

BUREAU OF INDIAN STANDARDS

Program of Work

MTD 16 : Alloy Steels and Forging Sectional Committee

Scope: Standardization in the field of alloy & special steels and forging, including classification, designation and coding of related steels

Liaison: **ISO TC-17 SC-04 (P): Heat treatable and alloy steels** **ISO TC-17 SC-11 (P): Steel castings**

Published Standards

| S.No | IS No. | TITLE | Reaffirm M-Y | No. of Amds | Eqv. |
|------|--|---|--------------|-------------|----------------|
| 1 | IS 10604 (Part 1):1983 Reviewed In : 2023 | Specification for machining allowances and tolerances for open die steel forgings: Part 1 carbon and low alloy steel forgings: Part 1 carbon and low alloy steel forgings | March, 2023 | - | Indigenous |
| 2 | IS 10604 (Part 2):1983 Reviewed In : 2023 | Machining allowances and tolerances for open die steel forgings: Part 2 high alloy steel forgings | March, 2023 | - | Indigenous |
| 3 | IS 10631:1983 Reviewed In : 2024 | Specification for stainless steel for welding electrode core wire | April, 2024 | 1 | Indigenous |
| 4 | IS 10632 (Part 1):1983 Reviewed In : 2024 | Specification for non magnetic stainless steels for electrical applications: Part 1 general requirements | April, 2024 | 1 | Indigenous |
| 5 | IS 10632 (Part 2):1983 Reviewed In : 2024 | Specification for non magnetic stainless steels for electrical applications: Part 2 specific requirements for binding wires | April, 2024 | 1 | Indigenous |
| 6 | IS 10632 (Part 3):1983 Reviewed In : 2024 | Specification for non magnetic stainless steels for electrical applications: Part 3 specific requirements for sheets, strips and plates | April, 2024 | 1 | Indigenous |
| 7 | IS 11169 (Part 1):2022 4954:2018 | Specification for steels for cold heading/cold extrusion applications: Part 1 wrought carbon and low alloy steels | | 1 | Not Equivalent |
| 8 | IS 11169 (Part 2):1989 Reviewed In : 2019 ISO 4954 | Steels for cold heading/cold extrusion applications specification: Part 2 stainless steels | April, 2019 | 1 | Not Equivalent |
| 9 | IS 11169 (Part 2):2023 ISO 4954 | STEELS FOR COLD HEADING/COLD EXTRUSION APPLICATIONS part 2 stainless steels-SPECIFICATION (first revision) | | - | Not Equivalent |
| 10 | IS 11185:1984 | Specification for technical supply | April, 2024 | 1 | Indigenous |

