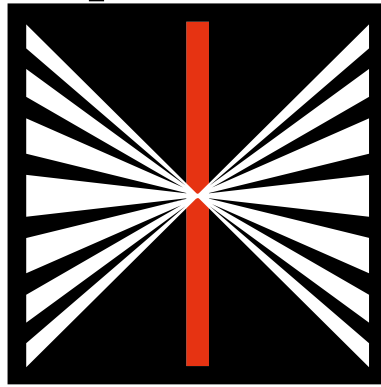


Optatec



NOMENKLATUR

HAUPT- UND PRODUKTGRUPPEN

NOMENCLATURE

MAIN AND PRODUCT GROUPS

Stand 02.2016

Optische Bauelemente

| | |
|------|--|
| 5001 | Optische Komponenten und Materialien |
| 5002 | Optische Übertragungstechnik / Signalübertragung |
| 5003 | Infrarottechnik |
| 5004 | UV-Technik |
| 5005 | Optische Sensoren |
| 5006 | Software für Optik und Optoelektronik |
| 5007 | Optische Meß- und Prüftechnik |
| 5008 | Anwendungsfelder optischer Technologien |

Optical components

| | |
|------|---|
| 5001 | Optical components and materials |
| 5002 | Optical transmission technology / signal transmission |
| 5003 | Infrared technology |
| 5004 | UV technology |
| 5005 | Optical sensors |
| 5006 | Software for optics and optoelectronics |
| 5007 | Optical measuring and test technology |
| 5008 | Fields of application for optical technologies |

Optomechanik / Optoelektronik

| | |
|------|--|
| 5009 | Optomechanische Komponenten und Baugruppen |
| 5010 | Optoelektronische Komponenten und Baugruppen |
| 5011 | Photovoltaik-Komponenten und Baugruppen |

Optomechanics / optoelectronics

| | |
|------|--|
| 5009 | Optomechanical components and assemblies |
| 5010 | Optoelectronic components and assemblies |
| 5011 | Photovoltaic components and assemblies |

Faseroptik / Lichtwellenleiter

| | |
|------|--|
| 5012 | Faseroptik |
| 5013 | Lichtwellenleitertechnik (LWL) |
| 5014 | Lichtleiter / Faserkabel, konfektioniert |
| 5015 | Faseroptische Geräte / Systeme |
| 5016 | Lichtquellen |

Fibre optics / light guides

| | |
|------|--|
| 5012 | Fibre optics |
| 5013 | Fibre-optic light guide technology |
| 5014 | Light guides / fibre-optic cables, pre-assembled |
| 5015 | Fibre-optic devices/systems |
| 5016 | Light sources |

Laserkomponenten

| | |
|------|-------------------------|
| 5017 | Laserstrahlquellen |
| 5018 | Laser-Systemkomponenten |
| 5019 | Laser-Strahlenschutz |

Laser components

| | |
|------|-------------------------|
| 5017 | Laser beam sources |
| 5018 | Laser system components |
| 5019 | Laser beam protection |

Fertigungssysteme

| | |
|------|--|
| 5020 | Fertigungssysteme zur Herstellung von Optik |
| 5021 | Dünnschichttechnologie |
| 5022 | Mechanische Bearbeitung |
| 5023 | Hilfsstoffe u. Werkzeuge für die Optik u. Optoelektronik |
| 5024 | Dienstleistungen, Institutionen, Verlage |

Manufacturing systems

| | |
|------|--|
| 5020 | Manufacturing systems for the production of optics |
| 5021 | Thin-film technology |
| 5022 | Machining |
| 5023 | Auxiliary materials and tools for optics and optoelectronics |
| 5024 | Service, institutions, publishers |

