

CLAMPING AND LOCKING HANDWHEELS

PRECISION AND RELIABILITY
FOR EVERY APPLICATION



The clamping and locking handwheel represents the ideal solution for ensuring secure fastening and precise adjustment in a wide range of industrial and craft applications. Constructed with high-quality materials and featuring an ergonomic design, this handwheel offers optimal control in clamping and locking operations.
Material: PA6 – Polyamide



ROBUST MATERIALS

Made with resistant and durable materials, the handwheel ensures a long operational life and exceptional resistance to daily stress.



ERGONOMIC DESIGN

The ergonomic design of the handwheel offers a comfortable grip and facilitates clamping and locking operations, reducing fatigue during prolonged use.



ADJUSTMENT PRECISION

Equipped with a precise adjustment mechanism, the handwheel allows for accurate setting of the desired tension or locking, ensuring accurate and repeatable results.



APPLICATION VERSATILITY

Ideal for a wide range of applications, the handwheel is suitable for use on industrial machinery, craft tools, laboratory equipment, and more.



SECURE CLAMPING

Thanks to its robust design and reliable locking features, the handwheel ensures secure and stable clamping, minimizing the risk of unwanted movement.

3-LOBE HANDWHEEL
DIAMETER 80
WITH STUD



FILE STEP
available online



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

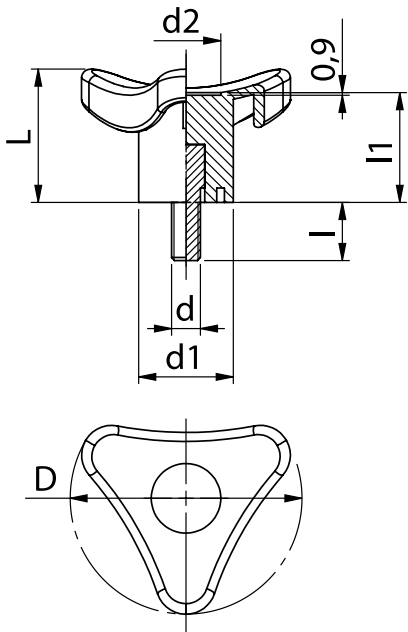
standard color
BLACK

surface
SATIN

insert
GALVANIZED STUD
(THREAD TOLERANCE 6G)

on request
• STAINLESS STEEL PIN

alternative colors
• ORANGE RAL 2004
• BLUE RAL 5015
• YELLOW RAL 1021
• RED RAL 3000
• GREEN RAL 6024
• GREY RAL 7035
• BLACK RAL 9011



CODE __ (+I)	TYPE	D	L	l1	d1	d2	d	__I	WEIGHT G
VOLVZ3PNFN80M8__	3VP/80 M8X15	80	46	37	32,6	24	M8	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	53,5
VOLVZ3PNFN8010__	3VP/80 M10X15	80	46	37	32,6	24	M10	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	63,4

(mm)

3-LOBE HANDWHEEL
DIAMETER 80
WITH THREADED BUSHING



FILE STEP
available online



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

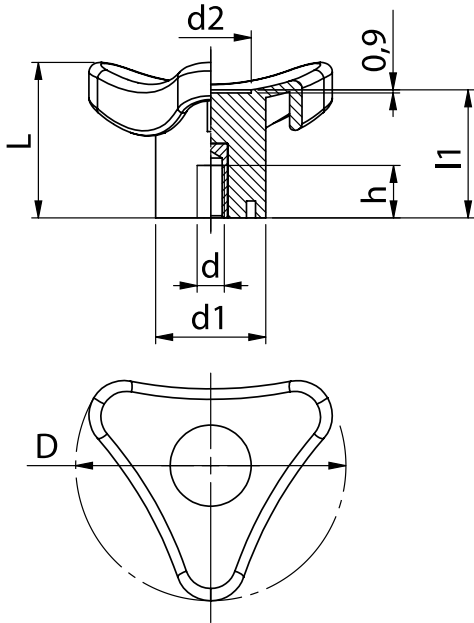
standard color
BLACK

surface
SATIN

insert
BRASS BUSHING
(THREAD TOLERANCE 6G)

on request
• STAINLESS STEEL BUSHING
• GALVANIZED STEEL BUSHING

alternative colors
• ORANGE RAL 2004
• BLUE RAL 5015
• YELLOW RAL 1021
• RED RAL 3000
• GREEN RAL 6024
• GREY RAL 7035
• BLACK RAL 9011