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|----|--|---|-------------|---|------------|
| | Reviewed In : 2024 | conditions for hot rolled and forged steel bars for use in machine tool industry | | | |
| 11 | IS 11946:1987 Reviewed In : 2023 | Specification for soft magnetic iron strips | March, 2023 | 2 | Indigenous |
| 12 | IS 11947:1987 Reviewed In : 2023 | Specification for soft magnetic iron rods, bars, flats and sections | March, 2023 | 1 | Indigenous |
| 13 | IS 11952:1986 Reviewed In : 2024 | Specification for steels for piston pins (Gudgeon Pins) | April, 2024 | 1 | Indigenous |
| 14 | IS 12045:2025 | ALLOYS USED IN ELECTRICAL RESISTANCE METALLIC HEATING ELEMENTS - SPECIFICATION (First Revision) | | - | Indigenous |
| 15 | IS 12045:1987 Reviewed In : 2023 | Specification for alloys used in electrical resistance metallic heating elements | March, 2023 | 1 | Indigenous |
| 16 | IS 12145:1987 Reviewed In : 2024 | Specification for quenched and tempered alloy steel forgings for pressure vessels | April, 2024 | 1 | Indigenous |
| 17 | IS 12146:1987 Reviewed In : 2023 | Specification for carbon manganese steel forgings for pressure vessels | March, 2023 | 1 | Indigenous |
| 18 | IS 12390:1988 Reviewed In : 2024 | Specification for iron nickel alloy 36 for ceramic sealing | April, 2024 | 1 | Indigenous |
| 19 | IS 12391:1988 Reviewed In : 2024 | Specification for iron nickel controlled expansion sealing alloys | April, 2024 | 1 | Indigenous |
| 20 | IS 12549:1988 Reviewed In : 2024 | Specification for Iron-Nickel-Cobalt Sealing Alloy | April, 2024 | 1 | Indigenous |
| 21 | IS 12658:2024 | Grinding media rolledforged carbon and Carbon - Chromium steels - Specification First Revision | | - | Indigenous |
| 22 | IS 12836:1989 Reviewed In : 2019 | 36 - Nickel iron soft magnetic rods - Specification | April, 2019 | 1 | Indigenous |
| 23 | IS 12881:1990 Reviewed In : 2019 | 36 - Nickel iron soft magnetic strips - Specification | April, 2019 | 1 | Indigenous |
| 24 | IS 12882:1990 Reviewed In : 2024 | 48 - Nickel iron soft magnetic strip - Specification | April, 2024 | 1 | Indigenous |
| 25 | IS 13352:1992 Reviewed In : 2024 | Stock for forgings produced from continuously cast blooms, billets and slabs - Specification | April, 2024 | - | Indigenous |
| 26 | IS 13387:1992 Reviewed In : 2024 | Tool steel forgings for metal forming - Specification | April, 2024 | 1 | Indigenous |
| 27 | IS 13795 (Part 1):1993 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Glossary of terms relating to special alloys | April, 2024 | - | Indigenous |
| 28 | IS 14331:1995 Reviewed In : 2023 | Steels for high temperature bolting applications - Specification | March, 2023 | 1 | Indigenous |
| 29 | IS 14652:1999 Reviewed In : 2023 | 18 percent nickel maraging steel bars and rods - Specification | March, 2023 | 1 | Indigenous |
| 30 | IS 14698:1999 Reviewed In : 2023 | Carbon and low alloy steel billets, blooms, slabs and bars for manufacture of shell bodies and proof shots used in defence services - Specification | March, 2023 | - | Indigenous |
| 31 | IS 1570 (Part | Schedules for wrought steels: Part | April, 2024 | 1 | Indigenous |

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|----|---|--|---------------|---|--------------------------------|
| | 1):1978 Reviewed In : 2024 Decision taken to Reaffirm and Archive | 1 steels specified by tensile and/or yield properties (First Revision) | | | |
| 32 | IS 1570 (Part 2/Sec 1):1979 Reviewed In : 2021 | Schedules for wrought steels: Part 2 carbon steels (Unalloyed Steels): Sec 1 wrought products (Other Than Wires) with specified chemical composition and related properties (First Revision) | March, 2021 | - | Indigenous |
| 33 | IS 1570 (Part 2/Sec 2):1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Schedules for wrought fteels: Part 2 carbon steels (Unalloyed Steels): Sec 2 carbon steel wires with related properties (First Revision) | April, 2024 | - | Indigenous |
| 34 | IS 1570 (Part 3):1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Schedules for wrought steels: Part 3 carbon and carbon - Manganese free cutting steels (First Revision) | April, 2024 | - | Indigenous |
| 35 | IS 1570 (Part 4):1988 Reviewed In : 2023 | Schedules for wrought steels: Part 4 alloy steels (Alloy Constructional And Spring Steels) with specified chemical composition andd mechanical properties (First Revision) | March, 2023 | - | Indigenous |
| 36 | IS 1570 (Part 5):1985 Reviewed In : 2023 | Schedules for wrought steels: Part 5 stainless and heat - Resisting steels (Secoind Revision) | March, 2023 | - | Indigenous |
| 37 | IS 1570 (Part 6):1996 Reviewed In : 2023 | Schedules for wrought steels: Part 6 carbon and alloy tool steels (First Revision) | March, 2023 | - | Indigenous |
| 38 | IS 1570 (Part 7):1992 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Schedule for wrought steels: Part 7 steels for elevated temperature service (Creep Resistant Steels) | April, 2024 | - | Indigenous |
| 39 | IS 15997:2012 Reviewed In : 2022 | Low nickel austenitic stainless steel plate, sheet, and strip for utensils and kitchen appliances - Specification | October, 2022 | 3 | Indigenous |
| 40 | IS 16733:2018 ISO 11692 : 1994 Reviewed In : 2024 ISO 11692:1994 | Ferritic-Pearlitic Engineering Steels for Precipitation Hardening from Hot-Working Temperatures | March, 2024 | - | Identical under dual numbering |
| 41 | IS 17111:2019 ISO 683-17 : 2014 Reviewed In : 2024 ISO 683-17:2023 | Heat - Treated steels, alloy steels and free - Cutting steels - Ball and roller bearing steels | March, 2024 | - | Identical under dual numbering |
| 42 | IS 17111:2025 ISO 683-17:2023 ISO 683-17:2023 | HEAT-TREATABLE STEELS, ALLOY STEELS AND FREE-CUTTING STEELS - BALL AND ROLLER BEARING STEELS (First Revision) | | - | Identical under dual numbering |
| 43 | IS 1871 (Part | Commentary on indian standard | April, 2024 | - | Indigenous |

