



VERSIONS

- Version **Q**: with cross hole
- Version **A**: with axial bore
- Version **W**: with pin

Coding

- **I**: ball element with internal thread
- **S**: ball element with external thread

Identification no.

- **1**: clamping with adjustable hand lever
- **2**: clamping with grub screw

Body, clamping element

Aluminum

- Anodized, natural color **EL**
- Anodized, black **ES**

Ball element

Aluminum, plain finish

Adjustable hand lever (identification no. 1)

Die-cast zinc alloy

Epoxy resin coating

Grey colour, RAL 9006, textured finish

Threaded insert and retaining screw

AISI 303 stainless steel

Grub screw (identification no. 2)

Stainless Steel AISI 304

Socket cap screw DIN 912 (type Q)

Stainless Steel AISI 304

Grub screw DIN 913 (type A)

Stainless Steel AISI 304

FEATURES AND APPLICATIONS

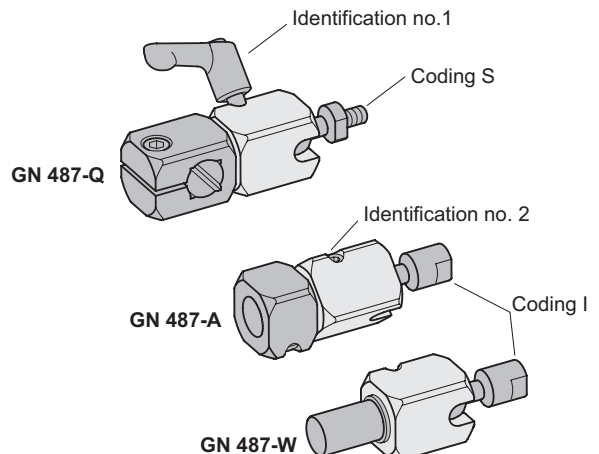
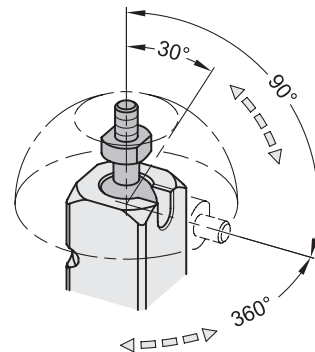
Swivel ball joint mounting clamps GN 487 allow precise and stepless adjustment of the ball pivot within the swivel range. This makes it easy to position and adjust components such as scanners, cameras and lighting.

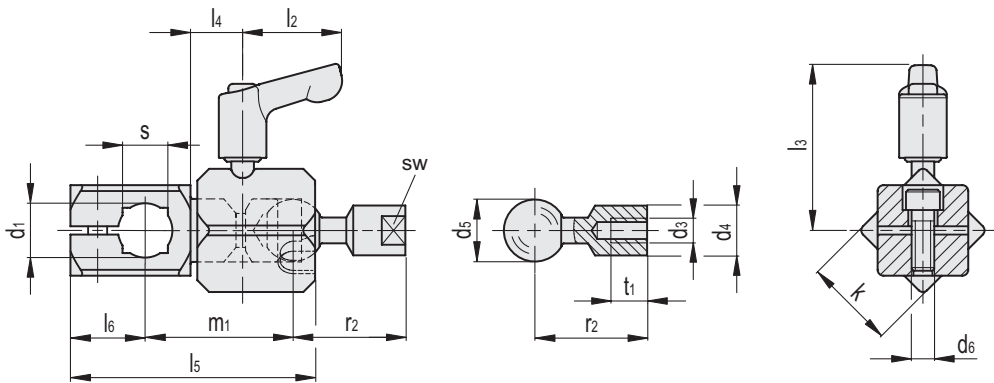
Thanks to the efficient clamping mechanism, even small amounts of tightening torque result in comparatively strong clamping forces on the ball. To readjust the joint, the clamping must be completely released. The hand lever (identification no. 1) can be used to easily operate the clamping mechanism without tools.

For a permanent high stop torque, the contact surfaces of the balls must be kept free of grease. Exceeding the recommended tightening torques increases the stop torque but may result in increased wear of the clamping mechanism.

ON REQUEST

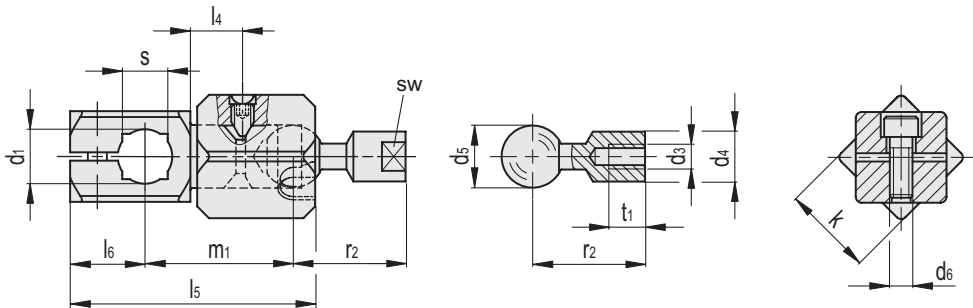
Ball elements with other thread sizes and inch thread (as for swivel ball joints GN 784).





