

**MATERIAL**Die-cast zinc alloy **ZD**

Epoxy resin coating:

- Black, RAL 9005, textured finish **SW**
- Grey, RAL 9006, matte finish **SR**



Housing for DIN 6885-1 keyway

- P9 for execution GN 210-K
- JS9 for execution GN 210-KK

**CAP**

Polyamide (PA)



- Removable

- Black colour for **SW**- Grey colour for **SR****STANDARD EXECUTIONS**

- **GN 210-B**: without housing for keyway, without locking.
- **GN 210-BK**: without housing for keyway, with locking.
- **GN 210-K**: with housing for keyway, without locking.
- **GN 210-KK**: with housing for keyway, with locking.
- **GN 210-V**: with double square hole, without locking.
- **GN 210-VK**: with double square hole, with locking.

**CYLINDER HEAD SCREWS ISO 4762**

For hole in executions GN 210-BK, GN 210-KK, GN 210-VK

Stainless steel

**FEATURES AND APPLICATIONS**

GN 210 operating levers are used to operate shafts, for example for changing gears, engaging clutches or operating valves and locks.

The torque is transmitted through a geometric coupling with a parallel tongue or square shaft. This ensures a precise angular position between the shaft and the lever. The angular position can be freely defined using control levers with a smooth bore.

Levers with a tab slot or square hole can be secured axially with a countersunk washer.

The locking versions transmit torques and forces without backlash via friction locking and fix the hub axially. They are easy to install and can be adjusted even after installation.

The rotation angle of the operating levers can be maintained with ball and spring pressers or limited with end stop pins.

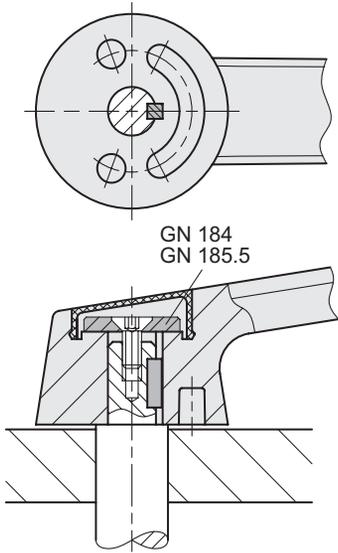


Clamping and torque transmission

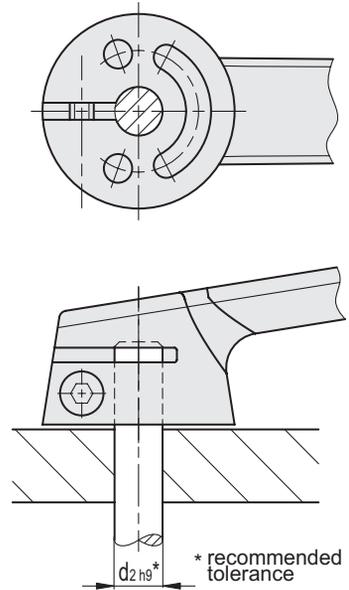
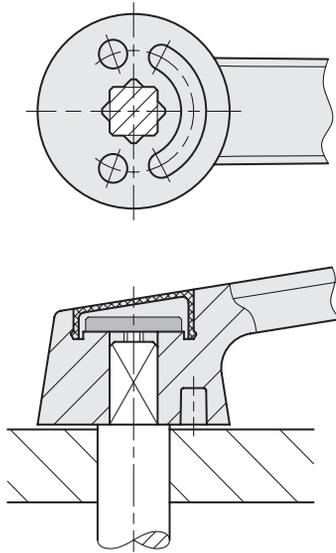
Countersunk washer and parallel keyway