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|----|---|--|-------------|---|--------------------------------|
| | 1):1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive | schedules for wrought steels: Part 1 steels specified by tensile and/or yield properties [complementary to IS : 1579 (Part 1) - 19781] (First Revision) | | | |
| 44 | IS 1871 (Part 2):1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Commentary on Indian Standard schedules for wrought steels: Part 2 carbon steels (Unalloyed Steels) complementary to is : 1570 (Part 2) - 19791 (First Revision) | April, 2024 | - | Indigenous |
| 45 | IS 1871 (Part 3):1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Commentary on Indian Standard schedules for wrought steels: Part 3 carbon and carbon manganese free cutting steels [complementary to is : 1570 (Part 3) - 1979] (First Revision) | April, 2024 | - | Indigenous |
| 46 | IS 18755:2024 | Tri-ply SS-AL-SS material used for manufacture of utensils and kitchen appliances Specification | | - | Indigenous |
| 47 | IS 1956 (Part 6):1976 Reviewed In : 2023 | Glossary of terms relating to iron and steel: Part 6 forging (Including Drop Forging) (First Revision) | March, 2023 | 2 | Indigenous |
| 48 | IS 2004:1991 Reviewed In : 2023 | Carbon steel forgings for general engineering purposes - Specification (Third Revision) | March, 2023 | - | Indigenous |
| 49 | IS 2611:1964 Reviewed In : 2023 | Specification for carbon chromium molybdenum steel forgings for high temperature service | March, 2023 | - | Indigenous |
| 50 | IS 3261:1980 Reviewed In : 2023 | Specification for carbon steel forgings for shipbuilding industry (First Revision) | March, 2023 | - | Indigenous |
| 51 | IS 3431:1982 Reviewed In : 2022 | Specification for steel for the manufacture of volute helical and laminated springs for automotive suspension (Second Revision) | March, 2022 | 3 | Indigenous |
| 52 | IS 3445:1992 Reviewed In : 2024 | Forged steel rolls - Specification (First Revision) | April, 2024 | 1 | Indigenous |
| 53 | IS 3469 (Part 13):1974 Reviewed In : 2023 | Tolerances for closed die steel forgings (First Revision) | March, 2023 | - | Indigenous |
| 54 | IS 3479:1966 Reviewed In : 2023 | General requirements for steel drop, upset and press forgings | March, 2023 | - | Indigenous |
| 55 | IS 3739:1987 Reviewed In : 2023 | Dimensional tolerances for carbon and alloy constructional steel (First revision) | March, 2023 | - | Indigenous |
| 56 | IS 3748:2022 4957:2018 4957:2018 | Tool Steels - Specification | | 1 | Identical under dual numbering |
| 57 | IS 3930:1994 Reviewed In : 2024 | Flame and induction hardening steels - Specification (Second Revision) | April, 2024 | - | Indigenous |
| 58 | IS 4367:1991 Reviewed In : 2024 | Alloy steel forgings for general industrial use - Specification (First Revision) | April, 2024 | 2 | Indigenous |
| 59 | IS 4398:1994 Reviewed In : 2024 | Carbon - Chromium steel for the manufacture of balls, rollers and bearing races - Specification (Second Revision) | April, 2024 | 3 | Indigenous |