GN 487-Q-I-1

Code	Description	d1	d3	d4	d5	d6	l2	l3	l4	l5	l6	k	m1	r2	s	t1 min	sw	Tightening torque* [Nm]	C# [Nm]	⚖
GN.47409	GN 487-B10-Q-M5-I-1-EL	B 10	M 5	11	14	M 5	22	37	11.5	53	15.5	20	32.7	24.8	8	8	9	1.5	4.5	67
GN.47410	GN 487-B10-Q-M5-I-1-ES	B 10	M 5	11	14	M 5	22	37	11.5	53	15.5	20	32.7	24.8	8	8	9	1.5	4.5	67
GN.47425	GN 487-B12-Q-M5-I-1-EL	B 12	M 5	11	14	M 5	22	37	11.5	54	16.5	20	32.7	24.8	10	8	9	1.5	4.5	66
GN.47426	GN 487-B12-Q-M5-I-1-ES	B 12	M 5	11	14	M 5	22	37	11.5	54	16.5	20	32.7	24.8	10	8	9	1.5	4.5	66
GN.47441	GN 487-B15-Q-M6-I-1-EL	B 15	M 6	14	18	M 6	22	41	14.5	67.6	20	25	41.8	32.5	12	10	12	2.5	6.5	118
GN.47442	GN 487-B15-Q-M6-I-1-ES	B 15	M 6	14	18	M 6	22	41	14.5	67.6	20	25	41.8	32.5	12	10	12	2.5	6.5	118
GN.47457	GN 487-B16-Q-M6-I-1-EL	B 16	M 6	14	18	M 6	22	41	14.5	67.6	20	25	41.8	32.5	-	10	12	2.5	6.5	117
GN.47458	GN 487-B16-Q-M6-I-1-ES	B 16	M 6	14	18	M 6	22	41	14.5	67.6	20	25	41.8	32.5	-	10	12	2.5	6.5	117
GN.47473	GN 487-B20-Q-M8-I-1-EL	B 20	M 8	15	24	M 6	30	50	18.6	81	22	30	51.3	36.5	16	12	13	2.5	10	215
GN.47474	GN 487-B20-Q-M8-I-1-ES	B 20	M 8	15	24	M 6	30	50	18.6	81	22	30	51.3	36.5	16	12	13	2.5	10	215

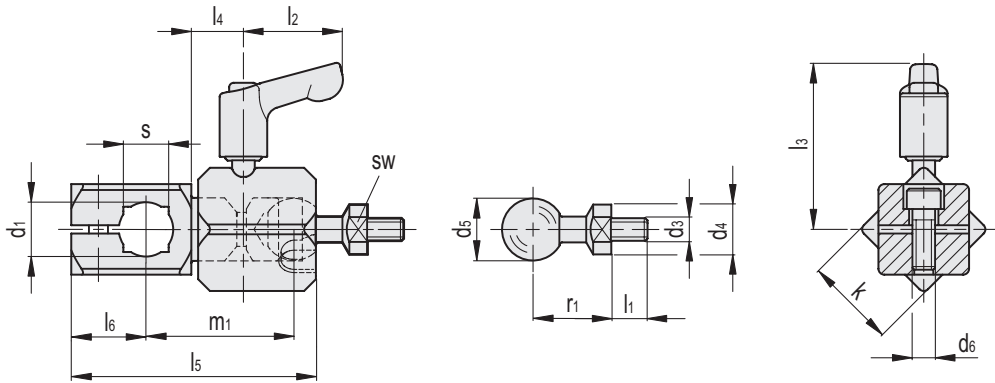


GN 487-Q-I-2

Code	Description	d1	d3	d4	d5	d6	l4	l5	l6	k	m1	r2	s	t1 min	sw	Tightening torque* [Nm]	C# [Nm]	⚖
GN.47411	GN 487-B10-Q-M5-I-2-EL	B 10	M 5	11	14	M 5	11.5	53	15.5	20	32.7	24.8	8	8	9	1.5	4.5	53
GN.47412	GN 487-B10-Q-M5-I-2-ES	B 10	M 5	11	14	M 5	11.5	53	15.5	20	32.7	24.8	8	8	9	1.5	4.5	53
GN.47427	GN 487-B12-Q-M5-I-2-EL	B 12	M 5	11	14	M 5	11.5	54	16.5	20	32.7	24.8	10	8	9	1.5	4.5	52
GN.47428	GN 487-B12-Q-M5-I-2-ES	B 12	M 5	11	14	M 5	11.5	54	16.5	20	32.7	24.8	10	8	9	1.5	4.5	52
GN.47443	GN 487-B15-Q-M6-I-2-EL	B 15	M 6	14	18	M 6	14.5	67.6	20	25	41.8	32.5	12	10	12	2.5	6.5	111
GN.47444	GN 487-B15-Q-M6-I-2-ES	B 15	M 6	14	18	M 6	14.5	67.6	20	25	41.8	32.5	12	10	12	2.5	6.5	111
GN.47459	GN 487-B16-Q-M6-I-2-EL	B 16	M 6	14	18	M 6	14.5	67.6	20	25	41.8	32.5	-	10	12	2.5	6.5	110
GN.47460	GN 487-B16-Q-M6-I-2-ES	B 16	M 6	14	18	M 6	14.5	67.6	20	25	41.8	32.5	-	10	12	2.5	6.5	110
GN.47475	GN 487-B20-Q-M8-I-2-EL	B 20	M 8	15	24	M 6	18.6	81	22	30	51.3	36.5	16	12	13	2.5	10	196
GN.47476	GN 487-B20-Q-M8-I-2-ES	B 20	M 8	15	24	M 6	18.6	81	22	30	51.3	36.5	16	12	13	2.5	10	196

