24711.0042
	M12	–	–	19.0	34.1	56.2	16.8	17	4.0	180	24711.0043
									5.5	168	24711.0044
									7.5	171	24711.0045
with screw – picture 2											
50	–	M 8	16	13.5	23.6	41.6	10.7	–	2.0	72	24711.0300
									3.0	75	24711.0301
									4.0	76	24711.0302
			20	13.5	23.6	41.6	10.7	–	2.0	70	24711.0303
									3.0	73	24711.0304
									4.0	71	24711.0305
			25	13.5	23.6	41.6	10.7	–	2.0	72	24711.0306
									3.0	72	24711.0307
									4.0	73	24711.0308
			32	13.5	23.6	41.6	10.7	–	2.0	77	24711.0309
									3.0	74	24711.0310
									4.0	75	24711.0311
			40	13.5	23.6	41.6	10.7	–	2.0	76	24711.0312
									3.0	76	24711.0313
									4.0	77	24711.0314
		M10	20	13.5	23.6	41.6	10.7	–	2.0	73	24711.0315
									3.0	73	24711.0316
									4.0	74	24711.0317
			25	13.5	23.6	41.6	10.7	–	2.0	76	24711.0318
									3.0	76	24711.0319
									4.0	77	24711.0320
			32	13.5	23.6	41.6	10.7	–	2.0	80	24711.0321
									3.0	80	24711.0322
									4.0	81	24711.0323
			40	13.5	23.6	41.6	10.7	–	2.0	87	24711.0324
									3.0	82	24711.0325
									4.0	83	24711.0326
			50	13.5	23.6	41.6	10.7	–	2.0	87	24711.0327
									3.0	87	24711.0328
									4.0	88	24711.0329
63	–	M 8	25	16.0	28.1	46.6	12.9	–	3.2	116	24711.0400
									4.0	117	24711.0401
									4.7	118	24711.0402
			32	16.0	28.1	46.6	12.9	–	3.2	119	24711.0403
									4.0	120	24711.0404
									4.7	121	24711.0405
			40	16.0	28.1	46.6	12.9	–	3.2	82	24711.0406
									4.0	83	24711.0407
									4.7	83	24711.0408
			50	16.0	28.1	46.6	12.9	–	3.2	128	24711.0409
									4.0	127	24711.0410
									4.7	128	24711.0411
			63	16.0	28.1	46.6	12.9	–	3.2	130	24711.0412
									4.0	131	24711.0413
									4.7	132	24711.0414

→