Countersunk washer and square shaft

With locking



GN 184
GN 185.5



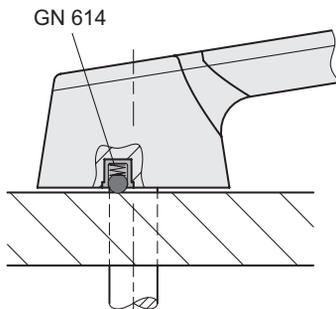
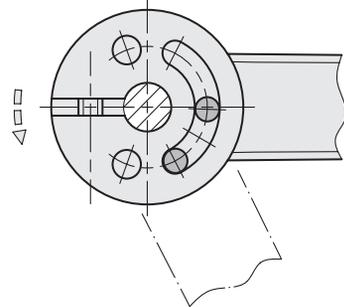
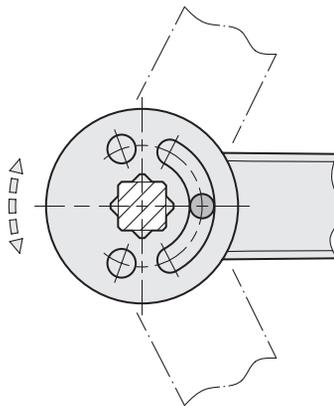
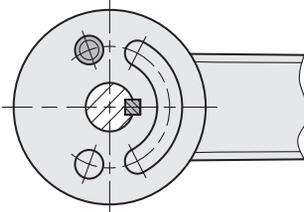
* recommended tolerance

Engagement/Limit of rotation

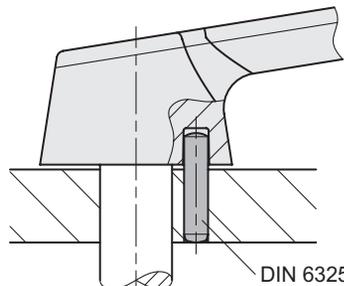
Limit pins in the groove

Spring plunger

Two limit pins in the groove



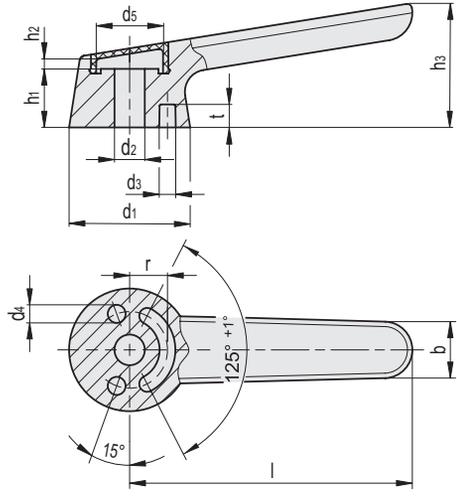
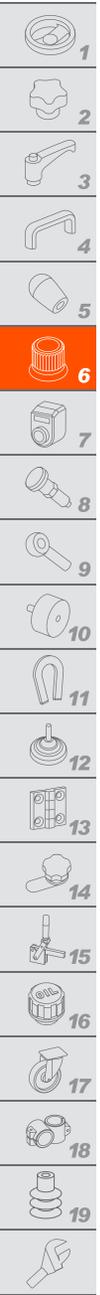
GN 614



DIN 6325

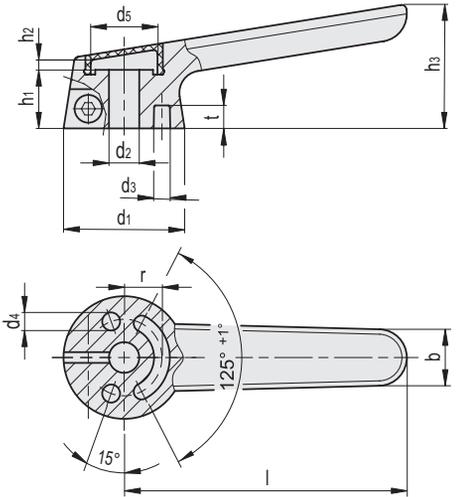
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Control elements



GN 210-B

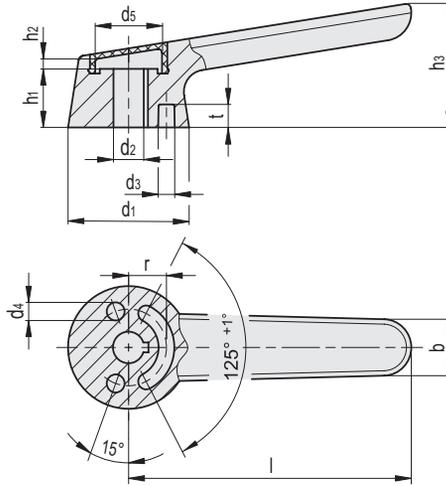
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GN.80471	GN 210-32-B8-N-ZD-SR	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	120
GN.80472	GN 210-32-B8-N-ZD-SW	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	120
GN.80475	GN 210-32-B10-N-ZD-SR	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	120
GN.80476	GN 210-32-B10-N-ZD-SW	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	120
GN.80531	GN 210-40-B10-N-ZD-SR	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80532	GN 210-40-B10-N-ZD-SW	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80535	GN 210-40-B12-N-ZD-SR	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80536	GN 210-40-B12-N-ZD-SW	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80591	GN 210-50-B12-N-ZD-SR	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	455
GN.80592	GN 210-50-B12-N-ZD-SW	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	455
GN.80595	GN 210-50-B14-N-ZD-SR	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	455
GN.80596	GN 210-50-B14-N-ZD-SW	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	455