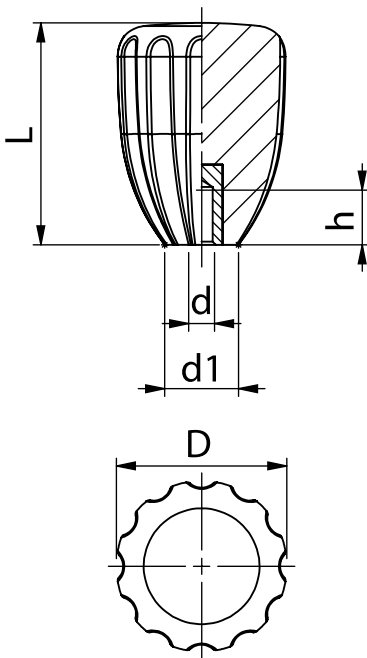
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VOLBF3PNFN80M800	3VB/80 M8	80	46	37	32,6	24	M8	15,5	49,2
VOLBF3PNFN801000	3VB/80 M10	80	46	37	32,6	24	M10	15,5	53,4

(mm)

OVAL HANDWHEEL WITH THREADED BUSHING



FILE STEP
available online



- material

GLASS-FIBER REINFORCED NYLON 6

RESISTANT TO OILS AND GREASES

standard color

BLACK

surface

SATIN

insert

BRASS BUSHING
(THREAD TOLERANCE 6G)
- on request

 - STAINLESS STEEL BUSHING
 - GALVANIZED STEEL BUSHING

alternative colors

 - ORANGE RAL 2004
 - BLUE RAL 5015
 - YELLOW RAL 1021
 - RED RAL 3000
 - GREEN RAL 6024
 - GREY RAL 7035
 - BLACK RAL 9011

CODE	TYPE	D	L	d1	d	h	WEIGHT G
VOLBF0ONFN53M800	VO/52 M8	53	69	M8	23,5	17	25
VOLBF0ONFN531000	VO/52 M10	53	69	M10	23,5	17	28,3

(mm)

5-LOBE HANDWHEEL WITH STUD



FILE STEP
available online



- material

GLASS-FIBER REINFORCED NYLON 6

standard color

BLACK

surface

SATIN

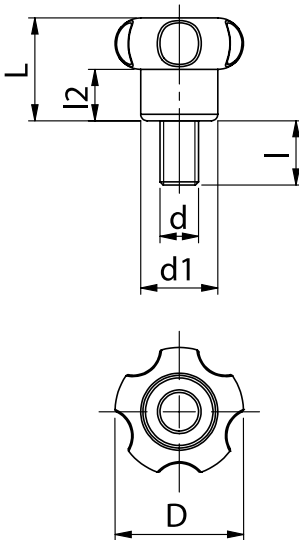
insert

GALVANIZED STUD
- on request

 - STAINLESS STEEL PIN

alternative colors

 - ORANGE RAL 2004
 - BLUE RAL 5015
 - YELLOW RAL 1021
 - RED RAL 3000
 - GREEN RAL 6024
 - GREY RAL 7035
 - BLACK RAL 9011