NOMENKLATUR

PRODUKTGRUPPEN UND -KLASSEN

NOMENCLATURE

PRODUCT GROUP AND CLASS

5001 Optische Komponenten und Materialien

| | |
|---------|--|
| 5001-01 | Optische Komponenten |
| 5001-02 | Planoptiken, Plan- und Planparallelefenster, Planplatten |
| 5001-03 | Verzögerungsplatten |
| 5001-04 | Prismen, Keile |
| 5001-05 | Spiegel, Strahlteiler |
| 5001-06 | Polarisatoren |
| 5001-07 | Optische Filter, Farbglasfilter |
| 5001-08 | Rundoptiken, sphärische und asphärische Linsen |
| 5001-09 | Zylinderlinsen |
| 5001-10 | Quarzoptik |
| 5001-11 | Kunststoffoptiken |
| 5001-12 | Kristalloptik, Saphiroptik |
| 5001-13 | Freiformkomponenten |
| 5001-14 | Mikrooptik |
| 5001-15 | Diffraktive Elemente, optische Gitter |
| 5001-16 | Homogenisierer |
| 5001-17 | Präzisionsteilungen |
| 5001-18 | Sonderoptiken |
| 5001-19 | Optische Materialien, allgemein |
| 5001-20 | Optisches- und technisches Glas |
| 5001-21 | Quarzglas |
| 5001-22 | Kristalle, nichtlineare, frequenzverdoppelte, elektrooptische, allgemein |
| 5001-23 | Technische Keramik, Glaskeramik |
| 5001-24 | Technische Kunststoffe |
| 5001-25 | Präzisionsrohlinge |
| 5001-26 | Optische Folien |
| 5001-27 | Optische Beschichtungen |
| 5001-28 | AR-Beschichtungen |
| 5001-29 | HR-Beschichtungen |
| 5001-30 | Filter, dielektrische Interferenzfilter |
| 5001-31 | Farbeffektfilter, dielektrische |
| 5001-32 | Metallische Beschichtungen |
| 5001-33 | Laserbeschichtungen |
| 5001-34 | Strahlteiler, dielektrisch |
| 5001-35 | Kunststoffbeschichtungen |
| 5001-36 | Optische Systeme |

5002 Optische Übertragungstechnik /Signalübertragung

| | |
|---------|--|
| 5002-01 | LAN (lokale Netze) |
| 5002-02 | WAN (großflächige Netze) |
| 5002-03 | Internet, Intranet |
| 5002-04 | Multiplexer, Demultiplexer |
| 5002-05 | Optische Schnittstellen |
| 5002-06 | Optische Schalter |
| 5002-07 | Installation von Faserkabelsystemen |
| 5002-08 | Mess- u. Prüfgeräte für die optische Übertragungs-/Informationstechnik |
| 5002-09 | OTDR optische Reflektometrie |
| 5002-10 | Optische Speichertechnik |

Optical components and materials

| |
|---|
| Optical components |
| Planar optics, planar and plane-parallel windows, planar plates |
| Deceleration plates |
| Prisms, wedges |
| Mirrors, beam splitters |
| Polarisers |
| Optical filters, coloured glass filters |
| Round optics, spherical and aspheric lenses |
| Cylindrical lenses |
| Quartz optics |
| Plastic optics |
| Crystal optics, sapphire optics |
| Freeform components |
| Micro-optics |
| Diffraction elements, optical lattices |
| Homogenisers |
| Precision dividers |
| Special optics |
| Optical materials, general |
| Optical and technical glass |
| Quartz glass |
| Crystals, non-linear, frequency-doubled, electro-optical, general |
| Technical ceramics, glass ceramics |
| Technical plastics |
| Precision blanks |
| Optical foils |
| Optical coatings |
| AR coatings |
| HR coatings |
| Filters, dielectric interference filters |
| Colour effect filters, dielectric |
| Metallic coatings |
| Laser coatings |
| Beam splitters, dielectric |
| Plastic coatings |
| Optical systems |

Optical transmission technology /signal transmission

| |
|--|
| LAN (local area networks) |
| WAN (wide area networks) |
| Internet, intranet |
| Multiplexers, demultiplexers |
| Optical interfaces |
| Optical switches |
| Installation of fibre cable systems |
| Measuring and test instruments for optical transmission/information technology |
| OTDR optical reflectometry |
| Optical data storage technology |

5003 Infrarottechnik

| | |
|---------|----------------|
| 5003-01 | IR Bildwandler |
| 5003-02 | IR Detektoren |
| 5003-03 | IR Kameras |
| 5003-04 | IR Komponenten |
| 5003-05 | IR Messtechnik |
| 5003-06 | IR Optiken |

