

BUREAU OF INDIAN STANDARDS

Program of Work

PGD 4 : Metal Forming Machines

Scope: Standardization in the field of various technical aspects of metal forming machines both by hot and cold processes and their machines (Presses, press brakes, shears, shear blades, moulds including plastic injection moulds, forging machines, nibs and dies for wire and tube drawing operations, aluminium diecasting dies, and their related tooling).

Liaison: **ISO TC-ISO/TC 29 SC-SC 8 (O): Tools for pressing and moulding** **ISO TC-29 SC-8 (O): Tools for pressing and moulding**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10068 (Part 2):2018	Press working die sets (Plain Type) - Specification: Part 2 centre post square die sets (First Revision)	August, 2024	-	Indigenous
2	IS 10068 (Part 3):1990	Press working die sets - Plain type - Specification: Part 3 centre post round die sets	April, 2022	-	Indigenous
3	IS 10068 (Part 4):1997	Press working die sets (Plain Type): Part 4 rear post rectangular die sets - Specification	April, 2022	-	Indigenous
4	IS 10068 (Part 5):1996	Press working die sets (Plain Type): Part 5 rear post square die sets - Specification	April, 2022	-	Indigenous
5	IS 10068 (Part 6):1996	Press working die sets (Plain Type): Part 6 rear post round die sets - Specification	April, 2022	-	Indigenous
6	IS 10068 (Part 1):2018	Press Working Die Sets (Plain Type) " Specification Part 1 Centre Post Rectangular Die Sets (First Revision)	-	-	Indigenous
7	IS 10644:1983	Recommendation on preferred shut heights for mechanical presses	March, 2021	1	Indigenous
8	IS 10650:1983 Reaffirmed but not taken up for revision	Specification for pressure pins	March, 2021	1	Indigenous
9	IS 10731:2000	Presses - Slide holes for locating the shanks - Dimensions (First Revision)	March, 2021	-	Indigenous
10	IS 11344:1985 ISO 5407 Reaffirmed but not	Dimen - Sions for sintered carbide pellets used in heading dies	March, 2021	-	Not Equivalent

	taken up for revision ISO 5407:1981				
11	IS 11372:1985	Proforma for purchase specification and technical features for belt drop hammers	March, 2021	1	Indigenous
12	IS 11443 (Part 1):2016 ISO 6753-1 : 2005	Tools for pressing and moulding - Machined plates: Part 1 machined plates for press tools (Second Revision)	September, 2025	-	Indigenous
13	IS 11443 (Part 2):2003 ISO 6753-2	Tools for pressing and moulding - Machined plates: Part 2 machined plates for moulds (First Revision)	August, 2024	-	Indigenous
14	IS 11505:1986 ISO 5396	Recommendations on terminology of hardmetal heading dies ISO title : hardmetal heading dies - Terminology)	March, 2021	-	Indigenous
15	IS 11524:1986 ISO 1651	Specification for carbide mandrels for tube drawing dies	March, 2021	-	Indigenous
16	IS 11684:1986 Reaffirmed but not taken up for revision	Test chart for spinning and planishing lathes	March, 2021	-	Indigenous
17	IS 11742:1986 Reaffirmed but not taken up for revision	Test chart for die sets	March, 2021	-	Indigenous
18	IS 12852:1989	Gap frame hydraulic presses up to 4000 KN - Recommendation on preferred capacities and dimensions	March, 2021	1	Indigenous
19	IS 12984:1990	Proforma for purchase specification for plate bending machines	March, 2021	-	Indigenous
20	IS 14497:1997	Capacity rating and dimensions for trimming presses	August, 2024	-	Indigenous
21	IS 14757:2000	RECOMMENDATIONS ON PREFERRED CAPACITIES AND DIMENSIONS FOR STRAIGHT-SIDED COLUMN TYPE AND FOUR PILLAR TYPE HYDRAULIC PRESSES	March, 2021	-	Indigenous
22	IS 14758:2000	Forging machine tools - Glossary of terms	March, 2021	-	Indigenous
23	IS 14877 (Part 1):2000	Hydraulic presses - Straight sided column/C - Frame type: Part 1 test chart for geometrical accuracy	March, 2021	-	Indigenous
24	IS 14877 (Part 2):2002	Hydraulic presses - Straight sided column/C - Frame type: Part 2 test chart for technical (Performance) evaluation of presses and press brakes	August, 2024	-	Indigenous
25	IS 14878:2000	Test chart for plate bending machines	September, 2025	-	Indigenous
26	IS 15300:2016 ISO 8695 : 2010	Tools for pressing - Punches - Nomenclature and terminology	December, 2021	-	Identical under dual numbering