CODE __ (+I)	TYPE	D	L	d	__I	d1	l2
VOLVZ5LNFN20M4__	5VP/20 M4X10	20	16	M4	10 / 15 / 20 / 25 / 30	12	8
VOLVZ5LNFN20M5__	5VP/20 M5X10	20	16	M5	10 / 15 / 20 / 25 / 30 / 40	12	8
VOLVZ5LNFN20M6__	5VP/20 M6X10	20	16	M6	10 / 15 / 20 / 25 / 30	12	8
VOLVZ5LNFN30M5__	5VP/30 M5X10	30	21,5	M5	10 / 15 / 20 / 25 / 30	17	8,7
VOLVZ5LNFN30M6__	5VP/30 M6X10	30	21,5	M6	10 / 15 / 20 / 25 / 30 / 35 / 40	17	8,7
VOLVZ5LNFN30M8__	5VP/30 M8X10	30	21,5	M8	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50	17	8,7
VOLVZ5LNFN40M6__	5VP/40 M6X10	40	27,5	M6	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	17	12,5
VOLVZ5LNFN40M8__	5VP/40 M8X10	40	27,5	M8	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	17	12,5
VOLVZ5LNFN4010__	5VP/40 M10X15	40	27,5	M10	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	17	12,5
VOLVZ5LNFN50M8__	5VP/50 M8X15	50	31	M8	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	22	11,5
VOLVZ5LNFN5010__	5VP/50 M10X15	50	31	M10	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60 / 65 / 70 / 75 / 80	22	11,5
VOLVZ5LNFN60M8__	5VP/60 M8X15	60	32,5	M8	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	25	9,5
VOLVZ5LNFN6010__	5VP/60 M10X15	60	32,5	M10	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	25	9,5
VOLVZ5LNFN6012__	5VP/60 M12X15	60	32,5	M12	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	25	9,5

(mm)

5-LOBE HANDWHEEL
WITH BLIND THREADED BUSHING



FILE STEP
available online



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

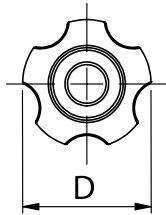
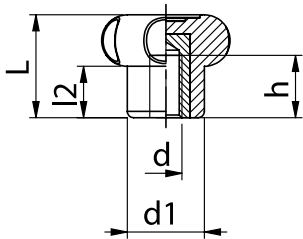
standard color
BLACK

surface
SATIN

insert
BRASS BUSHING
(THREAD TOLERANCE 6G)

on request
• **STAINLESS STEEL BUSHING**
• **GALVANIZED STEEL BUSHING**

alternative colors
• **ORANGE** RAL 2004
• **BLUE** RAL 5015
• **YELLOW** RAL 1021
• **RED** RAL 3000
• **GREEN** RAL 6024
• **GREY** RAL 7035
• **BLACK** RAL 9011



CODE	TYPE	D	L	d	h	d1	l2
VOLBF5LNFN20M400	5VB/20 M4	20	16	M4	9,7	12	8
VOLBF5LNFN20M500	5VB/20 M5	20	16	M5	9,7	12	8
VOLBF5LNFN20M600	5VB/20 M6	20	16	M6	9,7	12	8
VOLBF5LNFN30M500	5VB/30 M5	30	21,5	M5	15	17	8,7
VOLBF5LNFN30M600	5VB/30 M6	30	21,5	M6	15	17	8,7
VOLBF5LNFN30M800	5VB/30 M8	30	21,5	M8	15	17	8,7
VOLBF5LNFN40M500	5VB/40 M5	40	27,5	M5	15,5	17	12,5
VOLBF5LNFN40M600	5VB/40 M6	40	27,5	M6	15,5	17	12,5
VOLBF5LNFN40M800	5VB/40 M8	40	27,5	M8	15,5	17	12,5
VOLBF5LNFN40I1000	5VB/40 M10	40	27,5	M10	15,5	17	12,5
VOLBF5LNFN50M600	5VB/50 M6	50	31	M6	15	22	11,5
VOLBF5LNFN50M800	5VB/50 M8	50	31	M8	15	22	11,5
VOLBF5LNFN50I1000	5VB/50 M10	50	31	M10	15	22	11,5
VOLBF5LNFN50I1200	5VB/50 M12	50	31	M12	15	22	11,5
VOLBF5LNFN60M800	5VB/60 M8	60	32,5	M8	15	25	9,5
VOLBF5LNFN60I1000	5VB/60 M10	60	32,5	M10	15	25	9,5
VOLBF5LNFN60I1200	5VB/60 M12	60	32,5	M12	15	25	9,5