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| 60 | IS 4431:1978 Reviewed In : 2024 ISO 683-4 | Specification for carbon and carbon manganese free cutting steels (First Revision) | April, 2024 | 2 | Not Equivalent |
| 61 | IS 4432:1988 Reviewed In : 2024 ISO 683-3 | Specification for case hardening steels (First Revision) | April, 2024 | 1 | Not Equivalent |
| 62 | IS 4454 (Part 4):2001 Reviewed In : 2022 ISO 6931-1 | Steel wires for mechanical springs: Part 4 stainless steel wire (Second Revision) | March, 2022 | 2 | Not Equivalent |
| 63 | IS 5517:1993 Reviewed In : 2024 ISO 683-1 & 2 | Steels for hardening and tempering - Specification (Second Revision) | April, 2024 | 3 | Not Equivalent |
| 64 | IS 5518:1996 Reviewed In : 2024 | Steels for die blocks for drop forging - Specification (Second Revision) | April, 2024 | - | Indigenous |
| 65 | IS 5522:2014 Reviewed In : 2024 | Stainless steel sheets and strips for utensils - Specification (Third Revision) | April, 2024 | 3 | Indigenous |
| 66 | IS 5651:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Specification for steels for pneumatic tools (First Revision) | April, 2024 | 1 | Indigenous |
| 67 | IS 6528:2024 ISO 16143 (Part 3) : 2014 | Stainless steel wire - Specification (Second Revision) | | - | Not Equivalent |
| 68 | IS 6529:1996 Reviewed In : 2023 | Stainless steel blooms, billets and slabs for forging - Specification (First Revision) | March, 2023 | 2 | Indigenous |
| 69 | IS 6603:2024 ISO I6143-2 | Stainless Steel Semi-Finished Products, Bars, Wire Rods and Bright Bars â€™ Specification (Second Revision) | | - | Not Equivalent |
| 70 | IS 6911:2017 Reviewed In : 2022 ISO 9444-1 &2, 9445-1 &2,15510, | Stainless steel plate, sheet and strip - Specification (Second Revision) | March, 2022 | 5 | Not Equivalent |
| 71 | IS 7494:2023 ISO 683-15:1992 | ALLOYS FOR INTERNAL COMBUSTION ENGINE VALVE APPLICATIONS ½ SPECIFICATION (Second Revision) | | - | Not Equivalent |
| 72 | IS 8748:2023 | FORGED/ ROLLED CTC SEGMENTS -SPECIFICATION (First Revision) | | - | Indigenous |
| 73 | IS 9100:1979 Reviewed In : 2023 | Methods of sampling steel forgings | March, 2023 | - | Indigenous |
| 74 | IS 9294:2023 | COLD-ROLLED STAINLESS STEEL STRIPS FOR RAZOR BLADES - Specification (First Revision) | | - | Indigenous |
| 75 | IS 9516:1980 Reviewed In : 2024 ISO 4955 | Specification for heat resisting steels | April, 2024 | 2 | Not Equivalent |
| 76 | IS 963:1958 Reviewed In : 2021 | Specification for chrome molybdenum steel bars and rods for aircraft purposes | February, 2021 | 3 | Indigenous |