	ISO 8695:2010	(First Revision)			
27	IS 15318:2003 ISO 8540	Open front mechanical power presses - Vocabulary	August, 2024	-	Indigenous
28	IS 15424 (Part 5):2022 ISO 9182-5:2020 ISO 9182-5:2020	Tools for pressing â€” Guide pillars: Part 5 Type D, end-locking pillars with flange (Second Revision)		-	Identical under dual numbering
29	IS 15424 (Part 3):2021 ISO 9182-3:2020 ISO 9182-3:2020	Tools for pressing â€” Guide pillars: Part 3 Type B, end-locking pillars (Second Revision)	September, 2025	-	Identical under dual numbering
30	IS 15424 (Part 1):2018 ISO 9182-1 : 2013 ISO 9182-1:2013	Tools for Pressing - Guide Pillars - Part 1 Types (First Revision)	May, 2023	-	Identical under dual numbering
31	IS 15424 (Part 2):2018 ISO 9182-2 : 2013 ISO 9182-2:2013	Tools for pressing - Guide pillars: Part 2 type A, straight pillars (First Revision)	May, 2023	-	Identical under dual numbering
32	IS 15424 (Part 4):2022 ISO 9182-4:2020 ISO 9182-4:2020	Tools for pressing â€” Guide pillars: Part 4 Type C, pillars with taper lead and bush (Second Revision)		-	Identical under dual numbering
33	IS 15448 (Part 1):2018 ISO 9448-1 : 2013 ISO 9448-1:2013	Tools for pressing - Guide bushes: Part 1 forms (First Revision)	August, 2024	-	Identical under dual numbering
34	IS 15448 (Part 10):2018 ISO 9448-10 : 2013 ISO 9448-10	Tools for pressing - Guide bushes: Part 10 form E, gliding bushes, flanged, type 2 (First Revision)	May, 2023	-	Identical under dual numbering
35	IS 15448 (Part 11):2018 ISO 9448-11 : 2013 ISO 9448-11	Tools for pressing - Guide bushes: Part 11 form F, ball cage bushes, flanged, type 2 (First Revision)	May, 2023	-	Identical under dual numbering
36	IS 15448 (Part 2):2017 ISO 9448-2 : 2013 ISO 9448-2	Tools for pressing - Guide bushes: Part 2 form A, gliding bushes, plain, type 1 (First Revision)	August, 2024	-	Identical under dual numbering
37	IS 15448 (Part 3):2018 ISO 9448-3 : 2013 ISO 9448-3	Tools for pressing - Guide bushes: Part 3 form B, ball cage bushes, plain, type 1 (First Revision)	August, 2024	-	Identical under dual numbering
38	IS 15448 (Part 4):2018 ISO 9448-4 ISO 9448-4:1991	Tools for pressing - Guide bushes: Part 4 form C, gliding bushes, headed, type 1 (First Revision)	August, 2024	-	Identical under dual numbering
39	IS 15448 (Part 5):2018 ISO 9448-5 : 2013 ISO 9448-5	Tools for pressing - Guide bushes: Part 5 form D, ball cage bushes, headed, type 1 (First Revision)	August, 2024	-	Identical under dual numbering
40	IS 15448 (Part 6):2018 ISO 9448-6 : 2013 ISO 9448-6	Tools for pressing - Guide bushes: Part 6 form E, gliding bushes, flanged, type 1 (First Revision)	May, 2023	-	Identical under dual numbering
41	IS 15448 (Part 7):2018 ISO 9448-7 : 2013	Tools for pressing - Guide bushes: Part 7 form F, ball cage bushes, flanged, type 1 (First Revision)	May, 2023	-	Identical under dual numbering

	ISO 9448-7:2013				
42	IS 15448 (Part 8):2018 ISO 9448-8 : 2013 ISO 9448-8	Tools for pressing - Guide bushes: Part 8 form G, gliding bushes, stepped, type 1 (First Revision)	May, 2023	-	Identical under dual numbering
43	IS 15448 (Part 9):2018 ISO 9448-9 : 2013 ISO 9448-9	Tools for pressing - Guide bushes: Part 9 form B, ball cage bushes, plain, type 2 (First Revision)	May, 2023	-	Identical under dual numbering
44	IS 15744:2007	Angular Deflection for "C" Frame Mechanical Presses — Specification	August, 2024	-	Indigenous
45	IS 15745:2007	Deflection for straight sided mechanical presses - Specification	August, 2024	-	Indigenous
46	IS 15746:2007	ANGULAR DEFLECTION FOR 'C' FRAME HYDRAULIC PRESSES - SPECIFICATION	August, 2024	-	Indigenous
47	IS 15747:2007	Angular deflection for straight sided hydraulic presses - Specification	August, 2024	-	Indigenous
48	IS 16728:2022 ISO 23481:2021 ISO 23481:2021	Tools for pressing $i_i \frac{1}{2}$ Cam driver plates (First Revision)		-	Identical under dual numbering
49	IS 16793 (Part 1):2019 ISO 11900-1 : 2007 ISO 11900-1:2007	Tools for pressing - Ball - Lock punch retainers: Part 1 types A and B, rectangular and square for light duty	May, 2023	-	Identical under dual numbering
50	IS 16793 (Part 2):2019 ISO 11900-2 : 2008 ISO 11900-2:2008	Tools for pressing - Ball - Lock punch retainers: Part 2 types C and D, reduced for light duty	May, 2023	-	Identical under dual numbering
51	IS 16793 (Part 3):2018 ISO 11900-3 : 2004 ISO 11900-3:2004	Tools for pressing - Ball - Lock punch retainers: Part 3 type E, reduced for heavy duty	May, 2023	-	Identical under dual numbering
52	IS 16794 (Part 2):2019 ISO 10242-2 : 2008 ISO 10242-2:2008	Tools for pressing - Punch holder shanks: Part 2 type C	May, 2023	-	Identical under dual numbering
53	IS 16794 (Part 1):2019 ISO 10242-1 : 2011 ISO 10242-1:2011	Tools for pressing - Punch holder shanks: Part 1 type A	May, 2023	-	Identical under dual numbering
54	IS 16794 (Part 3):2019 ISO 10242-3:2008 ISO 10242-3:2008	Tools for pressing Punch holder shanks Part 3 Type D		-	Identical under single numbering
55	IS 16795:2018 ISO 11415 : 1997 ISO 11415:1997	Tools for pressing - Die sets	May, 2023	-	Identical under dual numbering
56	IS 16796:2022 ISO 10243:2019 ISO 10243:2019	Tools for pressing "Housing Compression springs with rectangular section" Housing dimensions and colour coding (First Revision)		-	Identical under dual numbering
57	IS 16799:2018 ISO 8977 : 2003 ISO 8977:2003	Tools for pressing - Matrixes	May, 2023	-	Identical under dual numbering
58	IS 16800 (Part	Tools for pressing - Wear plates	May, 2023	-	Identical under dual