(mm)

5-LOBE HANDWHEEL
WITH THREADED BUSHING
THROUGH HOLE



FILE STEP
available online



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

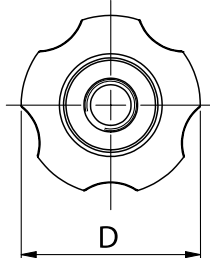
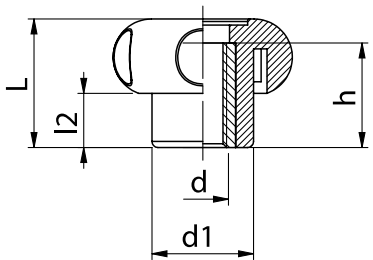
standard color
BLACK

surface
SATIN

insert
BRASS THROUGH HOLE BUSHING
(THREAD TOLERANCE 6G)

on request
• **STAINLESS STEEL BUSHING**
• **GALVANIZED STEEL BUSHING**

alternative colors
• **ORANGE** RAL 2004
• **BLUE** RAL 5015
• **YELLOW** RAL 1021
• **RED** RAL 3000
• **GREEN** RAL 6024
• **GREY** RAL 7035
• **BLACK** RAL 9011



CODE	TYPE	D	L	d	h	d1	l2
VOLBP5LNFN30M500	5VB/30 M5FP	30	21,5	M5	14,5	17	8,7
VOLBP5LNFN30M600	5VB/30 M6FP	30	21,5	M6	16	17	8,7
VOLBP5LNFN30M800	5VB/30 M8FP	30	21,5	M8	17,5	17	8,7
VOLBP5LNFN40M600	5VB/40 M6FP	40	27,5	M6	16	17	12,5
VOLBP5LNFN40M800	5VB/40 M8FP	40	27,5	M8	17,9	17	12,5
VOLBP5LNFN40I1000	5VB/40 M10FP	40	27,5	M10	17	17	12,5
VOLBP5LNFN50M600	5VB/50 M6FP	50	31	M6	16	22	11,7
VOLBP5LNFN50M800	5VB/50 M8FP	50	31	M8	17,5	22	11,7
VOLBP5LNFN50I1000	5VB/50 M10FP	50	31	M10	17	22	11,7
VOLBP5LNFN60M800	5VB/60 M8FP	60	32,5	M8	17,5	25	9,5
VOLBP5LNFN60I1000	5VB/60 M10FP	60	32,5	M10	17	25	9,5
VOLBP5LNFN60I1200	5VB/60 M12FP	60	32,5	M12	21,5	25	9,5

(mm)

6-LOBE HANDWHEEL WITH STUD



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

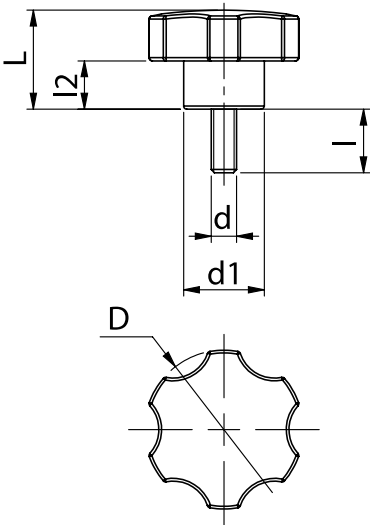
standard color
BLACK

surface
SATIN

insert
GALVANIZED STUD
(THREAD TOLERANCE 6G)

on request
• STAINLESS STEEL PIN

alternative colors
• ORANGE RAL 2004
• BLUE RAL 5015
• YELLOW RAL 1021
• RED RAL 3000
• GREEN RAL 6024
• GREY RAL 7035
• BLACK RAL 9011



