

Symbol	Typ	Titel
G	Sektion	PHYSICS
G01	Untersektion	INSTRUMENTS
G01	Klasse	MEASURING; TESTING
G01M	Unterklasse	TESTING STATIC OR DYNAMIC BALANCE OF MACHINES OR STRUCTURES; TESTING OF STRUCTURES OR APPARATUS, NOT OTHERWISE PROVIDED FOR
G01M 1/00	Hauptgruppe	Testing static or dynamic balance of machines or structures [1, 2006.01]
G01M 1/02	1-Punkt Untergruppe	. Details of balancing machines or devices [1, 2006.01]
G01M 1/04	2-Punkt Untergruppe	... Adaptation of bearing support assemblies for receiving the body to be tested [1, 2006.01]
G01M 1/06	2-Punkt Untergruppe	... Adaptation of drive assemblies for receiving the body to be tested [1, 2006.01]
G01M 1/08	2-Punkt Untergruppe	... Instruments for indicating directly the magnitude and phase of the unbalance [1, 2006.01]
G01M 1/10	1-Punkt Untergruppe	. Determining the moment of inertia [1, 2006.01]
G01M 1/12	1-Punkt Untergruppe	. Static balancing; Determining position of centre of gravity (by determining unbalance G01M 1/14) [1, 2006.01]
G01M 1/14	1-Punkt Untergruppe	. Determining unbalance (G01M 1/30, G01M 1/38 take precedence) [1, 2006.01]
G01M 1/16	2-Punkt Untergruppe	... by oscillating or rotating the body to be tested [1, 2006.01]
G01M 1/18	3-Punkt Untergruppe	... and running the body down from a speed greater than normal [1, 2006.01]
G01M 1/20	3-Punkt Untergruppe	... and applying external forces compensating forces due to unbalance [1, 2006.01]
G01M 1/22	3-Punkt Untergruppe	... and converting vibrations due to unbalance into electric variables [1, 2006.01]
G01M 1/24	3-Punkt Untergruppe	... Performing balancing on elastic shafts, e.g. for crankshafts [1, 2006.01]
G01M 1/26	3-Punkt Untergruppe	... with special adaptations for marking, e.g. by drilling [1, 2006.01]
G01M 1/28	3-Punkt Untergruppe	... with special adaptations for determining unbalance of the body <u>in situ</u> , e.g. of vehicle wheels [1, 2006.01]
G01M 1/30	1-Punkt Untergruppe	. Compensating unbalance (G01M 1/38 takes precedence) [1, 2006.01]
G01M 1/32	2-Punkt Untergruppe	... by adding material to the body to be tested, e.g. by correcting-weights [1, 2006.01]
G01M 1/34	2-Punkt Untergruppe	... by removing material from the body to be tested, e.g. from the tread of tyres [1, 2006.01]
G01M 1/36	2-Punkt Untergruppe	... by adjusting position of masses built-in the body to be tested [1, 2006.01]
G01M 1/38	1-Punkt Untergruppe	. Combined machines or devices for both determining and correcting unbalance [1, 2006.01]
G01M 3/00	Hauptgruppe	Investigating fluid tightness of structures [1, 2006.01]
G01M 3/02	1-Punkt Untergruppe	. by using fluid or vacuum [1, 2006.01]
G01M 3/04	2-Punkt Untergruppe	... by detecting the presence of fluid at the leakage point [1, 2006.01]
G01M 3/06	3-Punkt Untergruppe	... by observing bubbles in a liquid pool [1, 2006.01]
G01M 3/08	4-Punkt Untergruppe for pipes, cables, or tubes; for pipe joints or seals; for valves [1, 2006.01]
G01M 3/10	4-Punkt Untergruppe for containers, e.g. radiators [1, 2006.01]
G01M 3/12	3-Punkt Untergruppe	... by observing elastic covers or coatings, e.g. soapy water [1, 2006.01]

