

Symbol	Typ	Titel
G	Sektion	PHYSICS
G01	Untersektion	INSTRUMENTS
G01	Klasse	MEASURING; TESTING
G01C	Unterklasse	MEASURING DISTANCES, LEVELS OR BEARINGS; SURVEYING; NAVIGATION; GYROSCOPIC INSTRUMENTS; PHOTOGRAMMETRY OR VIDEOGRAMMETRY (measuring liquid level G01F; radio navigation, determining distance or velocity by use of propagation effects, e.g. Doppler effect, propagation time, of radio waves, analogous arrangements using other waves G01S)
G01C 1/00	Hauptgruppe	Measuring angles [1, 2006.01]
G01C 1/02	1-Punkt Untergruppe	. Theodolites [1, 2006.01]
G01C 1/04	2-Punkt Untergruppe	. . combined with cameras [1, 2006.01]
G01C 1/06	2-Punkt Untergruppe	. . Arrangements for reading scales [1, 2006.01]
G01C 1/08	1-Punkt Untergruppe	. Sextants [1, 2006.01]
G01C 1/10	2-Punkt Untergruppe	. . including an artificial horizon (G01C 1/14 takes precedence) [1, 2006.01]
G01C 1/12	3-Punkt Untergruppe	. . . with a stabilised mirror [1, 2006.01]
G01C 1/14	2-Punkt Untergruppe	. . Periscopic sextants [1, 2006.01]
G01C 3/00	Hauptgruppe	Measuring distances in line of sight; Optical rangefinders (tapes, chains, or wheels for measuring length G01B 3/00; active triangulation systems, i.e. using the transmission and reflection of electromagnetic waves other than radio waves, G01S 17/48) [1, 2006.01]
G01C 3/02	1-Punkt Untergruppe	. Details [1, 2006.01]
G01C 3/04	2-Punkt Untergruppe	. . Adaptation of rangefinders for combination with telescopes or binoculars [1, 2006.01]
G01C 3/06	2-Punkt Untergruppe	. . Use of electric means to obtain final indication [1, 2006.01]
G01C 3/08	3-Punkt Untergruppe	. . . Use of electric radiation detectors [1, 2006.01]
G01C 3/10	1-Punkt Untergruppe	. using a parallactic triangle with variable angles and a base of fixed length in the observation station, e.g. in the instrument [1, 2006.01]
G01C 3/12	2-Punkt Untergruppe	. . with monocular observation at a single point, e.g. coincidence type (G01C 3/20 takes precedence) [1, 2006.01]
G01C 3/14	2-Punkt Untergruppe	. . with binocular observation at a single point, e.g. stereoscopic type (G01C 3/20 takes precedence) [1, 2006.01]
G01C 3/16	3-Punkt Untergruppe	. . . Measuring marks [1, 2006.01]
G01C 3/18	2-Punkt Untergruppe	. . with one observation point at each end of the base (G01C 3/20 takes precedence) [1, 2006.01]
G01C 3/20	2-Punkt Untergruppe	. . with adaptation to the measurement of the height of an object [1, 2006.01]
G01C 3/22	1-Punkt Untergruppe	. using a parallactic triangle with variable angles and a base of fixed length at, near, or formed by, the object [1, 2006.01]
G01C 3/24	1-Punkt Untergruppe	. using a parallactic triangle with fixed angles and a base of variable length in the observation station, e.g. in the instrument [1, 2006.01]
G01C 3/26	1-Punkt Untergruppe	. using a parallactic triangle with fixed angles and a base of variable length at, near, or formed by, the object [1, 2006.01]

Symbol	Typ	Titel
G01C 3/28	2-Punkt Untergruppe	. . with provision for reduction of the distance into the horizontal plane [1, 2006.01]
G01C 3/30	3-Punkt Untergruppe	. . . with adaptation to the measurement of the height of an object, e.g. tacheometers [1, 2006.01]
G01C 3/32	1-Punkt Untergruppe	. by focusing the object, e.g. on a ground glass screen [1, 2006.01]
G01C 5/00	Hauptgruppe	Measuring height; Measuring distances transverse to line of sight; Levelling between separated points; Surveyors' levels (G01C 3/20, G01C 3/30 take precedence) [1, 2006.01]