CODE __ (+I)	TYPE	D	L	d	__I	d1	l2
VOLVZ6LNFN25M4__	6VPA/25 M4X10	25	15,6	M4	10 / 15 / 20 / 25 / 30 / 35 / 40	12,7	7,6
VOLVZ6LNFN25M5__	6VPA/25 M5X10	25	15,6	M5	10 / 15 / 20 / 25 / 30 / 35 / 40	12,7	7,6
VOLVZ6LNFN25M6__	6VPA/25 M6X10	25	15,6	M6	10 / 15 / 20 / 25 / 30 / 35 / 40	12,7	7,6
VOLVZ6LNFN37M5__	6VPA/35 M5X15	37,5	19	M5	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50	18,3	8
VOLVZ6LNFN37M6__	6VPA/35 M6X10	37,5	19	M6	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	18,3	8
VOLVZ6LNFN37M8__	6VPA/35 M8X10	37,5	19	M8	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	18,3	8
VOLVZ6LNFN37I0__	6VPA/35 10X15	37,5	19	M10	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	18,3	8
VOLVZ6LNFN45M6__	6VPA/45 M6X10	45,5	24	M6	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	21,5	11,5
VOLVZ6LNFN45M8__	6VPA/45 M8X15	45,5	24	M8	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	21,5	11,5
VOLVZ6LNFN45I0__	6VPA/45 M10X15	45,5	24	M10	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	21,5	11,5
VOLVZ6LNFN55M6__	6VPA/55 M6X15	55,5	29,5	M6	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	24,8	16,5
VOLVZ6LNFN55M8__	6VPA/55 M8X15	55,5	29,5	M8	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	24,8	16,5
VOLVZ6LNFN55I0__	6VPA/55 M10X15	55,5	29,5	M10	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	24,8	16,5
VOLVZ6LNFN55I2__	6VPA/55 M12X15	55,5	29,5	M12	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	24,8	16,5

(mm)



FILE STEP
available online

6-LOBE HANDWHEEL WITH BLIND THREADED BUSHING



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

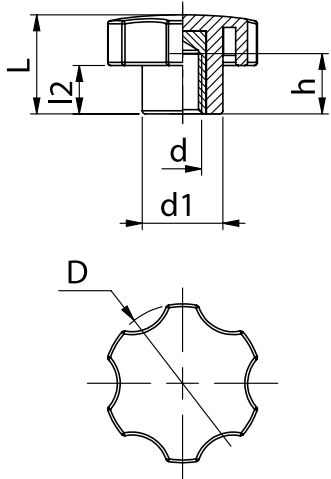
standard color
BLACK

surface
SATIN

insert
BRASS BUSHING
(THREAD TOLERANCE 6G)

on request
• STAINLESS STEEL BUSHING
• GALVANIZED STEEL BUSHING

alternative colors
• ORANGE RAL 2004
• BLUE RAL 5015
• YELLOW RAL 1021
• RED RAL 3000
• GREEN RAL 6024
• GREY RAL 7035
• BLACK RAL 9011