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G01M 3/14	4-Punkt Untergruppe for pipes, cables, or tubes; for pipe joints or seals; for valves [1, 2006.01]
G01M 3/16	3-Punkt Untergruppe	... using electric detection means (G01M 3/06, G01M 3/12, G01M 3/20, G01M 3/24, G01M 3/26 take precedence) [1, 2006.01]
G01M 3/18	4-Punkt Untergruppe for pipes, cables, or tubes; for pipe joints or seals; for valves [1, 2006.01]
G01M 3/20	3-Punkt Untergruppe	... using special tracer materials, e.g. dye, fluorescent material, radioactive material [1, 2006.01]
G01M 3/22	4-Punkt Untergruppe for pipes, cables, or tubes; for pipe joints or seals; for valves [1, 2006.01]
G01M 3/24	3-Punkt Untergruppe	... using infrasonic, sonic, or ultrasonic vibrations [1, 2006.01]
G01M 3/26	2-Punkt Untergruppe	.. by measuring rate of loss or gain of fluid, e.g. by pressure-responsive devices, by flow detectors [1, 2, 2006.01]
G01M 3/28	3-Punkt Untergruppe	... for pipes, cables, or tubes; for pipe joints or seals; for valves [1, 2, 2006.01]
G01M 3/30	4-Punkt Untergruppe using progressive displacement of one fluid by another [1, 2, 2006.01]
G01M 3/32	3-Punkt Untergruppe	... for containers, e.g. radiators [1, 2, 2006.01]
G01M 3/34	4-Punkt Untergruppe by testing the possibility of maintaining the vacuum in containers, e.g. in can-testing machines [1, 2, 2006.01]
G01M 3/36	2-Punkt Untergruppe	.. by detecting change in dimensions of the structure being tested [1, 2006.01]
G01M 3/38	1-Punkt Untergruppe	. by using light (G01M 3/02 takes precedence) [1, 2006.01]
G01M 3/40	1-Punkt Untergruppe	. by using electric means, e.g. by observing electric discharges [1, 2006.01]
G01M 5/00	Hauptgruppe	Investigating the elasticity of structures, e.g. deflection of bridges or aircraft wings (G01M 9/00 takes precedence) [1, 2006.01]
G01M 7/00	Hauptgruppe	Vibration-testing of structures; Shock-testing of structures (G01M 9/00 takes precedence) [1, 2006.01]
G01M 7/02	1-Punkt Untergruppe	. Vibration-testing [5, 2006.01]
G01M 7/04	2-Punkt Untergruppe	.. Monodirectional test stands [5, 2006.01]
G01M 7/06	2-Punkt Untergruppe	.. Multidirectional test stands [5, 2006.01]
G01M 7/08	1-Punkt Untergruppe	. Shock-testing [5, 2006.01]
G01M 9/00	Hauptgruppe	Aerodynamic testing; Arrangements in or on wind tunnels [1, 2006.01]
G01M 9/02	1-Punkt Untergruppe	. Wind tunnels [5, 2006.01]
G01M 9/04	2-Punkt Untergruppe	.. Details [5, 2006.01]
G01M 9/06	1-Punkt Untergruppe	. Measuring arrangements specially adapted for aerodynamic testing [5, 2006.01]
G01M 9/08	1-Punkt Untergruppe	. Aerodynamic models [5, 2006.01]
G01M 10/00	Hauptgruppe	Hydrodynamic testing; Arrangements in or on ship-testing tanks or water tunnels [1, 2006.01]
G01M 11/00	Hauptgruppe	Testing of optical apparatus; Testing structures by optical methods not otherwise provided for [1, 2006.01]
G01M 11/02	1-Punkt Untergruppe	. Testing of optical properties [1, 2006.01]
G01M 11/04	2-Punkt Untergruppe	.. Optical benches [1, 2006.01]
G01M 11/06	2-Punkt Untergruppe	.. Testing of alignment of vehicle head-light devices [1, 2006.01]
G01M 11/08	1-Punkt Untergruppe	. Testing of mechanical properties [1, 2006.01]

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G01M 13/00	Hauptgruppe	Testing of machine parts [1, 2006.01]
G01M 13/02	1-Punkt Untergruppe	. Testing of gearing or of transmission mechanisms [1, 2006.01]
G01M 13/04	1-Punkt Untergruppe	. Testing of bearings [1, 2006.01]
G01M 15/00	Hauptgruppe	Testing of engines [1, 4, 2006.01]
G01M 15/02	1-Punkt Untergruppe	. Details or accessories of testing apparatus [2006.01]
G01M 15/04	1-Punkt Untergruppe	. Testing of internal-combustion engines, e.g. diagnostic testing of piston engines [2006.01]
G01M 15/05	2-Punkt Untergruppe	.. by combined monitoring of two or more different engine parameters [2006.01]
G01M 15/06	2-Punkt Untergruppe	.. by monitoring positions of pistons or cranks [2006.01]
G01M 15/08	2-Punkt Untergruppe	.. by monitoring pressure in cylinders [2006.01]
G01M 15/09	2-Punkt Untergruppe	.. by monitoring pressure in fluid ducts, e.g. in lubrication or cooling parts [2006.01]
G01M 15/10	2-Punkt Untergruppe	.. by monitoring exhaust gases [2006.01]
G01M 15/11	2-Punkt Untergruppe	.. by detecting misfire [2006.01]
G01M 15/12	2-Punkt Untergruppe	.. by monitoring vibrations [2006.01]
G01M 15/14	1-Punkt Untergruppe	. Testing of gas-turbine plants or jet-propulsion plants [2006.01]
G01M 17/00	Hauptgruppe	Testing of vehicles (G01M 15/00 takes precedence; testing fluid tightness G01M 3/00; testing elastic properties of bodies or chassis, e.g. torsion-testing, G01M 5/00; testing alignment of vehicle head-lighting devices G01M 11/06) [1, 2006.01]
G01M 17/007	1-Punkt Untergruppe	. of wheeled or endless-tracked vehicles (G01M 17/08 takes precedence) [6, 2006.01]
G01M 17/013	2-Punkt Untergruppe	.. of wheels [6, 2006.01]
G01M 17/02	2-Punkt Untergruppe	.. of tyres [1, 6, 2006.01]
G01M 17/03	2-Punkt Untergruppe	.. of endless-tracks [6, 2006.01]
G01M 17/04	2-Punkt Untergruppe	.. of suspension or of damping [1, 6, 2006.01]
G01M 17/06	2-Punkt Untergruppe	.. of steering behaviour; of rolling behaviour [1, 6, 2006.01]
G01M 17/08	1-Punkt Untergruppe	. of railway vehicles [6, 2006.01]
G01M 17/10	2-Punkt Untergruppe	.. of suspensions, axles or wheels [6, 2006.01]
G01M 99/00	Hauptgruppe	Subject matter not provided for in other groups of this subclass [2011.01]