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|----|------------------------------------|--|-------------|---|------------|
| 77 | IS 9683:1980 Reviewed In : 2023 | Specification for carbon and low alloy steel forgings for fired and unfired pressure vessels | March, 2023 | - | Indigenous |
| 78 | IS 9684:2024 | TECHNICAL CONDITIONS FOR THE SUPPLY OF THE HOT ROLLED BILLETS, BLOOMS, SLABS AND BARS FOR CLOSED DIE FORGINGS (First Revision) | | - | Indigenous |

Standards under Development

| Projects Approved | | |
|-------------------|---------|-------|
| Sl. No. | Doc No. | Title |
| No Records Found | | |

| Preliminary Draft Standards | | |
|-----------------------------|---|---|
| Sl. No. | Doc No. | Title |
| 1 | MTD 16 (27719) | Alloys Steel Plates for Pressure Vessels Specification |
| 2 | MTD 16 (28070) Revision of: IS 12145:1987 | Specification for quenched and tempered alloy steel forgings for pressure vessels |
| 3 | MTD 16 (28120) Revision of: IS 5517:1993 | STEELS FOR HARDENING AND TEMPERING SPECIFICATION |
| 4 | MTD 16 (28151) | Stainless Steel Semi-Finished Products Bars Wire Rods and Bright Bars Specification Second Revision Amendment - 1 |
| 5 | MTD 16 (28680) Revision of: IS 9294:2023 | STAINLESS-STEEL PLATE SHEET AND STRIP FOR RAZOR BLADES SPECIFICATION |
| 6 | MTD 16 (28864) Revision of: IS 15997:2012 | Low Nickel Austenitic Stainless Steel Plate Sheet and Strip for Utensils and Kitchen Appliances Specification |

| Drafts Standards in WC Stage | | |
|------------------------------|---------|-------|
| Sl. No. | Doc No. | Title |
| No Records Found | | |

| Draft Standards Completed WC Stage | | |
|------------------------------------|----------------|--|
| Sl. No. | Doc No. | Title |
| 1 | MTD 16 (27717) | Hot Rolled Alloy Steel Bars Specification |
| 2 | MTD 16 (27878) | STAINLESS STEEL PLATE SHEET AND STRIP - SPECIFICATION Third revision |

| Finalized Draft Indian Standard | | |
|---------------------------------|---------|-------|
| Sl. No. | Doc No. | Title |
| No Records Found | | |

| Finalized Draft Indian Standards under Print | | |
|--|---------|-------|
| Sl. No. | Doc No. | Title |
| No Records Found | | |

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| Total Published Standards:74 | Total Standards Under development:8 |
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Aspect Wise Report

Product : 54
Code of Practices : 4
Methods of Test : 0
Terminology : 2
Dimensions : 12
System Standard : 0
Safety Standard : 0
Others : 3
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

| Sl. No. | IS No. & Year | Title |
|---------|---|--|
| 1 | IS 1870:1965 Reviewed In : 2014 | Comparison of Indian and overseas standards for wrought steels for general engineering purposes |
| 2 | IS 3749:1978 | Tool and die steels for cold work |
| 3 | IS 4430:1979 Reviewed In : 2019 | Specification for mould steels First Revision |
| 4 | IS 5489:1975 Reviewed In : 2019 | Specification for carburizing steels for use in bearing industry First Revision |
| 5 | IS 6527:1995 Reviewed In : 2024 ISO I6143-2 | Stainless steel wire rods - Specification First Revision |
| 6 | IS 7291:1981 Reviewed In : 2019 ISO 683 | Specification for high speed tool steels First Revision |
| 7 | IS 9175 (Part 1):1979 Reviewed In : 2019 | Rationalized steels for the automobile and ancillary industry Part 1 chemical composition |
| 8 | IS 9175 (Part 2):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 2 15c8 grade steel |
| 9 | IS 9175 (Part 3):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 3 25c8 grade steel |
| 10 | IS 9175 (Part 4):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 4 30c8 grade steel |
| 11 | IS 9175 (Part 5):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 5 35c8 grade steel |
| 12 | IS 9175 (Part 6):1986 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 6 mechanical and physical properties of 40c8 grade steel |
| 13 | IS 9175 (Part 7):1986 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 7 mechanical and physical properties of 45c8 grade steel |
| 14 | IS 9175 (Part 8):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 8 55c8 grade steel |
| 15 | IS 9175 (Part 9):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 9 11c10s25 grade steel |
| 16 | IS 9175 (Part 10):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 10 14c14s14 grade steel |
| 17 | IS 9175 (Part 11):1985 Reviewed In : 2019 | Specification for rationalized steels for automobile and ancillary industry mechanical and physical properties Part 11 25c12s14 grade steel |
| 18 | IS 9175 (Part 12):1988 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 12 mechanical and physical properties of 35 mn6mo3s15 |
| 19 | IS 9175 (Part 13):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 13 mechanical and physical properties of 40c15s12 grade steel |
| 20 | IS 9175 (Part 15):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 15 mechanical and physical properties of 37c15 grade steel |
| 21 | IS 9175 (Part 16):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 16 mechanical and physical properties of 35mn6mo3 grade steel |
| 22 | IS 9175 (Part 17):1987 | Specification for rationalized steels for the automobile and ancillary industry Part 17 mechanical |