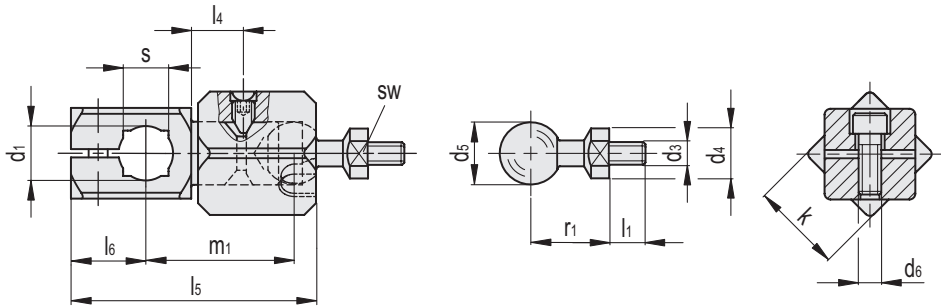
* Recommended tightening torque of the clamping (identification no.)

Resulting stop torque on the ball



GN 487-Q-S-1

Code	Description	d1	d3	d4	d5	d6	l1	l2	l3	l4	l5	l6	k	m1	r1	s	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47413	GN 487-B10-Q-M5-S-1-EL	B 10	M 5	11	14	M 5	8	22	37	11.5	53	15.5	20	32.7	17.3	8	9	1.5	4.5	65
GN.47414	GN 487-B10-Q-M5-S-1-ES	B 10	M 5	11	14	M 5	8	22	37	11.5	53	15.5	20	32.7	17.3	8	9	1.5	4.5	65
GN.47429	GN 487-B12-Q-M5-S-1-EL	B 12	M 5	11	14	M 5	8	22	37	11.5	54	16.5	20	32.7	17.3	10	9	1.5	4.5	64
GN.47430	GN 487-B12-Q-M5-S-1-ES	B 12	M 5	11	14	M 5	8	22	37	11.5	54	16.5	20	32.7	17.3	10	9	1.5	4.5	64
GN.47445	GN 487-B15-Q-M6-S-1-EL	B 15	M 6	14	18	M 6	10	22	41	14.5	67.6	20	25	41.8	21.5	12	12	2.5	6.5	115
GN.47446	GN 487-B15-Q-M6-S-1-ES	B 15	M 6	14	18	M 6	10	22	41	14.5	67.6	20	25	41.8	21.5	12	12	2.5	6.5	115
GN.47461	GN 487-B16-Q-M6-S-1-EL	B 16	M 6	14	18	M 6	10	22	41	14.5	67.6	20	25	41.8	21.5	-	12	2.5	6.5	114
GN.47462	GN 487-B16-Q-M6-S-1-ES	B 16	M 6	14	18	M 6	10	22	41	14.5	67.6	20	25	41.8	21.5	-	12	2.5	6.5	114
GN.47477	GN 487-B20-Q-M8-S-1-EL	B 20	M 8	15	24	M 6	12	30	50	18.6	81	22	30	51.3	30.8	16	13	2.5	10	211
GN.47478	GN 487-B20-Q-M8-S-1-ES	B 20	M 8	15	24	M 6	12	30	50	18.6	81	22	30	51.3	30.8	16	13	2.5	10	211