G01C 5/02	1-Punkt Untergruppe	. involving automatic stabilisation of the line of sight [1, 2006.01]
G01C 5/04	1-Punkt Untergruppe	. Hydrostatic levelling, i.e. by flexibly interconnected liquid containers at separated points [1, 2006.01]
G01C 5/06	1-Punkt Untergruppe	. by using barometric means [1, 2006.01]
G01C 7/00	Hauptgruppe	Tracing profiles (by photogrammetry or videogrammetry G01C 11/00) [1, 2006.01]
G01C 7/02	1-Punkt Untergruppe	. of land surfaces [1, 2006.01]
G01C 7/04	2-Punkt Untergruppe	. . involving a vehicle which moves along the profile to be traced [1, 2006.01]
G01C 7/06	1-Punkt Untergruppe	. of cavities, e.g. tunnels [1, 2006.01]
G01C 9/00	Hauptgruppe	Measuring inclination, e.g. by clinometers, by levels [1, 2006.01]
G01C 9/02	1-Punkt Untergruppe	. Details [1, 2006.01]
G01C 9/04	2-Punkt Untergruppe	. . Transmission means between sensing element and final indicator for giving an enlarged reading [1, 2006.01]
G01C 9/06	2-Punkt Untergruppe	. . Electric or photoelectric indication or reading means [1, 2006.01]
G01C 9/08	2-Punkt Untergruppe	. . Means for compensating acceleration forces due to movement of instrument [1, 2006.01]
G01C 9/10	1-Punkt Untergruppe	. by using rolling bodies [1, 2006.01]
G01C 9/12	1-Punkt Untergruppe	. by using a single pendulum (plumb lines G01C 15/10) [1, 2006.01]
G01C 9/14	2-Punkt Untergruppe	. . movable in more than one direction [1, 2006.01]
G01C 9/16	1-Punkt Untergruppe	. by using more than one pendulum [1, 2006.01]
G01C 9/18	1-Punkt Untergruppe	. by using liquids [1, 2006.01]
G01C 9/20	2-Punkt Untergruppe	. . the indication being based on the inclination of the surface of a liquid relative to its container [1, 2006.01]
G01C 9/22	3-Punkt Untergruppe	. . . with interconnected containers in fixed relation to each other [1, 2006.01]
G01C 9/24	2-Punkt Untergruppe	. . in closed containers partially filled with liquid so as to leave a gas bubble [1, 2006.01]
G01C 9/26	3-Punkt Untergruppe	. . . Details [1, 2006.01]
G01C 9/28	4-Punkt Untergruppe	 Mountings [1, 2006.01]
G01C 9/30	4-Punkt Untergruppe	 Means for adjusting dimensions of bubble [1, 2006.01]
G01C 9/32	4-Punkt Untergruppe	 Means for facilitating the observation of the position of the bubble, e.g. illuminating means [1, 2006.01]
G01C 9/34	3-Punkt Untergruppe	. . . of the tubular type, i.e. for indicating the level in one direction only [1, 2006.01]
G01C 9/36	3-Punkt Untergruppe	. . . of the spherical type, i.e. for indicating the level in all directions [1, 2006.01]
G01C 11/00	Hauptgruppe	Photogrammetry or videogrammetry, e.g. stereogrammetry; Photographic surveying [1, 2006.01]
G01C 11/02	1-Punkt Untergruppe	. Picture-taking arrangements specially adapted for photogrammetry or photographic surveying, e.g. controlling overlapping of pictures [1, 2006.01]

Symbol	Typ	Titel
G01C 11/04	1-Punkt Untergruppe	. Interpretation of pictures [1, 2006.01]
G01C 11/06	2-Punkt Untergruppe	. . by comparison of two or more pictures of the same area [1, 2006.01]
G01C 11/08	3-Punkt Untergruppe	. . . the pictures not being supported in the same relative position as when they were taken [1, 2006.01]
G01C 11/10	4-Punkt Untergruppe	 using computers to control the position of the pictures [1, 2006.01]
