

**उत्पादन एवं सामान्य अभियांत्रिकी विभाग**

**PRODUCTION AND GENERAL ENGINEERING DEPARTMENT**

Our Ref: PGD 35/A-2.6

हमारा सन्दर्भ: पीजीडी 35/ए-2.6

18-01-2019

**विषय : मशीनी औजार, मशीनी औजार और पकड़ने की युक्तियाँ विषय समिति, पीजीडी 35 के अंतरगत भारतीय मानकों की पुनः पुष्टि**

**Subject:** Reaffirmation of Indian Standards pertaining to Machine Tools, Machine Tool Elements and Holding Devices Sectional Committee, PGD 35

**मशीनी औजार, मशीनी औजार और पकड़ने की युक्तियाँ विषय समिति, पीजीडी 35 द्वारा (Annex I) में अनुलग्न भारतीय मानकों की पुनः पुष्टि आगामी पांच वर्षों के लिए जनवरी 2019 के महीने के दौरान की गयी है।**

The Indian Standards reaffirmed during the month of January 2019 from their respective due date by the concerned Sectional Committee for the period of five years are given in Annex I.

(निदेशक) क्रय / (निदेशक (पुस्तकालय सेवा) / निदेशक) प्रकाशन (इन भारतीय मानकों की पुनः पुष्टि का वर्ष निर्धारित करने के लिए आवश्यक कार्यवाही करें।

Director (Sales)/DPT/Director (Library) may please take suitable action for affirming the year of reaffirmation to the above mentioned standards.

(एरंगाराजन) / (A Rengarajan)  
वैज्ञानिक 'ई' एवं प्रमुख/Sc-E & Head

- i) All Regional Offices
- ii) All Branch Offices (All by email)
- iii) All Inspection Offices
- iv) All Technical Departments in HQ
- v) All Labs
- vi) ITS Dept - with the request to upload the information on BIS intranet

## Annex I

S.No.	IS No.	TITLE
1.	IS 1878 : Part 1 : 1993	Test chart for general purpose parallel lathes:Part 1 Lathes with swing over bed up to 800 mm (Second Revision)
2.	IS 1878 : Part 2 : 1992	Test chart for general purpose parallel lathes:Part 2 Lathes with swing over bed over uo to 800 mm and up to 1600 mm (Second Revision)
3.	IS 1878 : Part 3 : 1998	Test chart for general purpose parallel lathes Part 3: Lathes with swing over bed over 1600mm and upto 2500mm
4.	IS 2199 : 1989	Radial drilling machines - Test chart (First Revision)
5.	IS 2367 : 1981	Test chart for box type vertical drilling machines (First Revision)
6.	IS 2425 : 1982	Test chart for pillar type vertical drilling machines (First Revision)
7.	IS 2426 : 1985	Test chart for bench drilling machines
8.	IS 2534 : 1999	Carbide Tipped Dead Centres - Specification (First Revision)
9.	IS 2743 : 1992	Test chart for surface grinding machines with horizontal grinding wheel spindle and reciprocating table (Second Revision)
10.	IS 2804 : 1998	Palm grips - Specification (First Revision)
11.	IS 2877 : 1986	Test chart for single and double column planing machines (Second Revision)
12.	IS 2909 : 1998	Star grips - Specification (First Revision)
13.	IS 2987 : 1992	Direction of operation of controls for machine tools - Recommendations (Second Revision)
14.	IS 2995 : 1988	Specification for Set Collars
15.	IS 3080 : 1965	Test chart for universal tool and cutter grinders
16.	IS 3691 : 1990	Woodworking machines - Table bandsawing machines-Nomenclature and acceptance conditions (Second Revision)
17.	IS 3694 : 1991	Test Chart For Woodworking Turning Lathes (Second Revision)
18.	IS 3793 : 1966	Specification for Live Centres
19.	IS 4502 : 1999	Machine Vices - Specification (Second Revision)
20.	IS/ISO 5170 : 1977	Machine Tools - Lubrication Systems
21.	IS 6040 : 1993	Test chart for precision lathes - Lathes with swing over bed up to 500 mm and distance between centres up to 1500 mm (First Revision)
22.	IS 6197 : 1971	Test chart for vertical boring and turning mills with table diameter up to 1600 mm
23.	IS 6337 : 1989	Thrust Pads (fixtures) - Specification (First Revision)
24.	IS 6338 : 1989	Clamping Screws (fixtures) - Specification (First Revision)
25.	IS 6440 : 1997	Quick Action Drilling Jigs - Specification (First Revision)
26.	IS/ISO 6480 : 1983	Conditions of Acceptance for Horizontal Internal Broaching Machines - Testing of the Accuracy
27.	IS 6679 : 1972	Test chart for general purpose gear shaping machines (Table diameter up to 1000 mm)
28.	IS 6893 : Part 1 : 1988	Proforma for purchase specification for machine tools:Part 1 General purpose parallel lathes and precision lathes (First Revision)
29.	IS 6893 : Part 2 : 1987	Proforma for purchase specification for machine tools:Part 2 Horizontal/universal knee-type milling machines (First Revision)
30.	IS 6893 : Part 3 : 1988	Proforma for purchase specification for machine tools:Part 3 Radial drilling machines (First Revision)