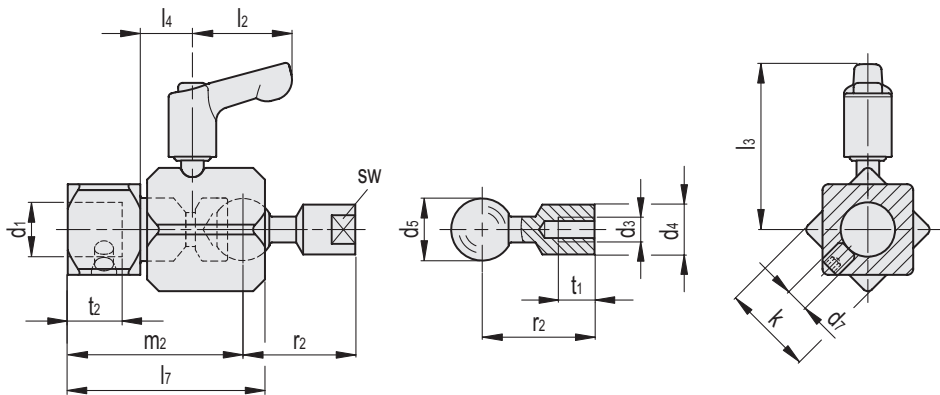


GN 487-Q-S-2

Code	Description	d1	d3	d4	d5	d6	l1	l4	l5	l6	k	m1	r1	s	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47415	GN 487-B10-Q-M5-S-2-EL	B 10	M 5	11	14	M 5	8	11.5	53	15.5	20	32.7	17.3	8	9	1.5	4.5	52
GN.47416	GN 487-B10-Q-M5-S-2-ES	B 10	M 5	11	14	M 5	8	11.5	53	15.5	20	32.7	17.3	8	9	1.5	4.5	52
GN.47431	GN 487-B12-Q-M5-S-2-EL	B 12	M 5	11	14	M 5	8	11.5	54	16.5	20	32.7	17.3	10	9	1.5	4.5	51
GN.47432	GN 487-B12-Q-M5-S-2-ES	B 12	M 5	11	14	M 5	8	11.5	54	16.5	20	32.7	17.3	10	9	1.5	4.5	51
GN.47447	GN 487-B15-Q-M6-S-2-EL	B 15	M 6	14	18	M 6	10	14.5	67.6	20	25	41.8	21.5	12	12	2.5	6.5	108
GN.47448	GN 487-B15-Q-M6-S-2-ES	B 15	M 6	14	18	M 6	10	14.5	67.6	20	25	41.8	21.5	12	12	2.5	6.5	108
GN.47463	GN 487-B16-Q-M6-S-2-EL	B 16	M 6	14	18	M 6	10	14.5	67.6	20	25	41.8	21.5	-	12	2.5	6.5	107
GN.47464	GN 487-B16-Q-M6-S-2-ES	B 16	M 6	14	18	M 6	10	14.5	67.6	20	25	41.8	21.5	-	12	2.5	6.5	107
GN.47479	GN 487-B20-Q-M8-S-2-EL	B 20	M 8	15	24	M 6	12	18.6	81	22	30	51.3	30.8	16	13	2.5	10	192
GN.47480	GN 487-B20-Q-M8-S-2-ES	B 20	M 8	15	24	M 6	12	18.6	81	22	30	51.3	30.8	16	13	2.5	10	192

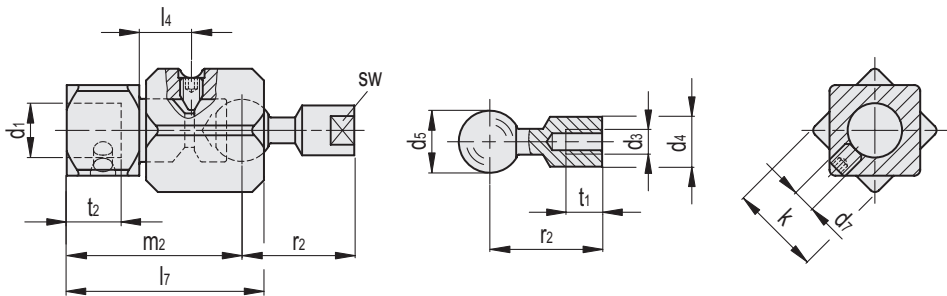
* Recommended tightening torque of the clamping (identification no.)

Resulting stop torque on the ball



GN 487-A-I-1

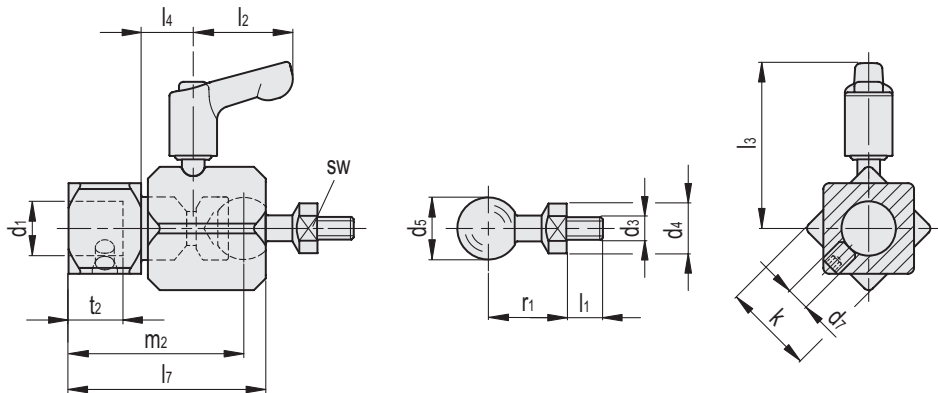
Code	Description	d1	d3	d4	d5	d7	l2	l3	l4	l7	k	m2	r2	t1 min	t2	sw	Tightening torque* [Nm]	C# [Nm]	△
GN.47401	GN 487-B10-A-M5-I-1-EL	B 10	M 5	11	14	M 5	22	37	11.5	42.5	20	37.7	24.8	8	10	9	1.5	4.5	57
GN.47402	GN 487-B10-A-M5-I-1-ES	B 10	M 5	11	14	M 5	22	37	11.5	42.5	20	37.7	24.8	8	10	9	1.5	4.5	57
GN.47417	GN 487-B12-A-M5-I-1-EL	B 12	M 5	11	14	M 5	22	37	11.5	43.5	20	38.7	24.8	8	12	9	1.5	4.5	56
GN.47418	GN 487-B12-A-M5-I-1-ES	B 12	M 5	11	14	M 5	22	37	11.5	43.5	20	38.7	24.8	8	12	9	1.5	4.5	56
GN.47433	GN 487-B15-A-M6-I-1-EL	B 15	M 6	14	18	M 6	22	41	14.5	55.1	25	49.3	32.5	10	15	12	2.5	6.5	100
GN.47434	GN 487-B15-A-M6-I-1-ES	B 15	M 6	14	18	M 6	22	41	14.5	55.1	25	49.3	32.5	10	15	12	2.5	6.5	100
GN.47449	GN 487-B16-A-M6-I-1-EL	B 16	M 6	14	18	M 6	22	41	14.5	55.6	25	49.8	32.5	10	16	12	2.5	6.5	99
GN.47450	GN 487-B16-A-M6-I-1-ES	B 16	M 6	14	18	M 6	22	41	14.5	55.6	25	49.8	32.5	10	16	12	2.5	6.5	99
GN.47465	GN 487-B20-A-M8-I-1-EL	B 20	M 8	15	24	M 6	30	50	18.6	67	30	59.3	36.5	12	16	13	2.5	10	172
GN.47466	GN 487-B20-A-M8-I-1-ES	B 20	M 8	15	24	M 6	30	50	18.6	67	30	59.3	36.5	12	16	13	2.5	10	172