	1):2018 ISO 9183-1 : 2008 ISO 9183-1:2008	for press dies: Part 1 type A			numbering
59	IS 16800 (Part 2):2018 ISO 9183-2 : 2011 ISO 9183-2:2008	Tools for pressing - Wear plates for press dies: Part 2 type B		-	Identical under dual numbering
60	IS 16924:2018 ISO 6751:2011 ISO 6751:2011	Tools for Moulding -Ejector Pins with Cylindrical Head	May, 2023	-	Identical under dual numbering
61	IS 16925:2018 ISO 8017 : 2007 ISO 8017 : 2007	Tools for Moulding - Guide Pillars, Straight and Shouldered, and Locating Guide Pillars, Shouldered	May, 2023	-	Identical under dual numbering
62	IS 16926:2018 ISO 8018 : 2007 ISO 8018:2007	Tools for Moulding -Guide Bushes, Headed, and Locating Guide Bushes, Headed	May, 2023	-	Identical under dual numbering
63	IS 16927:2023 ISO 8404:2021 ISO 8404:2021	Tools for Moulding Angle Pins		-	Identical under dual numbering
64	IS 16928:2022 ISO 8405:2020 ISO 8405:2020	Tools for moulding $\frac{1}{2}$ Ejector sleeves with cylindrical head $\frac{1}{2}$ Basic series for general purposes (First Revision)		-	Identical under dual numbering
65	IS 16929:2018 ISO 8406 : 2008 ISO 8406 : 2008	Tools for Moulding - Mould Bases - Round Locating Elements and Spacers	May, 2023	-	Identical under dual numbering
66	IS 16930:2018 ISO 8693 : 2011 ISO 8693 : 2011	Tools for Moulding - Flat Ejector Pins	May, 2023	-	Identical under dual numbering
67	IS 16931:2018 ISO 8694 : 2011 ISO 8694 : 2011	Tools for Moulding - Shouldered Ejector Pins	May, 2023	-	Identical under dual numbering
68	IS 16932:2018 ISO 9449 : 2007 ISO 9449 : 2007	Tools for Moulding - Centring Sleeves	May, 2023	-	Identical under dual numbering
69	IS 16933:2018 ISO 10072 : 2004 ISO 10072:2004	Tools for Moulding - Sprue Bushes - Dimensions	May, 2023	-	Identical under dual numbering
70	IS 16934:2018 ISO 10073 : 2008 ISO 10073 : 2008	Tools for Moulding - Support Pillars	May, 2023	-	Identical under dual numbering
71	IS 16935 (Part 1):2018 ISO 10907 -1 : 2008 ISO 10907-1:2008	Tools for Moulding - Locating Rings Part 1 Locating Rings for Mounting without Thermal Insulating Sheets in Small or Medium Moulds (Type A and B)	May, 2023	-	Identical under dual numbering
72	IS 16935 (Part 2):2018 ISO 10907-2 : 2007 ISO 10907-2 : 2007	Tools for Moulding - Locating Rings Part 2 Locating Rings for Mounting with Thermal Insulating Sheets in Small or Medium Moulds (Types C and D)	May, 2023	-	Identical under dual numbering
73	IS 17219 (Part 4):2023 ISO 11901-4:2021 ISO 11901-4:2021	Tools for Pressing Gas Springs Part 4 Gas Springs with Increased Spring Force and Same Built Height		-	Identical under dual numbering
74	IS 17219 (Part 1):2019 ISO 11901-1 : 2003	Tools for Pressing " Gas Springs Part 1 General Specifications	May, 2023	-	Identical under dual numbering