G01C 11/12	3-Punkt Untergruppe	. . . the pictures being supported in the same relative position as when they were taken [1, 2006.01]
G01C 11/14	4-Punkt Untergruppe	 with optical projection (G01C 11/26 takes precedence) [1, 2006.01]
G01C 11/16	5-Punkt Untergruppe	 in a common plane [1, 2006.01]
G01C 11/18	6-Punkt Untergruppe	 involving scanning means [1, 2006.01]
G01C 11/20	5-Punkt Untergruppe	 in separate planes [1, 2006.01]
G01C 11/22	4-Punkt Untergruppe	 with mechanical projection (G01C 11/26 takes precedence) [1, 2006.01]
G01C 11/24	4-Punkt Untergruppe	 with optical-mechanical projection (G01C 11/26 takes precedence) [1, 2006.01]
G01C 11/26	4-Punkt Untergruppe	 using computers to control the position of the pictures [1, 2006.01]
G01C 11/28	3-Punkt Untergruppe	. . . Special adaptation for recording picture point data, e.g. for profiles [1, 2006.01]
G01C 11/30	2-Punkt Untergruppe	. . by triangulation [1, 2006.01]
G01C 11/32	3-Punkt Untergruppe	. . . Radial triangulation [1, 2006.01]
G01C 11/34	3-Punkt Untergruppe	. . . Aerial triangulation [1, 2006.01]
G01C 11/36	1-Punkt Untergruppe	. Videogrammetry, i.e. electronic processing of video signals from different sources to give parallax or range information [2006.01]
G01C 13/00	Hauptgruppe	Surveying specially adapted to open water, e.g. sea, lake, river or canal (liquid level metering G01F) [1, 2006.01]
G01C 15/00	Hauptgruppe	Surveying instruments or accessories not provided for in groups G01C 1/00-G01C 13/00 [1, 2006.01]
G01C 15/02	1-Punkt Untergruppe	. Means for marking measuring points [1, 2006.01]
G01C 15/04	2-Punkt Untergruppe	. . Permanent marks; Boundary markers [1, 2006.01]
G01C 15/06	2-Punkt Untergruppe	. . Surveyors' staffs; Movable markers [1, 2006.01]
G01C 15/08	3-Punkt Untergruppe	. . . Plumbing or registering staffs or markers over ground marks [1, 2006.01]
G01C 15/10	1-Punkt Untergruppe	. Plumb lines [1, 2006.01]
G01C 15/12	1-Punkt Untergruppe	. Instruments for setting out fixed angles, e.g. right angles [1, 2006.01]
G01C 15/14	1-Punkt Untergruppe	. Artificial horizons [1, 2006.01]
G01C 17/00	Hauptgruppe	Compasses; Devices for ascertaining true or magnetic north for navigation or surveying purposes (using gyroscopic effect G01C 19/00) [1, 2006.01]
G01C 17/02	1-Punkt Untergruppe	. Magnetic compasses [1, 2006.01]
G01C 17/04	2-Punkt Untergruppe	. . with north-seeking magnetic elements, e.g. needles [1, 2006.01]
G01C 17/06	3-Punkt Untergruppe	. . . Suspending magnetic elements [1, 2006.01]
G01C 17/08	4-Punkt Untergruppe	 by flotation [1, 2006.01]

Symbol	Typ	Titel
G01C 17/10	3-Punkt Untergruppe	. . . Comparing observed direction with north indication [1, 2006.01]
G01C 17/12	4-Punkt Untergruppe	 by sighting means, e.g. for surveyors' compasses [1, 2006.01]
G01C 17/14	4-Punkt Untergruppe	 by reference marks, e.g. for ships' compasses [1, 2006.01]
G01C 17/16	4-Punkt Untergruppe	 by clinometers, e.g. for determining dip or strike of geological strata [1, 2006.01]
G01C 17/18	3-Punkt Untergruppe	. . . Supporting or suspending compasses, e.g. by gimbal, by flotation [1, 2006.01]
G01C 17/20	3-Punkt Untergruppe	. . . Observing the compass card or needle [1, 2006.01]
G01C 17/22	4-Punkt Untergruppe	 by projection [1, 2006.01]
G01C 17/24	4-Punkt Untergruppe	 Illumination [1, 2006.01]
G01C 17/26	4-Punkt Untergruppe	 using electric pick-offs for transmission to final indicator, e.g. photocell [1, 2006.01]