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| | Reviewed In : 2019 | and physical properties of 35mn6mo4 grade steel |
| 23 | IS 9175 (Part 18):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 18 mechanical and physical properties of 15cr3 grade steel |
| 24 | IS 9175 (Part 19):1986 Reviewed In : 2019 | Rationalized steels for the automobile and ancillary industry Part 19 mechanical and physical properties of 16mn5cr4 grade steel |
| 25 | IS 9175 (Part 20):1986 Reviewed In : 2019 | Rationalized steels for the automobile and ancillary industry Part 20 mechanical and physical properties of 20mnCr5 grade steel |
| 26 | IS 9175 (Part 21):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 21 mechanical and physical properties of 40cr4 grade steel |
| 27 | IS 9175 (Part 22):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 22 mechanical and physical properties of 40cr4mo3 grade steel |
| 28 | IS 9175 (Part 23):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 23 mechanical and physical properties of 25cr13mo6 grade steel |
| 29 | IS 9175 (Part 24):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 24 mechanical and physical properties of 35ni5cr2 grade steel |
| 30 | IS 9175 (Part 25):1987 Reviewed In : 2019 | Secification for rationalized steels for the automobile and ancillary industry Part 25 mechanical and physical properties of 15ni5cr4mol grade steel |
| 31 | IS 9175 (Part 26):1986 Reviewed In : 2019 | Rationalized steels for the automobile and ancillary industry Part 26 mechanical and physical properties of 16ni3cr2 grade steel |
| 32 | IS 9175 (Part 27):1987 Reviewed In : 2019 | Specificaton for rationalized steels for the automobile and ancillary industry Part 27 mechanical and physical properties of 15ni7cr4mo2 grade steel |
| 33 | IS 9175 (Part 28):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 28 mechanical and physical properties of 40ni6cr4mo3 grade steel |
| 34 | IS 9175 (Part 29):1987 Reviewed In : 2019 | Rationalized steels for the automobile and ancillary industry Part 29 mechanical and physical properties of 40ni10cr3mo6 grade steel |
| 35 | IS 9175 (Part 30):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 30 mechanical and physical properties of 20ni7crMo2 grade steel |
| 36 | IS 9175 (Part 31):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 31 mechanical and physical properties of 20ni7mo2 grade steel |
| 37 | IS 9175 (Part 32):1987 Reviewed In : 2019 | Specification for rationalized steels for the automobile and ancillary industry Part 32 mechanical and physical properties of 2onicro2 grade steel |
| 38 | IS 9175 (Part 33):1988 Reviewed In : 2019 | Specification for rationalized - steels for the automobile and ancillary industry Part 33 mechanical and physical properties of 42cr6v10 grade steel |
| 39 | IS 9175 (Part 34):1986 Reviewed In : 2019 | Rationalized steels for the automobile and ancillary industry Part 34 mechanical and physical properties of 14crNi6 grade steel |