5004 UV - Technik

| | |
|---------|-----------------------|
| 5004-01 | UV-Objektive |
| 5004-02 | UV-Aufweitungssysteme |
| 5004-03 | UV-Komponenten |
| 5004-04 | UV-Messtechnik |

5005 Optische Sensoren

| | |
|---------|------------------------|
| 5005-01 | Sensoren temporal |
| 5005-02 | Sensoren spektral |
| 5005-03 | Sensoren radiometrisch |
| 5005-04 | Sensoren geometrisch |

5006 Software für Optik und Optoelektronik

| | |
|---------|---|
| 5006-01 | Software für mikroskop. Bildverarbeitung |
| 5006-02 | Simulationssoftware für optische Komponenten |
| 5006-03 | Simulationssoftware für optoelekt. Komponenten |
| 5006-04 | Simulationssoftware für Lichtquellen |
| 5006-05 | Laser-Software |
| 5006-06 | Software für Optik, Beschichtung, Dünnschichtdesign, Optoelektronik und zur Entwicklung optischer Systeme (auch Konstruktion) |

5007 Optische Meß- und Prüftechnik

| | |
|---------|---|
| 5007-01 | Bildaufnahme und Bildverarbeitung |
| 5007-02 | Dimensionelle Messtechnik |
| 5007-03 | Geschwindigkeits-Messtechnik |
| 5007-04 | Holografische Interferometrie |
| 5007-05 | Interferometrische Messtechnik |
| 5007-06 | Lasermess-Systeme |
| 5007-07 | Laserleistungsmessgeräte |
| 5007-08 | Laser-Diodentestsysteme |
| 5007-09 | Laser-Strahlprofilmess-Systeme |
| 5007-10 | Laser-Strahl diagnosesysteme |
| 5007-11 | Laser-Diodeninspektionssysteme |
| 5007-12 | Messen thermischer Größen |
| 5007-13 | Messen optischer Größen |
| 5007-14 | Farbmesstechnik |
| 5007-15 | Polarisationsmesstechnik |
| 5007-16 | Monochromatoren |
| 5007-17 | Oberflächen-Messtechnik |
| 5007-18 | Partikelanalyse |
| 5007-19 | Schichtdicken-Messtechnik |
| 5007-20 | Schwingungs- Messtechnik |
| 5007-21 | Spektrometer |
| 5007-22 | Goniometer |
| 5007-23 | Temperatur- und Dehnungsmessung mit faseroptischen Sensoren |

Infrared technology

| |
|-------------------------|
| IR image converters |
| IR detectors |
| IR cameras |
| IR components |
| IR measuring technology |
| IR optics |

UV technology

| |
|-------------------------|
| UV lenses |
| UV expander systems |
| UV components |
| UV measuring technology |

Optical sensors

| |
|----------------------|
| Sensors, temporal |
| Sensors, spectral |
| Sensors, radiometric |
| Sensors, geometric |

Software for optics and optoelectronics

| |
|--|
| Software for microscopic image processing |
| Simulation software for optical components |
| Simulation software for optoelectronic components |
| Simulation software for light sources |
| Laser software |
| Software for optics, coatings, thin-film design and optoelectronics, and for the development of optical systems (also engineering) |

Optical measuring and test technology

| |
|---|
| Image recording and image processing |
| Dimensional measuring technology |
| Speed measuring technology |
| Holographic interferometry |
| Interferometric measuring technology |
| Laser measuring systems |
| Laser power measuring instruments |
| Laser diode test systems |
| Laser beam profile measuring systems |
| Laser beam diagnosis systems |
| Laser diode inspection systems |
| Measurement of thermal quantities |
| Measurement of optical quantities |
| Colour measuring technology |
| Polarisation measuring technology |
| Monochromators |
| Surface measuring technology |
| Particle analysis |
| Layer thickness measuring technology |
| Oscillation measuring technology |
| Spectrometers |
| Goniometers |
| Temperature and strain measurement with fibre-optic sensors |