G01C 17/28	2-Punkt Untergruppe	. . Electromagnetic compasses (with north-seeking magnetic elements and having electric pick-offs G01C 17/26) [1, 2006.01]
G01C 17/30	3-Punkt Untergruppe	. . . Earth-inductor compasses [1, 2006.01]
G01C 17/32	3-Punkt Untergruppe	. . . Electron compasses [1, 2006.01]
G01C 17/34	1-Punkt Untergruppe	. Sun- or astro-compasses [1, 2006.01]
G01C 17/36	1-Punkt Untergruppe	. Repeaters for remote indication of readings of a master compass [1, 2006.01]
G01C 17/38	1-Punkt Untergruppe	. Testing, calibrating, or compensating of compasses [1, 2006.01]
G01C 19/00	Hauptgruppe	Gyroscopes; Turn-sensitive devices using vibrating masses; Turn-sensitive devices without moving masses; Measuring angular rate using gyroscopic effects [1, 2006.01, 2013.01]
G01C 19/02	1-Punkt Untergruppe	. Rotary gyroscopes [1, 2006.01]
G01C 19/04	2-Punkt Untergruppe	. . Details [1, 2006.01]
G01C 19/06	3-Punkt Untergruppe	. . . Rotors [1, 2006.01]
G01C 19/08	4-Punkt Untergruppe	 electrically driven (G01C 19/14 takes precedence) [1, 2006.01]
G01C 19/10	5-Punkt Untergruppe	 Power supply [1, 2006.01]
G01C 19/12	4-Punkt Untergruppe	 fluid driven (G01C 19/14 takes precedence) [1, 2006.01]
G01C 19/14	4-Punkt Untergruppe	 Fluid rotors [1, 2006.01]
G01C 19/16	3-Punkt Untergruppe	. . . Suspensions; Bearings [1, 2006.01]
G01C 19/18	4-Punkt Untergruppe	 providing movement of rotor with respect to its rotational axes (G01C 19/20, G01C 19/24 take precedence) [1, 2006.01]
G01C 19/20	4-Punkt Untergruppe	 in fluid [1, 2006.01]
G01C 19/22	4-Punkt Untergruppe	 torsional [1, 2006.01]
G01C 19/24	4-Punkt Untergruppe	 using magnetic or electrostatic fields [1, 2006.01]
G01C 19/26	3-Punkt Untergruppe	. . . Caging, i.e. immobilising moving parts, e.g. for transport [1, 2006.01]
G01C 19/28	3-Punkt Untergruppe	. . . Pick-offs, i.e. devices for taking off an indication of the displacement of the rotor axis [1, 2006.01]

Symbol	Typ	Titel
G01C 19/30	3-Punkt Untergruppe	. . . Erection devices, i.e. devices for restoring rotor axis to a desired position (for instrument indicating the vertical G01C 19/46) [1, 2006.01]
G01C 19/32	3-Punkt Untergruppe	. . . Indicating or recording means specially adapted for rotary gyroscopes [1, 2006.01]
G01C 19/34	2-Punkt Untergruppe	. . for indicating a direction in the horizontal plane, e.g. directional gyroscopes [1, 2006.01]
G01C 19/36	3-Punkt Untergruppe	. . . with north-seeking action by magnetic means, e.g. gyromagnetic compasses [1, 2006.01]
G01C 19/38	3-Punkt Untergruppe	. . . with north-seeking action by other than magnetic means, e.g. gyrocompasses using earth's rotation [1, 2006.01]
G01C 19/40	2-Punkt Untergruppe	. . for control by signals from a master compass, i.e. repeater compasses [1, 2006.01]
G01C 19/42	2-Punkt Untergruppe	. . for indicating rate of turn; for integrating rate of turn [1, 2006.01]
G01C 19/44	2-Punkt Untergruppe	. . for indicating the vertical [1, 2006.01]
G01C 19/46	3-Punkt Untergruppe	. . . Erection devices for restoring rotor axis to a desired position [1, 2006.01]
G01C 19/48	4-Punkt Untergruppe	 operating by electrical means (G01C 19/54 takes precedence) [1, 2006.01]
G01C 19/50	4-Punkt Untergruppe	 operating by mechanical means (G01C 19/54 takes precedence) [1, 2006.01]
G01C 19/52	4-Punkt Untergruppe	 operating by fluid means (G01C 19/54 takes precedence) [1, 2006.01]
