

## Standards used by AVENTICS

Standard	Designation
ANSI B1.20.3	Dryseal pipe threads
DIN 439	Steel and iron - Determination of total silicon content - Gravimetric method
DIN 471	Retaining rings for shafts - Normal type and heavy type
DIN 910	Hexagon head screw plugs with collar - Cylindrical thread
DIN 914	Hexagon socket set screws with cone point
DIN 3017	Hose clamps
DIN 6912	Hexagon socket head cap screws with center, with low head
DIN 7500	Thread rolling screws for ISO metric thread
DIN 7603	Sealing rings, in conjunction with DIN 908 screw plugs
DIN 7984	Hexagon socket head cap screws with low head
DIN 24562	Swivel fixed pivot brackets with bearings for the basic cylinder with clevis mounting
DIN 43650	Valve connectors, electrical connectors
DIN 45635	Dimensions and symbols for single-row spherical roller bearings
DIN 934 and EN ISO 8673:2013-04	Hexagon regular nuts, metric course and fine screw threads
DIN ISO 5599/1	Mounting interface surfaces without electrical connector
EN 286	Simple unfired pressure vessels designed to contain air or nitrogen - Pressure vessels for general purposes
EN 50022	Metallic and other inorganic coatings - Simultaneous thickness and electrode potential determination of individual layers in multilayer nickel deposits
EN 60529	Degrees of protection provided by enclosures (IP code); contact, foreign body, and water protection for electrical equipment
DIN rail EN 60715	Dimensions of low-voltage switchgear and controlgear - Standardized mounting on rails for mechanical support of electrical devices in switchgear and controlgear installations
EN 60947-5-2	Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches
EN 61131-2	Industrial-process control systems - Instruments with analog inputs and two- or multi-state outputs - Part 2: Guidance for inspection and routine testing
EN 175301	High density rectangular connectors, round removable crimp contacts
EN 175301-803	Rectangular connectors - Flat contacts, 0.8 mm thickness, locking screw not detachable
EN ISO 4027	Hexagon socket set screws with cone point
ISO 228	Universal threaded connection
ISO 2338	Parallel pins, of unhardened steel and austenitic stainless steel
ISO 4035	Hexagon thin nuts chamfered (style 0)
ISO 4400	Three-pin electrical plug connectors with earth contact

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Standard	Designation
ISO 4649	Determination of abrasion resistance using a rotating cylindrical drum device
ISO 4649	Rubber, vulcanized or thermoplastic - Determination of abrasion resistance
ISO 4762	Hexagon socket head cap screws
ISO 4762	Hexagon socket head cap screws
ISO 5599-1	Mounting interface surfaces without electrical connector
ISO 5599-2	Mounting interface surfaces with optional electrical connector
ISO 6431	Pneumatic fluid power - Cylinders with detachable mountings
ISO 6432	Single rod cylinders, 10 bar series
ISO 6432	Single rod cylinders
ISO 6952	Two-pin electrical plug connectors with earth contact
ISO 76191	Rubber, vulcanized or thermoplastic - Determination of indentation hardness
ISO 85731	Specification of air quality based on ISO 8573-1 for compressed air quality
ISO 10664	Hexalobular internal driving feature for bolts and screws
ISO 13849	Safety of machinery - Safety-related parts of control systems
ISO 15217	16 mm square electrical connector with earth contact
ISO 15407-1	Five-port directional control valves, sizes 18 mm and 26 mm - Part 1: Mounting interface surfaces without electrical connector
ISO 15407-2	Five-port directional control valves, sizes 18 mm and 26 mm - Part 2: Mounting interface surfaces with optional electrical connector
ISO 15524	Cylinder mounting for cylinders
ISO 15552	Pneumatic fluid power - Cylinders with detachable mountings
ISO 19973-1	Pneumatic fluid power - Assessment of component reliability by testing - Part 1: General procedures
ISO 21287	Pneumatic fluid power - Cylinders - Compact cylinders, 1000 kPa (10 bar) series, bores from 20 mm to 100 mm
ISO 21469	Lubricants with incidental product contact - Hygiene requirements