5008 Anwendungsfelder optischer Technologien

| | |
|---------|--|
| 5008-01 | Produktionstechnik |
| 5008-02 | Bildverarbeitung & Messtechnik |
| 5008-03 | Medizintechnik & Life Science |
| 5008-04 | Beleuchtungstechnik |
| 5008-05 | Energietechnik, Photovoltaik, Photothermie |
| 5008-06 | Flachdisplays |
| 5008-07 | Informationstechnik, Telekommunikation |
| 5008-08 | Nachtsichtgeräte |
| 5008-09 | Infrarot-Beleuchtung |
| 5008-10 | Generation 2-, 3-, 4-Bildverstärker |
| 5008-11 | Restlicht-CCD-Kameras |
| 5008-12 | EM-CCD-Kameras |
| 5008-13 | NIR-CCD-Kameras |
| 5008-14 | Achromate, Okulare, Kollimatoren |
| 5008-15 | Mikroskope |
| 5008-16 | Endoskope |
| 5008-17 | Teleskope |
| 5008-18 | Fernrohre |
| 5008-19 | Spektroskope |
| 5008-20 | Interferometrie |
| 5008-21 | Objektive |

5009 Optomechanische Komponenten und Baugruppen

| | |
|---------|--------------------------------|
| 5009-01 | Optomechanische Bauelemente |
| 5009-02 | Positionier- u. Montagesysteme |
| 5009-03 | Strahlpositioniersysteme |
| 5009-04 | Blenden |
| 5009-05 | IR-Konverter |
| 5009-06 | Schienen- und Banksysteme |
| 5009-07 | Optische Tische |

5010 Optoelektronische Komponenten und Baugruppen

| | |
|---------|---|
| 5010-01 | Aktive optoelektronische Bauelemente |
| 5010-02 | Passive optoelektronische Bauelemente |
| 5010-03 | Kameras, CCD-Zeilenkameras + CMOS |
| 5010-04 | Hochgeschwindigkeits-, TDI- und Streackameras |
| 5010-05 | Bildverstärker-CCD-Kameras |
| 5010-06 | Bildwandler |
| 5010-07 | Detektoren |
| 5010-08 | Lichtschranken |
| 5010-09 | Modulatoren |
| 5010-10 | Fotodioden |

5011 Photovoltaik-Komponenten und Baugruppen

| | |
|---------|-------------------------|
| 5011-01 | Spiegel |
| 5011-02 | Linsen |
| 5011-03 | Prismen |
| 5011-04 | Konzentratoroptiken |
| 5011-05 | Solarphotonensysteme |
| 5011-06 | Funktionsbeschichtungen |
| 5011-07 | Mikrostrukturierungen |

Fields of application for optical technologies

| |
|---|
| Production technology |
| Image processing and measuring technology |
| Medical engineering and life sciences |
| Illumination technology |
| Energy technology, photovoltaics, photothermics |
| Flat screen displays |
| Information technology, telecommunications |
| Night vision devices |
| Infrared illumination |
| Generation 2, 3 and 4 image amplifiers |
| Residual light CCD cameras |
| EM-CCD cameras |
| NIR-CCD cameras |
| Achromatic lenses, oculars, collimators |
| Microscopes |
| Endoscopes |
| Telescopes |
| Spotting scopes |
| Spectroscopes |
| Interferometry |
| Lenses |

Optomechanical components and assemblies

| |
|----------------------------------|
| Optomechanical components |
| Positioning and assembly systems |
| Beam positioning systems |
| Shutters |
| IR converters |
| Rail and bench systems |
| Optical tables |

Optoelectronic components and assemblies

| |
|-----------------------------------|
| Active optoelectronic components |
| Passive optoelectronic components |
| Cameras, CCD line cameras + CMOS |
| High-speed TDI and streak cameras |
| Image amplifying CCD cameras |
| Image converters |
| Detectors |
| Light barriers |
| Modulators |
| Photodiodes |

Photovoltaic components and assemblies

| |
|----------------------|
| Mirrors |
| Lenses |
| Prisms |
| Concentrator optics |
| Solar photon systems |
| Function coatings |
| Micro-structuring |