CODE	TYPE	D	L	d	h	d1	l2
VOLBF6LNFN25M500	6VBA/25 M5	25	15,6	M5	9,5	12,7	7,6
VOLBF6LNFN25M600	6VBA/25 M6	25	15,6	M6	9,5	12,7	7,6
VOLBF6LNFN37M500	6VBA/35 M5	37,5	19	M5	10	18,3	8
VOLBF6LNFN37M600	6VBA/35 M6	37,5	19	M6	10	18,3	8
VOLBF6LNFN37M800	6VBA/35 M8	37,5	19	M8	10	18,3	8
VOLBF6LNFN37I000	6VBA/35 M10	37,5	19	M10	10	18,3	8
VOLBF6LNFN45M600	6VBA/45 M6	45,5	24	M6	9,5	21,5	11,5
VOLBF6LNFN45M800	6VBA/45 M8	45,5	24	M8	13,5	21,5	11,5
VOLBF6LNFN45I000	6VBA/45 M10	45,5	24	M10	13,5	21,5	11,5
VOLBF6LNFN55M800	6VBA/55 M8	55,5	29,5	M8	15,5	24,8	16,5
VOLBF6LNFN55I000	6VBA/55 M10	55,5	29,5	M10	15,5	24,8	16,5
VOLBF6LNFN55I200	6VBA/55 M12	55,5	29,5	M12	15,5	24,8	16,5

(mm)



FILE STEP
available online

6-LOBE BAKELITE HANDWHEEL WITH STUD



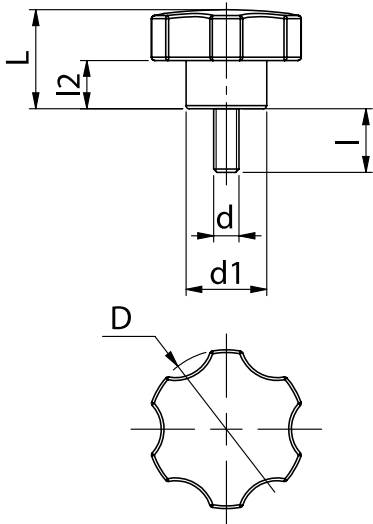
FILE STEP
available online

material
BAKELITE

standard color
BLACK

surface
GLOSSY

insert
**ZINC-PLATED STEEL
THREADED STUD**



CODE __ (+l)	TYPE	D	d1	L	l2	d	l
VOLVZ6LBKN30M5__	zinc stud 6 lobes bakelite 30 m	30	17	25	11	M5	20/ 30 / 40 / 50 / 60
VOLVZ6LBKN40M6__	zinc stud 6 lobes bakelite 40 m	40	21	28	13	M6	20/ 30 / 40 / 50 / 60
VOLVZ6LBKN40M8__	zinc stud 6 lobes bakelite 40 m	40	21	28	13	M8	20/ 30 / 40 / 50 / 60
VOLVZ6LBKN5010__	zinc stud 6 lobes bakelite 50 m	50	23	34	12	M10	20/ 30 / 40 / 50
VOLVZ6LBKN50M8__	zinc stud 6 lobes bakelite 50 m	50	23	34	12	M8	20/ 30 / 40 / 50 / 60
VOLVZ6LBKN6510__	zinc stud 6 lobes bakelite 60,5	60,5	28	40	15	M10	20/ 30 / 40 / 50 / 60
VOLVZ6LBKN6512__	zinc stud 6 lobes bakelite 60,5	60,5	28	40	15	M12	20/ 30 / 40 / 50 / 60
VOLVZ6PBKN5010__	zinc stud 6 lobes bakelite 50	50	23	34	12	M10	60

(mm)