	ISO 11901-1:2003				
75	IS 17219 (Part 2):2023 ISO 11901-2: 2018 ISO 11901-2: 2018	Tools for pressing Gas springs Part 2: Specification of Accessories		-	Identical under dual numbering
76	IS 17219 (Part 3):2022 ISO 11901-3:2021 ISO 11901-3:2021	Tools for pressing Gas springs Part 3: Gas spring with increased spring force and compact built height		-	Identical under dual numbering
77	IS 17220:2019 ISO 11903 : 2008 ISO 11903:2008	Tools for Pressing â€” Guide Pillar Mountings	May, 2023	-	Identical under dual numbering
78	IS 17221:2022 ISO 12165:2019 ISO 12165:2019	Tools for moulding â€” Components of compression and injection moulds and die casting dies â€” List of equivalent terms and symbols (First Revision)		-	Identical under dual numbering
79	IS 17222:2019 ISO 15600 : 2000 ISO 15600:2000	Tools for Moulding â€” Thermal Insulating Sheets for Injection Moulds	May, 2023	-	Identical under dual numbering
80	IS 17223:2019 ISO 16366 : 2008 ISO 16366:2008	Tools for Pressing â€” L-Shaped Guides	May, 2023	-	Identical under dual numbering
81	IS 17224:2019 ISO 16367 : 2008 ISO 16367:2008	Tools for Pressing â€” Guide plates â€” U- and V-blocks	May, 2023	-	Identical under dual numbering
82	IS 17225:2019 ISO 16915 : 2003 ISO 16915:2003	Tools for Moulding â€” Sprue Pullers	May, 2023	-	Identical under dual numbering
83	IS 17226:2019 ISO 16916 : 2016 ISO 16916:2016	Tools for Moulding â€” Tool Specification Sheet for Injection Moulds	May, 2023	-	Identical under dual numbering
84	IS 17227:2019 ISO 18084 : 2011 ISO 18084:2011	Press Tools for Tablets â€” Punches and Dies	May, 2023	-	Identical under dual numbering
85	IS 17228:2019 ISO 24233 : 2008 ISO 24233:2008	Tools for Moulding â€” Tool Specification Sheet for Diecasting Dies	May, 2023	-	Identical under dual numbering
86	IS 17229:2019 ISO 28238 : 2010 ISO 28238:2010	Compression and Injection Moulds â€” Components for Gating Systems	May, 2023	-	Identical under dual numbering
87	IS 17277 (Part 2):2023 ISO 16092-2 : 2019 ISO 16092-2 : 2019	Machine Tools Safety Presses Part 2 Safety Requirement for Mechanical Presses		-	Identical under dual numbering
88	IS 17277 (Part 1):2019 ISO 16092-1 : 2017 ISO 16092-1:2017	Machine Tools Safety â€” Presses Part 1 General Safety Requirements	May, 2023	-	Identical under dual numbering
89	IS 17277 (Part 4):2023 ISO 16092-4 : 2019 ISO 16092-4 : 2019	Machine Tools Safety Presses Part 4 Safety Requirements for Pneumatic Presses		-	Identical under dual numbering
90	IS 17277 (Part 3):2021 ISO 16092-3 : 2017 ISO 16092-3 : 2017	Machine tools safety -- Presses -- Part 3: Safety requirements for hydraulic presses Adoption of ISO 16092-3:2017 ICS 2508001	September, 2025	-	Identical under dual numbering
91	IS 19119:2025 ISO 20928	Tools for pressing Spring plungers with helicoidal compression steel		-	Identical under dual numbering

	ISO 20928	spring or gas spring			
92	IS 19120 (Part 5):2025 ISO 11901-5 : 2021 ISO 11901-5 : 2021	Tools for Pressing Gas Springs Part 5: Safety Instructions for Gas Springs		-	Identical under dual numbering
93	IS 19121:2025 ISO 21223 : 2019 ISO 21223 : 2019	Tools for Pressing $i_c/2$ Vocabulary		-	Identical under dual numbering
94	IS 19183 (Part 1):2025 ISO 10069-1 : 2008 ISO 10069-1 : 2008	Tools for Pressing $i_c/2$ Elastomer Pressure Springs Part 1 General Specification		-	Identical under dual numbering
95	IS 19183 (Part 2):2025 ISO 10069-2 : 2008 ISO 10069-2 : 2008	Tools for Pressing $i_c/2$ Elastomer Pressure Springs Part 2 Specification of Accessories		-	Identical under dual numbering
96	IS 19184 (Part 1):2025 ISO 10071-1 : 2008 ISO 10071-1 : 2008	Tools for pressing $i_c/2$ Ball-lock punches Part 1: Ball-lock punches for light duty		-	Identical under dual numbering
97	IS 19184 (Part 2):2025 ISO 10071-2 : 2005 ISO 10071-2 : 2005	Tools for pressing $i_c/2$ Ball-Lock Punches Part 2: Ball-Lock Punches for Heavy Duty		-	Identical under dual numbering
98	IS 19185:2025 ISO 23480 : 2013 ISO 23480 : 2013	Tools for pressing $i_c/2$ Sliding plates		-	Identical under dual numbering
99	IS 19273:2025 ISO 20929:2018 ISO 20929:2018	Tools for Pressing $i_c/2$ Heel Guiding in Large Stamping and Forming Dies		-	Identical under dual numbering
100	IS 2515:1978 Reaffirmed but not taken up for revision	Test chart for guillotine shears (First Revision)	March, 2021	-	Indigenous
101	IS 4296 (Part 3):2015 ISO 9181 : 2007 ISO 9181 : 2007	Tools for pressing: Part 3 round punches with 60 degree conical head and reduced shank (Second Revision)	January, 2025	-	Identical under dual numbering
102	IS 4296 (Part 2):2024	Tools for Pressing Punches Part 2 Punches with Cylindrical Head and Straight or Reduced Shank (second revision)		1	Indigenous
103	IS 4296 (Part 1):2016 ISO 6752 : 2008 ISO 6752 : 2008	Tools for pressing: Part 1 round punches with 60 degrees conical head and straight shank (Second Revision)	September, 2025	-	Identical under dual numbering
104	IS 4592:2002 ISO 6899 ISO 6899 : 1984	Acceptance conditions of open mechanical front power presses - Testing of accuracy (First Revision)	May, 2023	-	Identical under dual numbering
105	IS 4593:1968 Reaffirmed but not taken up for revision	Test chart for straight - Sided presses	March, 2021	-	Indigenous
106	IS 4918:1981 ISO 1684 ISO 1684 : 1975	Specification for hard metal (Carbide) wire, bar and tube drawing dies (First Revision]	August, 2024	-	Not Equivalent