GN 487-A-I-2

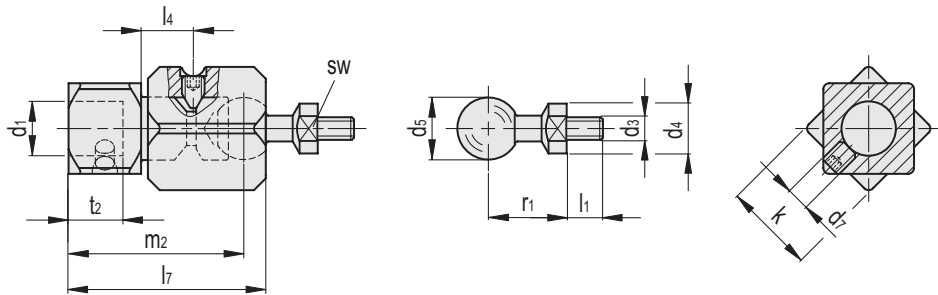
Code	Description	d1	d3	d4	d5	d7	l4	l7	k	m2	r2	t1 min	t2	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47403	GN 487-B10-A-M5-I-2-EL	B 10	M 5	11	14	M 5	11.5	42.5	20	37.7	24.8	8	10	9	1.5	4.5	44
GN.47404	GN 487-B10-A-M5-I-2-ES	B 10	M 5	11	14	M 5	11.5	42.5	20	37.7	24.8	8	10	9	1.5	4.5	44
GN.47419	GN 487-B12-A-M5-I-2-EL	B 12	M 5	11	14	M 5	11.5	43.5	20	38.7	24.8	8	12	9	1.5	4.5	43
GN.47420	GN 487-B12-A-M5-I-2-ES	B 12	M 5	11	14	M 5	11.5	43.5	20	38.7	24.8	8	12	9	1.5	4.5	43
GN.47435	GN 487-B15-A-M6-I-2-EL	B 15	M 6	14	18	M 6	14.5	55.1	25	49.3	32.5	10	15	12	2.5	6.5	93
GN.47436	GN 487-B15-A-M6-I-2-ES	B 15	M 6	14	18	M 6	14.5	55.1	25	49.3	32.5	10	15	12	2.5	6.5	93
GN.47451	GN 487-B16-A-M6-I-2-EL	B 16	M 6	14	18	M 6	14.5	55.6	25	49.8	32.5	10	16	12	2.5	6.5	92
GN.47452	GN 487-B16-A-M6-I-2-ES	B 16	M 6	14	18	M 6	14.5	55.6	25	49.8	32.5	10	16	12	2.5	6.5	92
GN.47467	GN 487-B20-A-M8-I-2-EL	B 20	M 8	15	24	M 6	18.6	67	30	59.3	36.5	12	16	13	2.5	10	153
GN.47468	GN 487-B20-A-M8-I-2-ES	B 20	M 8	15	24	M 6	18.6	67	30	59.3	36.5	12	16	13	2.5	10	153

* Recommended tightening torque of the clamping (identification no.)
Resulting stop torque on the ball