G01C 19/54	4-Punkt Untergruppe	 with correction for acceleration forces due to movement of instrument [1, 2006.01]
G01C 19/56	1-Punkt Untergruppe	. Turn-sensitive devices using vibrating masses, e.g. vibratory angular rate sensors based on Coriolis forces [1, 2006.01, 2012.01]
G01C 19/5607	2-Punkt Untergruppe	. . using vibrating tuning forks (double-ended tuning forks using planar vibrating masses suspended at opposite ends G01C 19/5719) [2012.01]
G01C 19/5614	3-Punkt Untergruppe	. . . Signal processing [2012.01]
G01C 19/5621	3-Punkt Untergruppe	. . . the devices involving a micromechanical structure [2012.01]
G01C 19/5628	3-Punkt Untergruppe	. . . Manufacturing; Trimming; Mounting; Housings [2012.01]
G01C 19/5635	2-Punkt Untergruppe	. . using vibrating wires or strings [2012.01]
G01C 19/5642	2-Punkt Untergruppe	. . using vibrating bars or beams [2012.01]
G01C 19/5649	3-Punkt Untergruppe	. . . Signal processing [2012.01]
G01C 19/5656	3-Punkt Untergruppe	. . . the devices involving a micromechanical structure [2012.01]
G01C 19/5663	3-Punkt Untergruppe	. . . Manufacturing; Trimming; Mounting; Housings [2012.01]
G01C 19/567	2-Punkt Untergruppe	. . using the phase shift of a vibration node or antinode [2012.01]
G01C 19/5677	3-Punkt Untergruppe	. . . of essentially two-dimensional vibrators, e.g. ring-shaped vibrators [2012.01]
G01C 19/5684	4-Punkt Untergruppe	 the devices involving a micromechanical structure [2012.01]
G01C 19/5691	3-Punkt Untergruppe	. . . of essentially three-dimensional vibrators, e.g. wine glass-type vibrators [2012.01]
G01C 19/5698	2-Punkt Untergruppe	. . using acoustic waves, e.g. surface acoustic wave gyros [2012.01]
G01C 19/5705	2-Punkt Untergruppe	. . using masses driven in reciprocating rotary motion about an axis [2012.01]
G01C 19/5712	3-Punkt Untergruppe	. . . the devices involving a micromechanical structure [2012.01]

Symbol	Typ	Titel
G01C 19/5719	2-Punkt Untergruppe	. . using planar vibrating masses driven in a translation vibration along an axis [2012.01]
G01C 19/5726	3-Punkt Untergruppe	. . . Signal processing [2012.01]
G01C 19/5733	3-Punkt Untergruppe	. . . Structural details or topology [2012.01]
G01C 19/574	4-Punkt Untergruppe	 the devices having two sensing masses in anti-phase motion [2012.01]
G01C 19/5747	5-Punkt Untergruppe	 each sensing mass being connected to a driving mass, e.g. driving frames [2012.01]
G01C 19/5755	4-Punkt Untergruppe	 the devices having a single sensing mass [2012.01]
G01C 19/5762	5-Punkt Untergruppe	 the sensing mass being connected to a driving mass, e.g. driving frames [2012.01]
G01C 19/5769	3-Punkt Untergruppe	. . . Manufacturing; Mounting; Housings [2012.01]
G01C 19/5776	2-Punkt Untergruppe	. . Signal processing not specific to any of the devices covered by groups G01C 19/5607-G01C 19/5719 [2012.01]
G01C 19/5783	2-Punkt Untergruppe	. . Mountings or housings not specific to any of the devices covered by groups G01C 19/5607-G01C 19/5719 [2012.01]
G01C 19/58	1-Punkt Untergruppe	. Turn-sensitive devices without moving masses [3, 2006.01]
G01C 19/60	2-Punkt Untergruppe	. . Electronic or nuclear magnetic resonance gyrometers [3, 4, 2006.01]
G01C 19/62	3-Punkt Untergruppe	. . . with optical pumping [3, 2006.01]
G01C 19/64	2-Punkt Untergruppe	. . Gyrometers using the Sagnac effect, i.e. rotation-induced shifts between counter-rotating electromagnetic beams [3, 2006.01]