107	IS 6652 (Part 1):1986 Reaffirmed but not taken up for revision	Glossary of terms relating to metal forming machines and tools part 1 metal forming tools (First Revision)	March, 2021	-	Indigenous
108	IS 6652 (Part 2):1986 Reaffirmed but not taken up for revision	Glossary of terms relating to metal forming machines and tools: Part 2 metal forming machines relating to sheet metal (First Revision)	March, 2021	-	Indigenous
109	IS 6652 (Part 3):1986	Glossary of terms relating to metal for - Ming machines and tools: Part 3 metal forming technology and operations relating to sheet metal (first revision)	April, 2022	-	Indigenous
110	IS 7468:1974	Recommendation on preferred strokes for mechanical and hydraulic presses	September, 2025	1	Indigenous
111	IS 7469:1974	Recommendation on preferred capacities for mechanical and hydraulic presses	August, 2024	-	Indigenous
112	IS 7664:2005	Guide pillar for press tool die sets - Specification (Second Revision)	September, 2025	-	Indigenous
113	IS 7706:1975	Specification for bolster plates for gap frame presses without die cushion	September, 2025	-	Indigenous
114	IS 7707:1975	Specification for bolster plates for gap frame presses with die cushion	September, 2025	-	Indigenous
115	IS 8064:2002	Method of designation of mechanical and hydraulic presses (Second Revision)	August, 2024	-	Indigenous
116	IS 8127:2005	Guide bushes for press tool die sets - Specification (Second Revision)	September, 2025	-	Indigenous
117	IS 8711:2002 ISO 6898:1984	Gap frame open front mechanical presses - Capacity ratings and dimensions (First Revision)	August, 2024	-	Not Equivalent
118	IS 9266 (Part 4):1990	Press working die sets (Boss Type) - Specieication: Part 4 centre post reverse rectangular die sets	April, 2022	-	Indigenous
119	IS 9266 (Part 1):2017	Press working die sets (Boss Type) - Specification: Part 1 centre post rectangular die sets (First Revision)	August, 2024	-	Indigenous
120	IS 9266 (Part 2):2019	Press working die sets (Boss Type) - Specification: Part 2 centre post square die sets (First Revision)	-	-	Indigenous
121	IS 9266 (Part 3):2019	Press working die sets (Boss Type) - Specification: Part 3 centre post round die sets (First Revision)	-	-	Indigenous
122	IS 9888:1981 ISO 2804 ISO 2804:1973	Dimensions for sintered pellets of hard metal (Carbide) for wire, bar and tube drawing dies	August, 2024	-	Not Equivalent

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	PGD 4 (01547) Revision of: IS 9266:2017	Specification for Press Working Die Sets Boss Type - Part I Centre Post Rectangular Die Sets
2	PGD 4 (01548) Revision of: IS 9266:2019	Press Working Die Sets Boss Type - Part II Centre Post Square Die Sets
3	PGD 4 (01549) Revision of: IS 9266:2019	Specification for Press Working Die Sets Boss Type - Part III Centre Post Round Die Sets
4	PGD 4 (01550) Revision of: IS 10068:2018	Specification for Press Working Die Sets plain type - Part I Centre Post Rectangular Die Sets First Revision
5	PGD 4 (01551) Revision of: IS 10068:2018	Indian Standard SPECIFICATION FOR PRESS WORKING DIE SETS PLAIN TYPE PART 2 CENTRE POST SQUARE DIE SETS First Revision
6	PGD 4 (01554) Revision of: IS 15424:2018	Tools for Pressing - Guide Pillars Part 1 Types First Revision
7	PGD 4 (01555) Revision of: IS 15424:2018	Tools for Pressing - Guide Pillars Part 2 Type A Straight Pillars First Revision
8	PGD 4 (01556) Revision of: IS 15424:2018	Tools for Pressing - Guide Pillars - Part 3 Type B End-Locking Pillars First Revision
9	PGD 4 (01557) Revision of: IS 15424:2018	Indian Standard Tools for Pressing - Guide Pillars - Part 4 Type C Pillars with Taper Lead and Bush First Revision
10	PGD 4 (01558) Revision of: IS 15424:2018	Indian Standard Tools for Pressing - Guide Pillars Part 5 Type D End-Locking Pillars with Flange First Revision
11	PGD 4 (01294) Revision of: IS 4296:2016	Tools for Pressing - Part 1 Round Punches with 60 Degrees Conical Head and Straight Shank Second Revision
12	PGD 4 (01295) Revision of: IS 4296:2015	Tools for Pressing - Part 2 Punches with Cylindrical Head and Reduced Shank Second Revision
13	PGD 4 (01296) Revision of: IS 4296:2002	Tools For Pressing-Part 3 Round Punches With 60o Conical head and reduced shank Second revision of IS 4296 Part 4 2002
14	PGD 4 (01297) Revision of: IS 11443:2016	Tool for Pressing and Moulding - Machined Plates Part 1 - Machined Plates for Press Tools Second Revision
15	PGD 4 (01298) Revision of:	Tools for Pressing - Punches - Nomenclature and Terminology First Revision