Annexure-II :List of Indian Product Standards

| Sl. No. | IS No. & Year | Title |
|---------|--|---|
| 1 | IS 10631:1983 Reviewed In : 2024 | Specification for stainless steel for welding electrode core wire |
| 2 | IS 10632 (Part 1):1983 Reviewed In : 2024 | Specification for non magnetic stainless steels for electrical applications Part 1 general requirements |
| 3 | IS 10632 (Part 2):1983 Reviewed In : 2024 | Specification for non magnetic stainless steels for electrical applications Part 2 specific requirements for binding wires |
| 4 | IS 10632 (Part 3):1983 Reviewed In : 2024 | Specification for non magnetic stainless steels for electrical applications Part 3 specific requirements for sheets strips and plates |
| 5 | IS 11169 (Part 1):2022 1833-13:2019 | Specification for steels for cold headingcold extrusion applications Part 1 wrought carbon and low alloy steels |
| 6 | IS 11169 (Part 2):2023 | STEELS FOR COLD HEADING COLD EXTRUSION APPLICATIONS part 2 stainless steels- SPECIFICATION first revision |
| 7 | IS 11946:1987 Reviewed In : 2023 | Specification for soft magnetic iron strips |
| 8 | IS 11947:1987 Reviewed In : 2023 | Specification for soft magnetic iron rods bars flats and sections |
| 9 | IS 11952:1986 Reviewed In : 2024 | Specification for steels for piston pins Gudgeon Pins |
| 10 | IS 12045:2025 | ALLOYS USED IN ELECTRICAL RESISTANCE METALLIC HEATING ELEMENTS - SPECIFICATION First Revision |

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|----|--|---|
| 11 | IS 12145:1987 Reviewed In : 2024 | Specification for quenched and tempered alloy steel forgings for pressure vessels |
| 12 | IS 12146:1987 Reviewed In : 2023 | Specification for carbon manganese steel forgings for pressure vessels |
| 13 | IS 12390:1988 Reviewed In : 2024 | Specification for iron nickel alloy 36 for ceramic sealing |
| 14 | IS 12391:1988 Reviewed In : 2024 | Specification for iron nickel controlled expansion sealing alloys |
| 15 | IS 12549:1988 Reviewed In : 2024 | Specification for Iron-Nickel-Cobalt Sealing Alloy |
| 16 | IS 12658:2024 | Grinding media rolledforged carbon and Carbon - Chromium steels - Specification First Revision |
| 17 | IS 12836:1989 Reviewed In : 2019 | 36 - Nickel iron soft magnetic rods - Specification |
| 18 | IS 12881:1990 Reviewed In : 2019 | 36 - Nickel iron soft magnetic strips - Specification |
| 19 | IS 12882:1990 Reviewed In : 2024 | 48 - Nickel iron soft magnetic strip - Specification |
| 20 | IS 13352:1992 Reviewed In : 2024 | Stock for forgings produced from continuously cast blooms billets and slabs - Specification |
| 21 | IS 13387:1992 Reviewed In : 2024 | Tool steel forgings for metal forming - Specification |
| 22 | IS 14331:1995 Reviewed In : 2023 | Steels for high temperature bolting applications - Specification |
| 23 | IS 14652:1999 Reviewed In : 2023 | 18 percent nickel maraging steel bars and rods - Specification |
| 24 | IS 14698:1999 Reviewed In : 2023 | Carbon and low alloy steel billets blooms slabs and bars for manufacture of shell bodies and proof shots used in defence services - Specification |
| 25 | IS 15997:2012 Reviewed In : 2022 | Low nickel austenitic stainless steel plate sheet and strip for utensils and kitchen appliances - Specification |
| 26 | IS 16733:2018 ISO 11692 : 1994 Reviewed In : 2024 ISO 11692:1994 | Ferritic-Pearlitic Engineering Steels for Precipitation Hardening from Hot-Working Temperatures |
| 27 | IS 17111:2025 ISO 683-17:2023 | HEAT-TREATABLE STEELS ALLOY STEELS AND FREE-CUTTING STEELS - BALL AND ROLLER BEARING STEELS First Revision |
| 28 | IS 18755:2024 | Tri-ply SS-AL-SS material used for manufacture of utensils and kitchen appliances Specification |
| 29 | IS 2004:1991 Reviewed In : 2023 | Carbon steel forgings for general engineering purposes - Specification Third Revision |
| 30 | IS 2611:1964 Reviewed In : 2023 | Specification for carbon chromium molybdenum steel forgings for high temperature service |
| 31 | IS 3261:1980 Reviewed In : 2023 | Specification for carbon steel forgings for shipbuilding industry First Revision |
| 32 | IS 3431:1982 Reviewed In : 2022 | Specification for steel for the manufacture of volute helical and laminated springs for automotive suspension Second Revision |
| 33 | IS 3445:1992 Reviewed In : 2024 | Forged steel rolls - Specification First Revision |
| 34 | IS 3748:2022 4957:2018 | Tool Steels - Specification |
| 35 | IS 3930:1994 Reviewed In : 2024 | Flame and induction hardening steels - Specification Second Revision |
| 36 | IS 4367:1991 Reviewed In : 2024 | Alloy steel forgings for general industrial use - Specification First Revision |
| 37 | IS 4398:1994 Reviewed In : 2024 | Carbon - Chromium steel for the manufacture of balls rollers and bearing races - Specification Second Revision |
| 38 | IS 4431:1978 | Specification for carbon and carbon manganese free cutting steels First Revision |