5012 Faseroptik

| | |
|---------|--|
| 5012-01 | Glasfasern, polarisationserhaltende |
| 5012-02 | Glasfasern, dotierte für Faserlaser |
| 5012-03 | Quarzglasfasern |
| 5012-04 | Saphirfasern |
| 5012-05 | Kunststofffasern |
| 5012-06 | Kunststofffasern, fluoreszierend oder szintillierend |
| 5012-07 | Faserbündel, Glas |
| 5012-08 | Faserbündel, Quarzglas |
| 5012-09 | Faserbündel, sonstige |
| 5012-10 | Bragg-Sensoren |

5013 Lichtwellenleitertechnik

| | |
|---------|----------------------|
| 5013-01 | LWL-Leitungen, Kabel |
| 5013-02 | LWL-Verzweiger |
| 5013-03 | LWL-Koppler |
| 5013-04 | LWL-Schnittstellen |
| 5013-05 | LWL-Steckverbinder |
| 5013-06 | Flüssig-LWL |

5014 Lichtleiter / Faserkabel, konfektioniert

| | |
|---------|--|
| 5014-01 | Lichtleitstäbe |
| 5014-02 | Lichtleitkegel |
| 5014-03 | Lichtleitverzweiger |
| 5014-04 | Bildleiter |
| 5014-05 | Querschnittswandler |
| 5014-06 | Faserkabel, konfektioniert mit Normsteckverbinder |
| 5014-07 | Faserkabel, anwendungsbezogen |
| 5014-08 | Faserkabel, UV |
| 5014-09 | Faserkabelummantelung, Schutzmäntel (Metall u. PMMA) |
| 5014-10 | Faserkabelzubehör |
| 5014-11 | Faserkabelverteiler |
| 5014-12 | Laserkabel konfektioniert |

5015 Faseroptische Geräte/Systeme

| | |
|---------|--|
| 5015-01 | Faseroptik-Beleuchtungssysteme |
| 5015-02 | Faseroptik-Lichtpolymerisationsgeräte |
| 5015-03 | Faseroptik-Messgeräte |
| 5015-04 | Faseroptische Interferometrie |
| 5015-05 | Faseroptische Spektrometer |
| 5015-06 | Faseroptik-Entwicklung (Geräte u. Systeme) |
| 5015-07 | Bearbeitungswerkzeuge |
| 5015-08 | Verbindungsgeräte |
| 5015-09 | Faserkabel-Poliermaschinen |

5016 Lichtquellen

| | |
|---------|---------------------|
| 5016-01 | High Power LED |
| 5016-02 | High Brightness LED |
| 5016-03 | LED Module |
| 5016-04 | RGB LED |
| 5016-05 | Kaltlichtquellen |
| 5016-06 | UV Lichtquellen |

Fibre optics

| |
|--|
| Glass fibre-optics, polarisation-retaining |
| Glass fibre-optics, doped for fibre laser |
| Quartz-glass fibre-optics |
| Sapphire fibre-optics |
| Plastic fibre-optics |
| Plastic fibre-optics, fluorescent or scintillating |
| Fibre bundles, glass |
| Fibre bundles, quartz-glass |
| Fibre bundles, other |
| Bragg sensors |

Fibre-optic light guide technology

| |
|---|
| Fibre-optic light guides, cable |
| Fibre-optic light guide branching junctions |
| Fibre-optic light guide couplers |
| Fibre-optic light guide interfaces |
| Fibre-optic light guide plug connectors |
| Liquid-core fibre-optic light guides |

Light guides / fibre-optic cables, pre-assembled

| |
|--|
| Light-conducting rods |
| Light-conducting cones |
| Light guide branching junctions |
| Image guides |
| Cross-section converters |
| Fibre-optic cables, prefabricated with standard plug connector |
| Fibre-optic cables, application-specific |
| Fibre-optic cables, UV |
| Fibre-optic cable jacketing, protective sheathing (metal and PMMA) |
| Fibre-optic cable accessories |
| Fibre-optic cable distributors |
| Laser cables, pre-assembled |

Fibre-optic devices/systems

| |
|--|
| Fibre-optic illumination systems |
| Fibre-optic light polymerisation devices |
| Fibre-optic measuring instruments |
| Fibre-optic interferometry |
| Fibre-optic spectrometers |
| Fibre-optic R&D (devices and systems) |
| Processing tools |
| Joining devices |
| Fibre cable polishing machines |