	IS 15300:2016	
16	PGD 4 (01652) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 1 Forms
17	PGD 4 (01654) Revision of: IS 15448:2017	Tools for Pressing - Guide Bushes - Part 2 Form A Gliding Bushes Plain Type 1
18	PGD 4 (01659) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 3 Form B Ball Cage Bushes Plain Type 1
19	PGD 4 (01668) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 4 Form C Gliding Bushes Headed Type 1
20	PGD 4 (01669) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 5 Form D Ball Cage Bushes Headed Type 1
21	PGD 4 (01670) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 6 Form E Gliding Bushes Flanged Type 1
22	PGD 4 (01671) Revision of: IS 15448:2018	Tools for pressing guide bushes Part 7 Form F ball cage bushes flanged type 1 First Revision
23	PGD 4 (01672) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 8 Form G Gliding Bushes Stepped Type 1
24	PGD 4 (01673) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 9 Form B Ball Cage Bushes Plain Type 2
25	PGD 4 (01674) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 10 Form E Gliding Bushes Flanged Type 2
26	PGD 4 (01675) Revision of: IS 15448:2018	Tools for Pressing - Guide Bushes - Part 11 Form F Ball Cage Bushes Flanged Type 2
27	PGD 4 (10176)	Tools for pressing Matrixes
28	PGD 4 (10177)	Tools for pressing Wear plates for press dies Part 1 Type A
29	PGD 4 (10178)	Tools for pressing Wear plates for press dies Part 2 Type B
30	PGD 4 (10179)	Tools for pressing Punch holder shanks Part 1 Type A
31	PGD 4 (10180)	Tools for pressing Punch holder shanks Part 2 Type C
32	PGD 4 (10181)	Tools for pressing Punch holder shanks Part 3 Type D
33	PGD 4 (10182)	Tools for pressing Compression springs with rectangular section Housing dimensions and colour coding
34	PGD 4 (10183)	Tools for pressing Die sets
35	PGD 4 (10184)	Tools for pressing Ball-lock punch retainers Part 1 Types A and B rectangular and square for light duty
36	PGD 4 (10185)	Tools for pressing Ball-lock punch retainers Part 2 Types C and D reduced for light duty
37	PGD 4 (10186)	Tools for pressing Ball-lock punch retainers Part 3 Type E reduced for heavy duty
38	PGD 4 (11296)	Tools for pressing Sliding plates
39	PGD 4 (11297)	Tools for pressing Cam driver plates
40	PGD 4 (11909)	Tools for moulding Ejector pins with cylindrical head
41	PGD 4 (11910)	Tools for moulding Guide pillars straight and shouldered and locating guide pillars shouldered
42	PGD 4 (11912)	Tools for moulding Guide bushes headed and locating guide bushes headed
43	PGD 4 (11913)	Tools for moulding Angle pins
44	PGD 4 (11914)	Tools for moulding Ejector sleeves with cylindrical head Basic series for general purposes
45	PGD 4 (11915)	Tools for moulding Mould bases Round locating elements and spacers
46	PGD 4 (11916)	Tools for moulding Flat ejector pins
47	PGD 4 (11917)	Tools for moulding Shouldered ejector pins
48	PGD 4 (11918)	Tools for moulding Centring sleeves
49	PGD 4 (11919)	Tools for moulding Sprue bushes Dimensions
50	PGD 4 (11920)	Tools for moulding Support pillars
51	PGD 4 (11921)	Tools for moulding Locating rings Part 1 Locating rings for mounting without thermal insulating sheets in small or medium moulds types A and B
52	PGD 4 (11922)	Tools for moulding Locating rings Part 2 Locating rings for mounting with thermal insulating sheets in small or medium moulds types C and D
53	PGD 4 (12769)	Tools for pressing Gas springs Part 1 General specifications
54	PGD 4 (12770)	Tools for pressing Gas springs Part 2 Specification of accessories
55	PGD 4 (12771)	Tools for pressing Gas springs Part 3 Gas spring with increased spring force and compact built height
56	PGD 4 (12772)	Tools for pressing Gas springs Part 4 Gas springs with increased spring force and same built height
57	PGD 4 (12773)	Tools for pressing Guide pillar mountings