6-LOBE BAKELITE HANDWHEEL WITH BLIND THREADED BUSHING



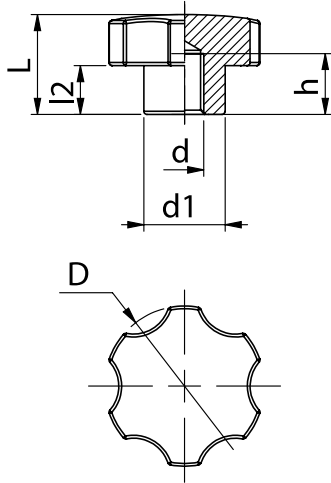
FILE STEP
available online

material
BAKELITE

standard color
BLACK

surface
GLOSSY

insert
BRASS BUSHING



CODE	TYPE	D	d1	L	l2	d	h
VOLBF6LBKN30M500	threaded bushing 6 lobes bakelite	30	17	25	11	M5	10
VOLBF6LBKN40M600	threaded bushing 6 lobes bakelite	40	23	28	13	M6	10
VOLBF6LBKN40M800	threaded bushing 6 lobes bakelite	40	23	28	13	M7	13
VOLBF6LBKN501000	threaded bushing 6 lobes bakelite	50	23	33	13	M10	13
VOLBF6LBKN50M800	threaded bushing 6 lobes bakelite	50	23	33	13	M08	15
VOLBF6LBKN601000	threaded bushing 6 lobes bakelite	60	31	39	18	M10	15
VOLBF6LBKN601200	threaded bushing 6 lobes bakelite	60	31	39	18	M12	13

(mm)

KNURLED HANDWHEEL WITH STUD



FILE STEP
available online



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

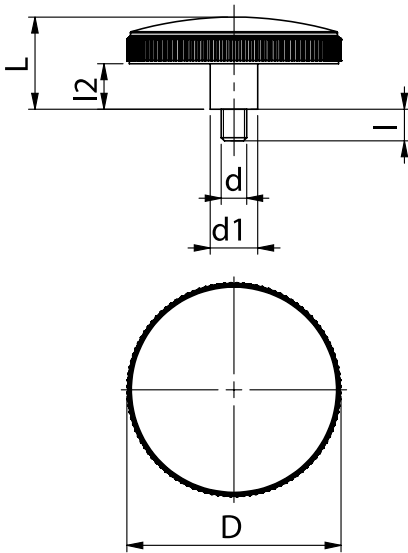
standard color
BLACK

surface
SATIN

insert
GALVANIZED STUD

on request
• **STAINLESS STEEL PIN**

alternative colors
• **ORANGE** RAL 2004
• **BLUE** RAL 5015
• **YELLOW** RAL 1021
• **RED** RAL 3000
• **GREEN** RAL 6024
• **GREY** RAL 7035
• **BLACK** RAL 9011



CODE __ (+I)	TYPE	D	L	d1	l2	d	__I	WEIGHT G
VOLVZ0ZNFN80M8__	VZ2/67 M8X10	67	22,35	14,80	8,35	M8	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	28,2
VOLVZ0ZNFN8010__	VZ2/67 M10X10	67	22,35	14,80	8,35	M10	10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60	28,3

(mm)

KNURLED HANDWHEEL WITH THREADED BUSHING



FILE STEP
available online



material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

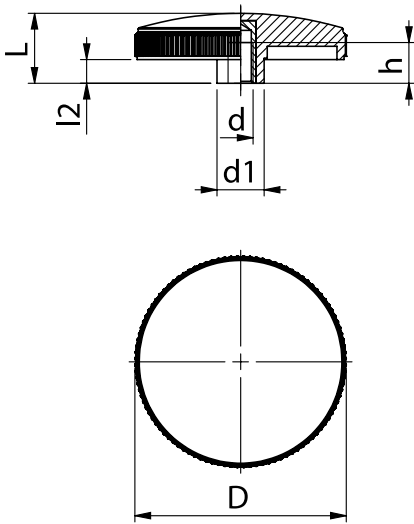
standard color
BLACK

surface
SATIN

insert
BRASS BUSHING

on request
• **STAINLESS STEEL BUSHING**
• **GALVANIZED STEEL BUSHING**

alternative colors
• **ORANGE** RAL 2004
• **BLUE** RAL 5015
• **YELLOW** RAL 1021
• **RED** RAL 3000
• **GREEN** RAL 6024
• **GREY** RAL 7035
• **BLACK** RAL 9011



CODE	TYPE	L	D	d	h	d1	l2	WEIGHT G
VOLBF0ZNFN21M800	VZ1/67 M8	53	21	M8	50	15	8,35	11,1

(mm)