GN 487-A-S-1

Code	Description	d1	d3	d4	d5	d7	l1	l2	l3	l4	l7	k	m2	r1	t2	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47405	GN 487-B10-A-M5-S-1-EL	B 10	M 5	11	14	M 5	8	22	37	11.5	42.5	20	37.7	17.3	10	9	1.5	4.5	56
GN.47406	GN 487-B10-A-M5-S-1-ES	B 10	M 5	11	14	M 5	8	22	37	11.5	42.5	20	37.7	17.3	10	9	1.5	4.5	56
GN.47421	GN 487-B12-A-M5-S-1-EL	B 12	M 5	11	14	M 5	8	22	37	11.5	43.5	20	38.7	17.3	12	9	1.5	4.5	55
GN.47422	GN 487-B12-A-M5-S-1-ES	B 12	M 5	11	14	M 5	8	22	37	11.5	43.5	20	38.7	17.3	12	9	1.5	4.5	55
GN.47437	GN 487-B15-A-M6-S-1-EL	B 15	M 6	14	18	M 6	10	22	41	14.5	55.1	25	49.3	21.5	15	12	2.5	6.5	97
GN.47438	GN 487-B15-A-M6-S-1-ES	B 15	M 6	14	18	M 6	10	22	41	14.5	55.1	25	49.3	21.5	15	12	2.5	6.5	97
GN.47453	GN 487-B16-A-M6-S-1-EL	B 16	M 6	14	18	M 6	10	22	41	14.5	55.6	25	49.8	21.5	16	12	2.5	6.5	96
GN.47454	GN 487-B16-A-M6-S-1-ES	B 16	M 6	14	18	M 6	10	22	41	14.5	55.6	25	49.8	21.5	16	12	2.5	6.5	96
GN.47469	GN 487-B20-A-M8-S-1-EL	B 20	M 8	15	24	M 6	12	30	50	18.6	67	30	59.3	30.8	16	13	2.5	10	168
GN.47470	GN 487-B20-A-M8-S-1-ES	B 20	M 8	15	24	M 6	12	30	50	18.6	67	30	59.3	30.8	16	13	2.5	10	168

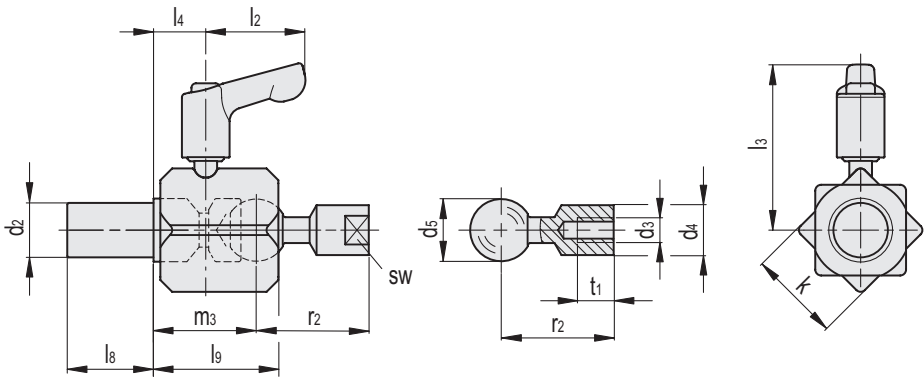


GN 487-A-S-2

Code	Description	d1	d3	d4	d5	d7	l1	l4	l7	k	m2	r1	t2	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47407	GN 487-B10-A-M5-S-2-EL	B 10	M 5	11	14	M 5	8	11.5	42.5	20	37.7	17.3	10	9	1.5	4.5	43
GN.47408	GN 487-B10-A-M5-S-2-ES	B 10	M 5	11	14	M 5	8	11.5	42.5	20	37.7	17.3	10	9	1.5	4.5	43
GN.47423	GN 487-B12-A-M5-S-2-EL	B 12	M 5	11	14	M 5	8	11.5	43.5	20	38.7	17.3	12	9	1.5	4.5	42
GN.47424	GN 487-B12-A-M5-S-2-ES	B 12	M 5	11	14	M 5	8	11.5	43.5	20	38.7	17.3	12	9	1.5	4.5	42
GN.47439	GN 487-B15-A-M6-S-2-EL	B 15	M 6	14	18	M 6	10	14.5	55.1	25	49.3	21.5	15	12	2.5	6.5	90
GN.47440	GN 487-B15-A-M6-S-2-ES	B 15	M 6	14	18	M 6	10	14.5	55.1	25	49.3	21.5	15	12	2.5	6.5	90
GN.47455	GN 487-B16-A-M6-S-2-EL	B 16	M 6	14	18	M 6	10	14.5	55.6	25	49.8	21.5	16	12	2.5	6.5	89
GN.47456	GN 487-B16-A-M6-S-2-ES	B 16	M 6	14	18	M 6	10	14.5	55.6	25	49.8	21.5	16	12	2.5	6.5	89
GN.47471	GN 487-B20-A-M8-S-2-EL	B 20	M 8	15	24	M 6	12	18.6	67	30	59.3	30.8	16	13	2.5	10	149
GN.47472	GN 487-B20-A-M8-S-2-ES	B 20	M 8	15	24	M 6	12	18.6	67	30	59.3	30.8	16	13	2.5	10	149

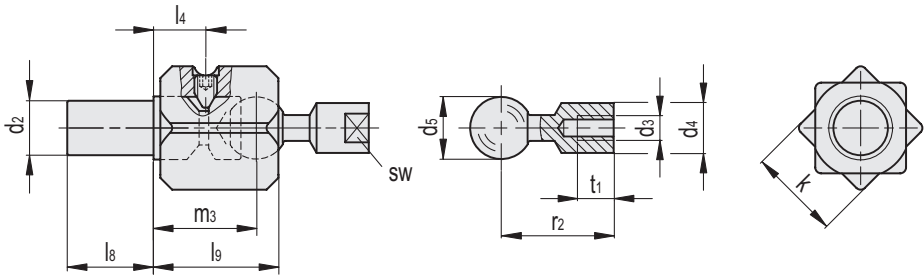
* Recommended tightening torque of the clamping (identification no.)