58	PGD 4 (12774)	Tools for moulding Components of compression and injection moulds and diecasting dies Terms and symbols
59	PGD 4 (12775)	Tools for moulding Thermal insulating sheets for injection moulds
60	PGD 4 (12776)	Tools for pressing L-shaped guides
61	PGD 4 (12777)	Tools for pressing Guide plates U- and V-blocks
62	PGD 4 (12778)	Tools for moulding Sprue pullers
63	PGD 4 (12779)	Tools for moulding Tool specification sheet for injection moulds
64	PGD 4 (12780)	Press tools for tablets Punches and dies
65	PGD 4 (12781)	Tools for moulding Tool specification sheet for diecasting dies
66	PGD 4 (12782)	Compression and injection moulds Components for gating systems
67	PGD 4 (17731) Revision of: IS 15424:2018	Tools for pressing Guide pillars Part 3 Type B end-locking pillars Second Revision
68	PGD 4 (17732) Revision of: IS 15424:2018	Tools for pressing Guide pillars Part 4 Type C pillars with taper lead and bush Second Revision
69	PGD 4 (17733) Revision of: IS 15424:2018	Tools for pressing Guide pillars Part 5 Type D end-locking pillars with flange Second Revision
70	PGD 4 (17734) Revision of: IS 16728:2018	Tools for pressing Cam driver plates First Revision
71	PGD 4 (17735) Revision of: IS 16796:2018	Tools for pressing Compression springs with rectangular section Housing dimensions and colour coding First Revision
72	PGD 4 (17736) Revision of: IS 16928:2018	Tools for moulding Ejector sleeves with cylindrical head Basic series for general purposes First Revision
73	PGD 4 (17737) Revision of: IS 17221:2019	Tools for moulding Components of compression and injection moulds and die casting dies List of equivalent terms and symbols First Revision
74	PGD 4 (18827) Revision of: IS 16927:2018	Tools for Moulding Angle Pins
75	PGD 4 (18830) Revision of: IS 17219:2019	Tools for pressing Gas springs Part 3 Gas spring with increased spring force and compact built height
76	PGD 4 (18831) Revision of: IS 17219:2019	Tools for Pressing Gas Springs Part 4 Gas Springs with Increased Spring Force and Same Built Height
77	PGD 4 (19471) Revision of: IS 17219:2019	Tools for pressing Gas springs Part 2 Specification of Accessories
78	PGD 4 (19794)	Machine Tools Safety Presses Part 2 Safety Requirement for Mechanical Presses
79	PGD 4 (19796)	Machine Tools Safety Presses Part 4 Safety Requirements for Pneumatic Presses
80	PGD 4 (21304) Revision of: IS 4296:2015	Tools for Pressing Punches Part 2 Punches with Cylindrical Head and Straight or Reduced Shank
81	PGD 4 (25759)	Tools for pressing Spring plungers with helicoidal compression steel spring or gas spring
82	PGD 4 (25772)	Tools for Pressing Elastomer Pressure Springs Part 1 General Specification
83	PGD 4 (25775)	Tools for Pressing Elastomer Pressure Springs Part 2 Specification of Accessories
84	PGD 4 (25776)	Tools for pressing Ball-lock punches Part 1 Ball-lock punches for light duty
85	PGD 4 (25777)	Tools for pressing Ball-Lock Punches Part 2 Ball-Lock Punches for Heavy Duty
86	PGD 4 (25778)	Tools for Pressing Gas Springs Part 5 Safety Instructions for Gas Springs
87	PGD 4 (25781)	Tools for Pressing Vocabulary
88	PGD 4 (25782)	Tools for pressing Sliding plates
89	PGD 4 (25815)	Tools for Pressing Heel Guiding in Large Stamping and Forming Dies
90	PGD 4 (27045)	Tools for Pressing Punches Part 2 Punches with Cylindrical Head and Straight or Reduced Shank second revision Amendment - 1
91	PGD 4 (28047) Revision of: IS 4296:2016	Tools for Pressing - Punches Part 1 Round Punches with 60 Degree Conical Head and Straight Shank Third Revision
92	PGD 4 (33250)	Tools for pressing Part 3 round punches with 60 degree conical head and reduced shank Third Revision

Total Published Standards:122 Total Standards Under development:92

Aspect Wise Report

Product : 76
Code of Practices : 0
Methods of Test : 0

Terminology : 9
Dimensions : 22
System Standard : 0
Safety Standard : 4
Others : 11
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 11443 (Part 12):2003 ISO 6753	Dimensions of Machined Plates for Press Tools Moulds Jigs and Fixtures ISO Title Machined Plates for Press Tools Moulds Jigs and Fixtures - Nominal Dimensions
2	IS 12665 (Part 1):1989 Reviewed In : 2010	Press working tools - Shanks Part 1 General dimensions and survey
3	IS 12665 (Part 2):1989 Reviewed In : 2010	Press Working Tools - Shanks part 2 Shanks to Suit Rivetting
4	IS 12665 (Part 3):1989 Reviewed In : 2010	Press Working Tools - Shanks part 3 Shanks with Screwed Shaft
5	IS 12665 (Part 4):1989 Reviewed In : 2010	Press working tools - shanks Part 4 Shanks with neck and collar
6	IS 12665 (Part 5):1996 Reviewed In : 2010	Press working tools - Shanks Part 5 Shanks with square flanges
7	IS 12665 (Part 6):1996 Reviewed In : 2014	Press Working Tools - Shanks - Part 6 Shanks with Rectangular Flanges
8	IS 12665 (Part 7):1996 Reviewed In : 2011	Press Working Tools - Shanks - Part 7 Shanks with Screwed Shaft and Collar
9	IS 4296 (Part 3):2002 Reviewed In : 2014 IEC 62087-1:2015	
10	IS 4296 (Part 4):2002 ISO 8021 Reviewed In : 2014 ISO 9181 : 1990	Tools for pressing Part 4 round punches with 60 conical head and reduced shank First Revision

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10068 (Part 3):1990	Press working die sets - Plain type - Specification Part 3 centre post round die sets
2	IS 10068 (Part 4):1997	Press working die sets Plain Type Part 4 rear post rectangular die sets - Specification
3	IS 10068 (Part 5):1996	Press working die sets Plain Type Part 5 rear post square die sets - Specification
4	IS 10068 (Part 2):2018	Press working die sets Plain Type - Specification Part 2 centre post square die sets First Revision
5	IS 10068 (Part 1):2018	Press Working Die Sets Plain Type Specification Part 1 Centre Post Rectangular Die Sets First Revision
6	IS 10068 (Part 6):1996	Press working die sets Plain Type Part 6 rear post round die sets - Specification
7	IS 10650:1983 Reaffirmed but not taken up for revision	Specification for pressure pins
		Test chart for spinning and planishing lathes