GN 210-BK

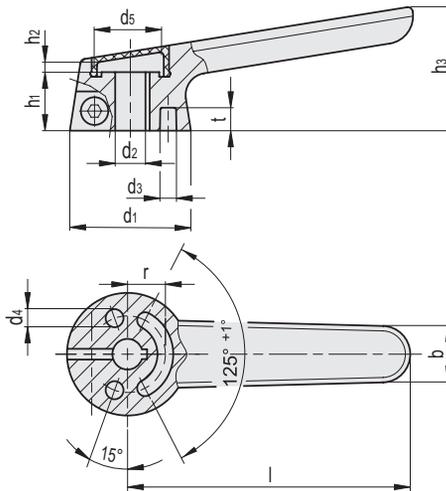
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GN.80481	GN 210-32-BK8-N-ZD-SR	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80482	GN 210-32-BK8-N-ZD-SW	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80485	GN 210-32-BK10-N-ZD-SR	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80486	GN 210-32-BK10-N-ZD-SW	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80541	GN 210-40-BK10-N-ZD-SR	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	229
GN.80542	GN 210-40-BK10-N-ZD-SW	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	229
GN.80545	GN 210-40-BK12-N-ZD-SR	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	229
GN.80546	GN 210-40-BK12-N-ZD-SW	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	229
GN.80601	GN 210-50-BK12-N-ZD-SR	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	10	449
GN.80602	GN 210-50-BK12-N-ZD-SW	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	10	449
GN.80605	GN 210-50-BK14-N-ZD-SR	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	10	449
GN.80606	GN 210-50-BK14-N-ZD-SW	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	10	449

Control elements



GN 210-K

Code	Description	d1	l	d2 H7	b	t	h1 -0.2	h2	h3	d3 +0.2	d4	d5	r	△
GN.80491	GN 210-32-K8-N-ZD-SR	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	119
GN.80492	GN 210-32-K8-N-ZD-SW	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	119
GN.80495	GN 210-32-K10-N-ZD-SR	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	119
GN.80496	GN 210-32-K10-N-ZD-SW	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	119
GN.80551	GN 210-40-K10-N-ZD-SR	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80552	GN 210-40-K10-N-ZD-SW	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80555	GN 210-40-K12-N-ZD-SR	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80556	GN 210-40-K12-N-ZD-SW	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	232
GN.80611	GN 210-50-K12-N-ZD-SR	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	454
GN.80612	GN 210-50-K12-N-ZD-SW	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	454
GN.80615	GN 210-50-K14-N-ZD-SR	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	454
GN.80616	GN 210-50-K14-N-ZD-SW	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	454