31.	IS 6893 : Part 4 : 1987	Proforma for purchase specification for machine tools:Part 4 Vertical turning and boring lathes (First Revision)
32.	IS 6893 : Part 5 : 1987	Proforma for purchase specification for machine tools:Part 5 Milling machine with table of variable height with vertical spindle (First Revision)
33.	IS 6893 : Part 6 : 1985	Proforma for purchase specification for machine tools:Part 6 Bench/pillar type drilling machines
34.	IS 6893 : Part 7 : 1990	Proforma for purchase specification for machine tools:Part 7 External cylindrical grinding machines with horizontal spindle
35.	IS 6893 : Part 8 : 1992	Proforma for purchase specification for machine tools:Part 8 Internal cylindrical grinding machines with horizontal spindle
36.	IS 6893 : Part 9 : 1990	Proforma for Purchase Machine Tools - Part 9 : Surface Grinders with Horizontal Axis
37.	IS 6893 : Part 10 : 1992	Proforma for purchase specification for machine tools:Part 10 Copying lathes
38.	IS 6893 : Part 11 : 1992	Proforma for purchase specification for machine tools:Part 11 Capstan and turret lathes
39.	IS 6893 : Part 12 : 1992	Porforma for purchase specification for machine tools:Part 12 Horizontal boring and milling machines (table type)
40.	IS 7228 : 1983	Recommended spindle diameters for woodworking machines with rotating bored tools (First Revision)
41.	IS 7249 : 1993	Woodworking machines - Thickness planing machines with rotary cutterblock of one-side dressing - Nomenclature and acceptance conditions (First Revision)
42.	IS 7258 : 1990	Woodworking Machines - Single Spindle Molding Machines - Nomenclature and Acceptance Conditions (First Revision)
43.	IS 7266 : 1991	Test chart for woodworking slot mortising machines (First Revision)
44.	IS 7267 : 1991	Test chart for woodworking surface planing machines with cutter block for one-side dressing (First Revision)
45.	IS 7279 : 1992	Test Chart for Woodworking Single Spindle Boring Machines (First Revision)
46.	IS 7286 : 1991	Test chart for woodworking single chain mortising machines (First Revision)
47.	IS 7289 : 1992	Test chart for woodworking planing machines for two, three or four-side dressing (First Revision)
48.	IS 7294 : 1990	Woodworking machines - Single blade circular saw benches with or without travelling table - Nomenclature and acceptance conditions (First Revision)
49.	IS 7296 : 1992	Test Chart for Woodworking Surface Planing and Thickness Machines (First Revision)
50.	IS 8107 : 1993	Wood working machines - Routing machines - Nomenclature and acceptance conditions (First Revision)
51.	IS 8165 : 2010	Test chart for manually operated dividing heads for machine tools (First Revision)
52.	IS 8407 : 2010	Acceptance Conditions for Gear Hobbing Machines - Testing of the Accuracy (First Revision)
53.	IS/ISO 8636 : PART 1 :1987	Test Chart for Plano-Milling Machines - Part 1 : Portal-Type Machines
54.	IS 8964 : 1999	Safety Conditions for Woodworking Machines - Recommendations (First Revision)
55.	IS 9474 : 1980	Principles of Mechanical Guarding of Machinery
56.	IS 9722 : 1981	Dimensions for modular units for machine tool construction-slide units
57.	IS 9723 : 1981	Dimensions for modular units for machine tool construction-multi-spindle heads- casing and input drive shaft dimensions
58.	IS 9737 : 1981	Dimensions for Modular Units for Machine Tool Construction - Headstocks
59.	IS 9809 : 1981	Test chart for crankshaft grinding machines
60.	IS 10188 : 1982	Dimensions for modular units for machine tool construction - wing bases for columns