Light sources

| |
|----------------------|
| High power LEDs |
| High brightness LEDs |
| LED modules |
| RGB LEDs |
| Cold light sources |
| UV light sources |

5017 Laserstrahlquellen

| | |
|---------|----------------------------------|
| 5017-01 | Nd:YAG-Laser inkl. Scheibenlaser |
| 5017-02 | Rubin-Laser |
| 5017-03 | Ti:Saphir-Laser |
| 5017-04 | Nd:Glas-Laser |
| 5017-05 | HeNe-Laser |
| 5017-06 | HeCd-Laser |
| 5017-07 | Argon-Laser |
| 5017-08 | Krypton-Laser |
| 5017-09 | CO ₂ -Laser |
| 5017-10 | Metalldampf-Laser |
| 5017-11 | Excimer-Laser |
| 5017-12 | Stickstoff-Laser |
| 5017-13 | Chemische-Laser |
| 5017-14 | Dioden-Laser |
| 5017-15 | Farbstoff-Laser |
| 5017-16 | Faserlaser |
| 5017-17 | DPSS-Laser |
| 5017-18 | Laser Dioden |

5018 Laser - Systemkomponenten

| | |
|---------|---|
| 5018-01 | Laserlampen, Blitzlampen, Kryptonlampen |
| 5018-02 | Laserlampen-Spektrallampen, Entladungslampen, Deuteriumlampen |
| 5018-03 | Laser-Gläser-Schutz- u. Abschlussfenster |
| 5018-04 | Laser-Spiegel |
| 5018-05 | Laser-Röhren |
| 5018-06 | Laserkabel, faseroptische Strahlführungssysteme |
| 5018-07 | Laser-Kristallkomponenten, z.B. Stäbe, Linsen |
| 5018-08 | Laser-Reflektoren, Metall- u. Keramikreflektoren |
| 5018-09 | Laser-Resonatoren |
| 5018-10 | Laser-Gase |
| 5018-11 | Laser-Pumpen |
| 5018-12 | Laser-Sonden |
| 5018-13 | Laser-Pumplichtquellen |
| 5018-14 | Laser-Dioden Module |
| 5018-15 | Laser-Farbstoffe |
| 5018-16 | Laser-Stromversorgungen |
| 5018-17 | Laserdioden-Stromversorgung |
| 5018-18 | Laser-Kühlssysteme |
| 5018-19 | Laser-Steuerungen |
| 5018-20 | Laser-Vakuumtechnik und Gasanlagen |
| 5018-21 | Laserdioden-Burn-In-Systeme |
| 5018-22 | Laser- Strahlteiler und Aufweitungen |
| 5018-23 | Laser-Strukturierung |
| 5018-24 | Laser-Strahlführungssysteme |
| 5018-25 | Laserdioden-Flachbandverbindung |
| 5018-26 | Flow Tubes, Flow Plates |
| 5018-27 | CO ₂ -Optiken |
| 5018-28 | IR-Strahler u. UV-Strahler |

5019 Laser - Strahlenschutz

| | |
|---------|------------------------------------|
| 5019-01 | Laser-Filter gegen Laserstrahlen |
| 5019-02 | Laser-Schutzbrillen |
| 5019-03 | Laser-Schutzkabinen |
| 5019-04 | Laser-Sichtfenster für Apparaturen |

Laser beam sources

| |
|------------------------------------|
| Nd:YAG laser including disc lasers |
| Ruby lasers |
| Ti:sapphire lasers |
| Nd:glass lasers |
| HeNe lasers |
| HeCd lasers |
| Argon lasers |
| Krypton lasers |
| CO ₂ lasers |
| Metal vapour lasers |
| Excimer lasers |
| Nitrogen lasers |
| Chemical lasers |
| Diode lasers |
| Dye lasers |
| Fibre laser |
| DPSS laser |
| Laser diodes |