G01C 19/66	3-Punkt Untergruppe	. . . Ring laser gyrometers [5, 2006.01]
G01C 19/68	4-Punkt Untergruppe	 Lock-in prevention [5, 2006.01]
G01C 19/70	5-Punkt Untergruppe	 by mechanical means [5, 2006.01]
G01C 19/72	3-Punkt Untergruppe	. . . with counter-rotating light beams in a passive ring, e.g. fibre laser gyrometers [5, 2006.01]
G01C 21/00	Hauptgruppe	Navigation; Navigational instruments not provided for in groups G01C 1/00-G01C 19/00 (measuring distance traversed on the ground by a vehicle G01C 22/00; control of position, course, altitude or attitude of vehicles G05D 1/00; traffic control systems for road vehicles involving transmission of navigation instructions to the vehicle G08G 1/0968) [1, 2006.01]
G01C 21/02	1-Punkt Untergruppe	. by astronomical means (G01C 21/24, G01C 21/26 take precedence) [1, 7, 2006.01]
G01C 21/04	1-Punkt Untergruppe	. by terrestrial means (G01C 21/24, G01C 21/26 take precedence) [1, 7, 2006.01]
G01C 21/06	2-Punkt Untergruppe	. . involving measuring of drift angle; involving correction for drift [1, 2006.01]
G01C 21/08	2-Punkt Untergruppe	. . involving use of the magnetic field of the earth [1, 2006.01]
G01C 21/10	1-Punkt Untergruppe	. by using measurement of speed or acceleration (G01C 21/24, G01C 21/26 take precedence) [1, 7, 2006.01]
G01C 21/12	2-Punkt Untergruppe	. . executed aboard the object being navigated; Dead reckoning [1, 2006.01]
G01C 21/14	3-Punkt Untergruppe	. . . by recording the course traversed by the object (G01C 21/16 takes precedence) [1, 2006.01]
G01C 21/16	3-Punkt Untergruppe	. . . by integrating acceleration or speed, i.e. inertial navigation [1, 2006.01]
G01C 21/18	4-Punkt Untergruppe	 Stabilised platforms, e.g. by gyroscope [1, 2006.01]
G01C 21/20	1-Punkt Untergruppe	. Instruments for performing navigational calculations (G01C 21/24, G01C 21/26 take precedence) [1, 7, 2006.01]

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G01C 21/22	2-Punkt Untergruppe	. . Plotting boards [1, 2006.01]
G01C 21/24	1-Punkt Untergruppe	. specially adapted for cosmonautical navigation [1, 2006.01]
G01C 21/26	1-Punkt Untergruppe	. specially adapted for navigation in a road network [7, 2006.01]
G01C 21/28	2-Punkt Untergruppe	. . with correlation of data from several navigational instruments [7, 2006.01]
G01C 21/30	3-Punkt Untergruppe	. . . Map- or contour-matching [7, 2006.01]
G01C 21/32	4-Punkt Untergruppe	 Structuring or formatting of map data [7, 2006.01]
G01C 21/34	2-Punkt Untergruppe	. . Route searching; Route guidance [7, 2006.01]
G01C 21/36	3-Punkt Untergruppe	. . . Input/output arrangements for on-board computers [7, 2006.01]
G01C 22/00	Hauptgruppe	Measuring distance traversed on the ground by vehicles, persons, animals or other moving solid bodies, e.g. using odometers or using pedometers [1, 2006.01]
G01C 22/02	1-Punkt Untergruppe	. by conversion into electric waveforms and subsequent integration, e.g. using tachometer generator [1, 2006.01]
G01C 23/00	Hauptgruppe	Combined instruments indicating more than one navigational value, e.g. for aircraft; Combined measuring devices for measuring two or more variables of movement, e.g. distance, speed, acceleration [1, 2006.01]
G01C 25/00	Hauptgruppe	Manufacturing, calibrating, cleaning, or repairing instruments or devices referred to in the other groups of this subclass (testing, calibrating, or compensating compasses G01C 17/38) [1, 2006.01]