Resulting stop torque on the ball



GN 487-W-I-1

Code	Description	d2	d3	d4	d5	l2	l3	l4	l8	l9	k	m3	r2	t1	min	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47351	GN 487-10-W-M5-I-1-EL	10	M 5	11	14	22	37	11.5	17	27.5	20	22.7	24.8	8	9	1.5	4.5	48	
GN.47352	GN 487-10-W-M5-I-1-ES	10	M 5	11	14	22	37	11.5	17	27.5	20	22.7	24.8	8	9	1.5	4.5	48	
GN.47359	GN 487-12-W-M5-I-1-EL	12	M 5	11	14	22	37	11.5	19	27.5	20	22.7	24.8	8	9	1.5	4.5	50	
GN.47360	GN 487-12-W-M5-I-1-ES	12	M 5	11	14	22	37	11.5	19	27.5	20	22.7	24.8	8	9	1.5	4.5	50	
GN.47367	GN 487-15-W-M6-I-1-EL	15	M 6	14	18	22	41	14.5	21	35.1	25	29.3	32.5	10	12	2.5	6.5	84	
GN.47368	GN 487-15-W-M6-I-1-ES	15	M 6	14	18	22	41	14.5	21	35.1	25	29.3	32.5	10	12	2.5	6.5	84	
GN.47375	GN 487-16-W-M6-I-1-EL	16	M 6	14	18	22	41	14.5	24	35.1	25	29.3	32.5	10	12	2.5	6.5	87	
GN.47376	GN 487-16-W-M6-I-1-ES	16	M 6	14	18	22	41	14.5	24	35.1	25	29.3	32.5	10	12	2.5	6.5	87	
GN.47383	GN 487-20-W-M8-I-1-EL	20	M 8	15	24	30	50	18.6	26	44	30	36.3	36.5	12	13	2.5	10	154	
GN.47384	GN 487-20-W-M8-I-1-ES	20	M 8	15	24	30	50	18.6	26	44	30	36.3	36.5	12	13	2.5	10	154	

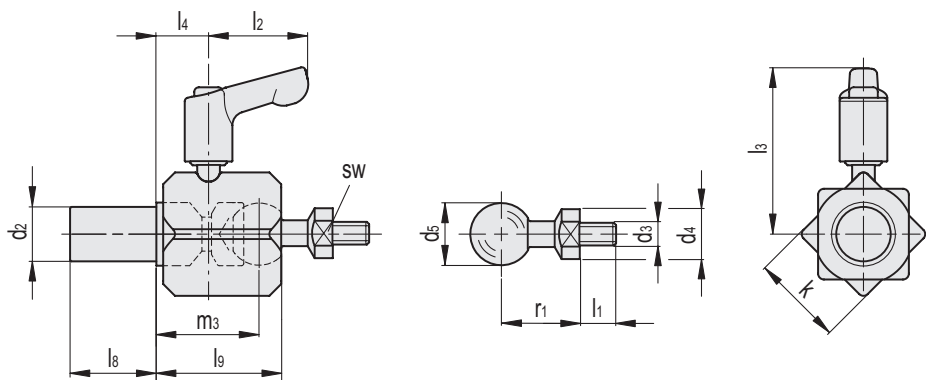


GN 487-W-I-2

Code	Description	d2	d3	d4	d5	l4	l8	l9	k	m3	r2	t1	min	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47353	GN 487-10-W-M5-I-2-EL	10	M 5	11	14	11.5	17	27.5	20	22.7	24.8	8	9	1.5	4.5	34	
GN.47354	GN 487-10-W-M5-I-2-ES	10	M 5	11	14	11.5	17	27.5	20	22.7	24.8	8	9	1.5	4.5	34	
GN.47361	GN 487-12-W-M5-I-2-EL	12	M 5	11	14	11.5	19	27.5	20	22.7	24.8	8	9	1.5	4.5	36	
GN.47362	GN 487-12-W-M5-I-2-ES	12	M 5	11	14	11.5	19	27.5	20	22.7	24.8	8	9	1.5	4.5	36	
GN.47369	GN 487-15-W-M6-I-2-EL	15	M 6	14	18	14.5	21	35.1	25	29.3	32.5	10	12	2.5	6.5	77	
GN.47370	GN 487-15-W-M6-I-2-ES	15	M 6	14	18	14.5	21	35.1	25	29.3	32.5	10	12	2.5	6.5	77	
GN.47377	GN 487-16-W-M6-I-2-EL	16	M 6	14	18	14.5	24	35.1	25	29.3	32.5	10	12	2.5	6.5	80	
GN.47378	GN 487-16-W-M6-I-2-ES	16	M 6	14	18	14.5	24	35.1	25	29.3	32.5	10	12	2.5	6.5	80	
GN.47385	GN 487-20-W-M8-I-2-EL	20	M 8	15	24	18.6	26	44	30	36.3	36.5	12	13	2.5	10	135	
GN.47386	GN 487-20-W-M8-I-2-ES	20	M 8	15	24	18.6	26	44	30	36.3	36.5	12	13	2.5	10	135	