61.	IS 10575 : 1983	Dimensions for modular units for machine tool construction - Rotary tables
62.	IS 10576 : 1983	Dimensions for modular units for machine tool construction - Wing bases for slide units
63.	IS 10941 : 1984	Sizes for dovetail guideways for machine tools
64.	IS 10949 : 1984	Code of practice for painting procedure for machine tools
65.	IS 11011 : 1984	Glossary of Terms Relating to Wood Working Machines
66.	IS 11016 : 1984	General safety requirements for machine tools and their operation
67.	IS 11107 : 1984	Dimensions for modular units for machine tool construction - columns
68.	IS 11133 : 1984	Recommendations for symbols for lubrications appearing on machine tools
69.	IS 11648 : 1986	Nomenclature for modular machine tools
70.	IS 11846 : 1987	Dimensions For Modular Units For Machine Tool Construction - Tenon Drive And Flanges For Mounting Multi-spindle Heads
71.	IS 12106 : 1987	Dimensions for Modular Units for Machine Tool Construction - Spindle Units
72.	IS 12280 : 1988	Specification for Tenon without Counter bore
73.	IS 12281 : 1988	Mounting dimensions of machine tool doors with hinges
74.	IS 12296 : 1988	Test Chart for Thread Rolling Machines With Cylindrical Dies
75.	IS 12582 : 1989	Specification for Tommy Screws With Fixed Bar
76.	IS 12850 : 1987	Modular units for machine tool construction - Support brackets
77.	IS/ISO 13041 : Part 1 : 2004	Test Conditions for Numerically Controlled Turning Machines and Turning Centers Part 1 Geometric Tests for Machines with a Horizontal Work holding Spindle
78.	IS 13543 : 1992	Modular Units for Machine Tool Construction - Centre Bases and Columns
79.	IS 13635 : 1993	Numerical Control of Machines - Symbols
80.	IS 14872 : Part 2 : 2000	Ball Screws - Part 2 : Nominal Diameters and Nominal Leads - Metric Series
81.	IS 14872 : Part 3 : 2013	Ball Screws - Part 3 : Acceptance Conditions and Acceptance Tests
82.	IS 15246 : 2002	Machine Tools - Front Faces of Spindle Holders for Machining Centers - Functional Dimensions
83.	IS 15247 : 2002	7/24 Tapers for Tool Shanks for Automatic Changing - Tapers for Spindle Noses
84.	IS 15248 : Part 1 : 2013	Machine Tools - Dimensions and Geometric Tests for Self-Centering Chucks with Two-Piece Jaws Part 1 Manually Operated Chucks with Tongue and Groove Type Jaws
85.	IS 15249 : 2002	Machine Tools - Jaw Mountings on Power Chucks
86.	IS 15649 : 2006	Machine Tools Chip Bins For Chip Conveyor - Specification