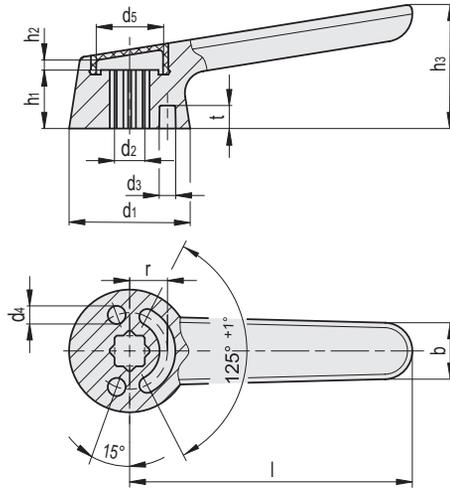
GN 210-KK

Code	Description	d1	l	d2 H7	b	t	h1 -0.2	h2	h3	d3 +0.2	d4	d5	r	MA max [Nm]	△
GN.80501	GN 210-32-KK8-N-ZD-SR	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80502	GN 210-32-KK8-N-ZD-SW	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80505	GN 210-32-KK10-N-ZD-SR	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80506	GN 210-32-KK10-N-ZD-SW	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	117
GN.80561	GN 210-40-KK10-N-ZD-SR	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	228
GN.80562	GN 210-40-KK10-N-ZD-SW	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	228
GN.80565	GN 210-40-KK12-N-ZD-SR	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	228
GN.80566	GN 210-40-KK12-N-ZD-SW	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	228
GN.80621	GN 210-50-KK12-N-ZD-SR	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	10	448
GN.80622	GN 210-50-KK12-N-ZD-SW	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	10	448
GN.80625	GN 210-50-KK14-N-ZD-SR	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	10	448
GN.80626	GN 210-50-KK14-N-ZD-SW	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	10	448



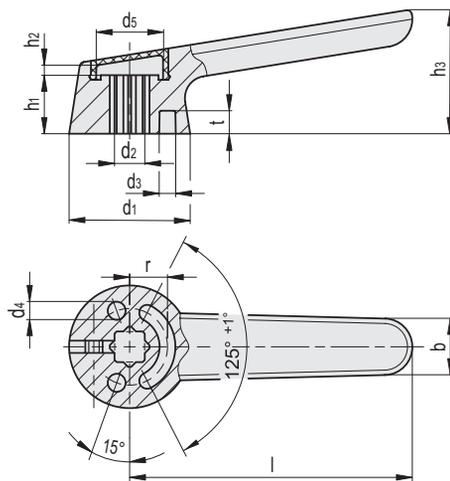
Control elements

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GN 210-V

Code	Description	d1	l	d2 H7	b	t	h1 -0.2	h2	h3	d3 +0.2	d4	d5	r	
GN.80511	GN 210-32-V8-N-ZD-SR	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	117
GN.80512	GN 210-32-V8-N-ZD-SW	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	117
GN.80515	GN 210-32-V10-N-ZD-SR	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	117
GN.80516	GN 210-32-V10-N-ZD-SW	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	117
GN.80571	GN 210-40-V10-N-ZD-SR	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	228
GN.80572	GN 210-40-V10-N-ZD-SW	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	228
GN.80575	GN 210-40-V12-N-ZD-SR	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	228
GN.80576	GN 210-40-V12-N-ZD-SW	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	228
GN.80631	GN 210-50-V12-N-ZD-SR	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	447
GN.80632	GN 210-50-V12-N-ZD-SW	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	447
GN.80635	GN 210-50-V14-N-ZD-SR	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	447
GN.80636	GN 210-50-V14-N-ZD-SW	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	447



GN 210-VK

Code	Description	d1	l	d2 H7	b	t	h1 -0.2	h2	h3	d3 +0.2	d4	d5	r	MA max [Nm]	
GN.80521	GN 210-32-VK8-N-ZD-SR	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	115
GN.80522	GN 210-32-VK8-N-ZD-SW	32	91.5	8	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	115
GN.80525	GN 210-32-VK10-N-ZD-SR	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	115
GN.80526	GN 210-32-VK10-N-ZD-SW	32	91.5	10	15	6	14.9	3.4	36	4.2	4	18.8	10	2.9	115
GN.80581	GN 210-40-VK10-N-ZD-SR	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	225
GN.80582	GN 210-40-VK10-N-ZD-SW	40	114	10	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	225
GN.80585	GN 210-40-VK12-N-ZD-SR	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	225
GN.80586	GN 210-40-VK12-N-ZD-SW	40	114	12	18.5	7.5	19.1	2.8	44	5.2	5	23.6	12.5	5.7	225
GN.80641	GN 210-50-VK12-N-ZD-SR	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	10	442
GN.80642	GN 210-50-VK12-N-ZD-SW	50	142	12	23	9	23.6	4	55	6.2	6	30.5	16	10	442
GN.80645	GN 210-50-VK14-N-ZD-SR	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	10	442
GN.80646	GN 210-50-VK14-N-ZD-SW	50	142	14	23	9	23.6	4	55	6.2	6	30.5	16	10	442

Control elements