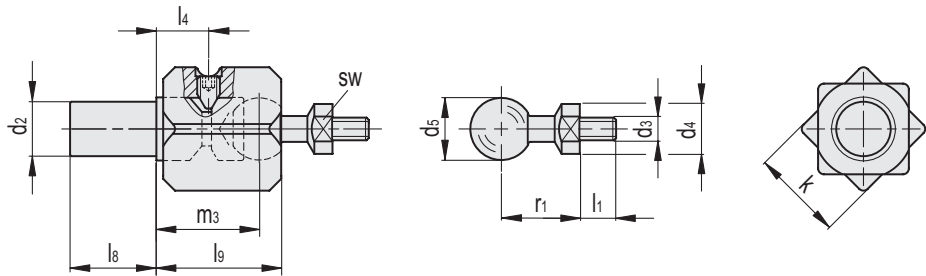
* Recommended tightening torque of the clamping (identification no.)
Resulting stop torque on the ball





GN 487-W-S-1

Code	Description	d2	d3	d4	d5	l1	l2	l3	l4	l8	l9	k	m3	r1	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47355	GN 487-10-W-M5-S-1-EL	10	M 5	11	14	8	22	37	11.5	17	27.5	20	22.7	17.3	9	1.5	4.5	46
GN.47356	GN 487-10-W-M5-S-1-ES	10	M 5	11	14	8	22	37	11.5	17	27.5	20	22.7	17.3	9	1.5	4.5	46
GN.47363	GN 487-12-W-M5-S-1-EL	12	M 5	11	14	8	22	37	11.5	19	27.5	20	22.7	17.3	9	1.5	4.5	48
GN.47364	GN 487-12-W-M5-S-1-ES	12	M 5	11	14	8	22	37	11.5	19	27.5	20	22.7	17.3	9	1.5	4.5	48
GN.47371	GN 487-15-W-M6-S-1-EL	15	M 6	14	18	10	22	41	14.5	21	35.1	25	29.3	21.5	12	2.5	6.5	81
GN.47372	GN 487-15-W-M6-S-1-ES	15	M 6	14	18	10	22	41	14.5	21	35.1	25	29.3	21.5	12	2.5	6.5	81
GN.47379	GN 487-16-W-M6-S-1-EL	16	M 6	14	18	10	22	41	14.5	24	35.1	25	29.3	21.5	12	2.5	6.5	84
GN.47380	GN 487-16-W-M6-S-1-ES	16	M 6	14	18	10	22	41	14.5	24	35.1	25	29.3	21.5	12	2.5	6.5	84
GN.47387	GN 487-20-W-M8-S-1-EL	20	M 8	15	24	12	30	50	18.6	26	44	30	36.3	30.8	13	2.5	10	150
GN.47388	GN 487-20-W-M8-S-1-ES	20	M 8	15	24	12	30	50	18.6	26	44	30	36.3	30.8	13	2.5	10	150



GN 487-W-S-2

Code	Description	d2	d3	d4	d5	l1	l4	l8	l9	k	m3	r1	sw	Tightening torque* [Nm]	C# [Nm]	Δ
GN.47357	GN 487-10-W-M5-S-2-EL	10	M 5	11	14	8	11.5	17	27.5	20	22.7	17.3	9	1.5	4.5	33
GN.47358	GN 487-10-W-M5-S-2-ES	10	M 5	11	14	8	11.5	17	27.5	20	22.7	17.3	9	1.5	4.5	33
GN.47365	GN 487-12-W-M5-S-2-EL	12	M 5	11	14	8	11.5	19	27.5	20	22.7	17.3	9	1.5	4.5	35
GN.47366	GN 487-12-W-M5-S-2-ES	12	M 5	11	14	8	11.5	19	27.5	20	22.7	17.3	9	1.5	4.5	35
GN.47373	GN 487-15-W-M6-S-2-EL	15	M 6	14	18	10	14.5	21	35.1	25	29.3	21.5	12	2.5	6.5	74
GN.47374	GN 487-15-W-M6-S-2-ES	15	M 6	14	18	10	14.5	21	35.1	25	29.3	21.5	12	2.5	6.5	74
GN.47381	GN 487-16-W-M6-S-2-EL	16	M 6	14	18	10	14.5	24	35.1	25	29.3	21.5	12	2.5	6.5	77
GN.47382	GN 487-16-W-M6-S-2-ES	16	M 6	14	18	10	14.5	24	35.1	25	29.3	21.5	12	2.5	6.5	77
GN.47389	GN 487-20-W-M8-S-2-EL	20	M 8	15	24	12	18.6	26	44	30	36.3	30.8	13	2.5	10	131
GN.47390	GN 487-20-W-M8-S-2-ES	20	M 8	15	24	12	18.6	26	44	30	36.3	30.8	13	2.5	10	131

* Recommended tightening torque of the clamping (identification no.)

Resulting stop torque on the ball