WING KNOB
WITH STUD



FILE STEP
available online

material
GLASS-FIBER REINFORCED NYLON 6
RESISTANT TO OILS AND GREASES

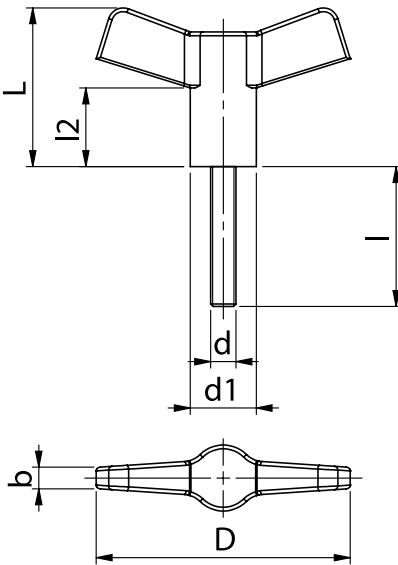
standard color
BLACK

surface
SATIN

insert
GALVANIZED STUD

on request
• STAINLESS STEEL PIN

alternative colors
• ORANGE RAL 2004
• BLUE RAL 5015
• YELLOW RAL 1021
• RED RAL 3000
• GREEN RAL 6024
• GREY RAL 7035
• BLACK RAL 9011



CODE	TYPE	D	L	b	d	l	d1	l2	WEIGHT G
VOLVZ0FNFN001040	VF/110 M10X40	100	62,5	8,6	M10	40	26	31	109,5
VOLVZ0FNFN001045	VF/110 M10X45	100	62,5	8,6	M10	45	26	31	112
VOLVZ0FNFN001050	VF/110 M10X50	100	62,5	8,6	M10	50	26	31	114,5
VOLVZ0FNFN001055	VF/110 M10X55	100	62,5	8,6	M10	55	26	31	117

(mm)

3-SPOKE HANDWHEEL
WITH HUB



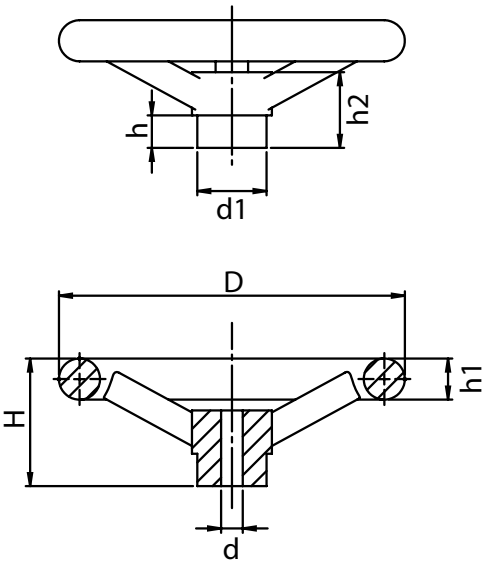
FILE STEP
available online

material
BAKELITE

standard color
BLACK

surface
GLOSSY

insert
STEEL HUB



CODE	TYPE	D	H	h	h2	h1	d	d1
VOL000RBKN00D800	3-SP. HANDW. BAKELITE 100 D800	100	46	14	31	12	8	24
VOL000RBKN12D800	3-SP. HANDW. BAKELITE 120 D800	120	49	15	31	12	8	24
VOL000RBKN141000	3-SP. HANDW. BAKELITE 140 D1000	140	55	17	35	15	10	32
VOL000RBKN161000	3-SP. HANDW. BAKELITE 160 D1000	160	59	19	35	15	10	32
VOL000RBKN181000	3-SP. HANDW. BAKELITE 180 D1000	180	69	23	42	17	10	40
VOL000RBKN201000	3-SP. HANDW. BAKELITE 200 D1000	200	75	24	42	17	10	40
VOL000RBKN251400	3-SP. HANDW. BAKELITE 250 D1400	250	78	28	51	20	14	49
VOL000RBKN301400	3-SP. HANDW. BAKELITE 300 D1400	300	91	30	53	20	14	58

(mm)