Laser system components

| |
|---|
| Laser lamps, flash lamps, krypton lamps |
| Laser lamp spectral lamps, gas discharge lamps, deuterium lamps |
| Laser lens protectors and sealing windows |
| Laser mirrors |
| Laser tubes |
| Laser cable, fibre-optic beam guide systems |
| Laser crystal components, e.g. rods, lenses |
| Laser reflectors, metal and ceramic reflectors |
| Laser resonators |
| Laser gases |
| Laser pumps |
| Laser probes |
| Laser pump light sources |
| Laser diode modules |
| Laser dyes |
| Laser power supplies |
| Laser diode power supplies |
| Laser cooling systems |
| Laser controllers |
| Laser vacuum technology and gas systems |
| Laser diode burn-in systems |
| Laser beam splitters and expanders |
| Laser structuring |
| Laser beam guide systems |
| Laser diode ribbon cable connections |
| Flow tubes, flow plates |
| CO ₂ optics |
| IR radiators and UV radiators |

Laser beam protection

| |
|------------------------------------|
| Laser filters for laser beams |
| Laser safety glasses |
| Laser protection cabins |
| Laser viewing window for apertures |

5020 Fertigungssysteme zur Herstellung von Optik

| | |
|---------|--|
| 5020-01 | Display-Herstellungstechnik |
| 5020-02 | Planungen und Anlagen für Reinraumtechnik |
| 5020-03 | Ausstattung, Kleidung, Verbrauchsmaterialien und Zubehör für Reinraumtechnik |
| 5020-04 | Dienstleistungen - Reinraumtechnik |
| 5020-05 | Reinigen, allgemein |
| 5020-06 | Chemische Reinigung |
| 5020-07 | Ultraschall- Reinigung |

5021 Dünnschichttechnologie

| | |
|---------|--|
| 5021-01 | Anwendungen und Verfahren zur Herstellung optisch dünner Schichten |
| 5021-02 | Vakuum / Hochvakuumtechnik |

5022 Mechanische Bearbeitung

| | |
|---------|---------------------------------------|
| 5022-01 | Ultrapräzisionsbearbeitung |
| 5022-02 | Zentrieren / Rundieren |
| 5022-03 | Diamantdrehen |
| 5022-04 | Blankpressen |
| 5022-05 | Polieren |
| 5022-06 | Schleifen / Läppen |
| 5022-07 | Sägen / Trennen |
| 5022-08 | Kühlschmierstoffe für Glasbearbeitung |

5023 Hilfsstoffe und Werkzeuge für die Optik und Optoelektronik

| | |
|---------|--|
| 5023-01 | Läpp- und Schleifmittel |
| 5023-02 | Poliermittel |
| 5023-03 | Diamantpellets |
| 5023-04 | Klebstoffe, optische und Glas |
| 5023-05 | Klebstoffe, UV-härtend |
| 5023-06 | UV-Lampen, Polymerisationsaushärtelampen |
| 5023-07 | Konfektionierwerkzeuge für Faseroptik |
| 5023-08 | Spezialverpackungen |

5024 Dienstleistungen, Institutionen, Verlage

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| 5024-01 | Bearbeitung |
| 5024-02 | Schwingungsmessung und Analyse |
| 5024-03 | Normung |
| 5024-04 | Institutionen / Verlage |

Manufacturing systems for the production of optics

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| Display manufacturing technology |
| Planning and systems for cleanroom technology |
| Equipment, clothing, consumables and accessories for cleanroom technology |
| Services – cleanroom technology |
| Cleaning, general |
| Chemical cleaning |
| Ultrasonic cleaning |

Thin-film technology

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| Applications and processes for the production of optical thin films |
| Vacuum/high-vacuum technology |

Machining

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| Ultraprecision machining |
| Centring/rounding |
| Diamond turning |
| Bright pressing |
| Polishing |
| Grinding/lapping |
| Sawing/cutting |
| Lubricating coolants for glass processing |

Auxiliary materials and tools for optics and optoelectronics

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| Lapping and grinding media |
| Polishing agents |
| Diamond pellets |
| Adhesives, optical and glass |
| Adhesives, UV curing |
| UV lamps, polymerisation curing lamps |
| Assembly tools for fibre-optics |
| Special packaging |

Service, institutions, publishers

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| Processing |
| Oscillation measurement and analysis |
| Standardisation |
| Institutions/publishers |