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| | Reviewed In : 2024 ISO 683-4 | |
| 39 | IS 4432:1988 Reviewed In : 2024 ISO 683-3 | Specification for case hardening steels First Revision |
| 40 | IS 4454 (Part 4):2001 Reviewed In : 2022 ISO 6931-1 | Steel wires for mechanical springs Part 4 stainless steel wire Second Revision |
| 41 | IS 5517:1993 Reviewed In : 2024 ISO 683-1 & 2 | Steels for hardening and tempering - Specification Second Revision |
| 42 | IS 5518:1996 Reviewed In : 2024 | Steels for die blocks for drop forging - Specification Second Revision |
| 43 | IS 5522:2014 Reviewed In : 2024 | Stainless steel sheets and strips for utensils - Specification Third Revision |
| 44 | IS 5651:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive | Specification for steels for pneumatic tools First Revision |
| 45 | IS 6528:2024 | Stainless steel wire - Specification Second Revision |
| 46 | IS 6529:1996 Reviewed In : 2023 | Stainless steel blooms billets and slabs for forging - Specification First Revision |
| 47 | IS 6603:2024 | Stainless Steel Semi-Finished Products Bars Wire Rods and Bright Bars Specification Second Revision |
| 48 | IS 6911:2017 Reviewed In : 2022 ISO 9444-1 &2, 9445-1 &2,15510, | Stainless steel plate sheet and strip - Specification Second Revision |
| 49 | IS 7494:2023 | ALLOYS FOR INTERNAL COMBUSTION ENGINE VALVE APPLICATIONS SPECIFICATION Second Revision |
| 50 | IS 8748:2023 | FORGED ROLLED CTC SEGMENTS -SPECIFICATION First Revision |
| 51 | IS 9294:2023 | COLD-ROLLED STAINLESS STEEL STRIPS FOR RAZOR BLADES - Specification First Revision |
| 52 | IS 9516:1980 Reviewed In : 2024 ISO 4955 | Specification for heat resisting steels |
| 53 | IS 963:1958 Reviewed In : 2021 | Specification for chrome molybdenum steel bars and rods for aircraft purposes |
| 54 | IS 9683:1980 Reviewed In : 2023 | Specification for carbon and low alloy steel forgings for fired and unfired pressure vessels |