8	IS 11684:1986 Reaffirmed but not taken up for revision	
9	IS 11742:1986 Reaffirmed but not taken up for revision	Test chart for die sets
10	IS 14757:2000	RECOMMENDATIONS ON PREFERRED CAPACITIES AND DIMENSIONS FOR STRAIGHT-SIDED COLUMN TYPE AND FOUR PILLAR TYPE HYDRAULIC PRESSES
11	IS 14877 (Part 1):2000	Hydraulic presses - Straight sided column C - Frame type Part 1 test chart for geometrical accuracy
12	IS 14877 (Part 2):2002	Hydraulic presses - Straight sided column C - Frame type Part 2 test chart for technical Performance evaluation of presses and press brakes
13	IS 15424 (Part 2):2018 ISO 9182-2 : 2013 ISO 9182-2:2013	Tools for pressing - Guide pillars Part 2 type A straight pillars First Revision
14	IS 15424 (Part 5):2022 ISO 9182-5:2020	Tools for pressing Guide pillars Part 5 Type D end-locking pillars with flange Second Revision
15	IS 15424 (Part 3):2021 ISO 9182-3:2020 ISO 8000-61 : 2016	Tools for pressing Guide pillars Part 3 Type B end-locking pillars Second Revision
16	IS 15424 (Part 4):2022 ISO 9182-4:2020 ISO/TS 23565:2021	Tools for pressing Guide pillars Part 4 Type C pillars with taper lead and bush Second Revision
17	IS 15448 (Part 2):2017 ISO 9448-2 : 2013 ISO 9448-2	Tools for pressing - Guide bushes Part 2 form A gliding bushes plain type 1 First Revision
18	IS 15448 (Part 6):2018 ISO 9448-6 : 2013 ISO 9448-6	Tools for pressing - Guide bushes Part 6 form E gliding bushes flanged type 1 First Revision
19	IS 15448 (Part 3):2018 ISO 9448-3 : 2013 ISO 9448-3	Tools for pressing - Guide bushes Part 3 form B ball cage bushes plain type 1 First Revision
20	IS 15448 (Part 8):2018 ISO 9448-8 : 2013 ISO 9448-8	Tools for pressing - Guide bushes Part 8 form G gliding bushes stepped type 1 First Revision
21	IS 15448 (Part 1):2018 ISO 9448-1 : 2013 ISO 9448-1:2013	Tools for pressing - Guide bushes Part 1 forms First Revision
22	IS 15448 (Part 4):2018 ISO 9448-4 ISO 9448-4:1991	Tools for pressing - Guide bushes Part 4 form C gliding bushes headed type 1 First Revision
23	IS 15448 (Part 9):2018 ISO 9448-9 : 2013 ISO 9448-9	Tools for pressing - Guide bushes Part 9 form B ball cage bushes plain type 2 First Revision
24	IS 15448 (Part 10):2018 ISO 9448-10 : 2013 ISO 9448-10	Tools for pressing - Guide bushes Part 10 form E gliding bushes flanged type 2 First Revision
25	IS 15448 (Part 7):2018 ISO 9448-7 : 2013 ISO 9448-7:2013	Tools for pressing - Guide bushes Part 7 form F ball cage bushes flanged type 1 First Revision
26	IS 15448 (Part 5):2018 ISO 9448-5 : 2013 ISO 9448-5	Tools for pressing - Guide bushes Part 5 form D ball cage bushes headed type 1 First Revision
27	IS 15448 (Part 11):2018 ISO 9448-11 : 2013 ISO 9448-11	Tools for pressing - Guide bushes Part 11 form F ball cage bushes flanged type 2 First Revision

28	IS 15744:2007	Angular Deflection for C Frame Mechanical Presses Specification
29	IS 15745:2007	Deflection for straight sided mechanical presses - Specification
30	IS 15746:2007	ANGULAR DEFLECTION FOR C FRAME HYDRAULIC PRESSES - SPECIFICATION
31	IS 15747:2007	Angular deflection for straight sided hydraulic presses - Specification
32	IS 16793 (Part 2):2019 ISO 11900-2 : 2008 ISO 11900-2:2008	Tools for pressing - Ball - Lock punch retainers Part 2 types C and D reduced for light duty
33	IS 16793 (Part 3):2018 ISO 11900-3 : 2004 ISO 11900-3:2004	Tools for pressing - Ball - Lock punch retainers Part 3 type E reduced for heavy duty
34	IS 16793 (Part 1):2019 ISO 11900-1 : 2007 ISO 11900-1:2007	Tools for pressing - Ball - Lock punch retainers Part 1 types A and B rectangular and square for light duty
35	IS 16794 (Part 2):2019 ISO 10242-2 : 2008 ISO 10242-2:2008	Tools for pressing - Punch holder shanks Part 2 type C
36	IS 16794 (Part 3):2019 ISO 10242-3:2008 ISO 5621:1984	Tools for pressing Punch holder shanks Part 3 Type D
37	IS 16794 (Part 1):2019 ISO 10242-1 : 2011 ISO 10242-1:2011	Tools for pressing - Punch holder shanks Part 1 type A
38	IS 16795:2018 ISO 11415 : 1997 ISO 11415:1997	Tools for pressing - Die sets
39	IS 16799:2018 ISO 8977 : 2003 ISO 8977:2003	Tools for pressing - Matrixes
40	IS 16800 (Part 1):2018 ISO 9183-1 : 2008 ISO 9183-1:2008	Tools for pressing - Wear plates for press dies Part 1 type A
41	IS 16800 (Part 2):2018 ISO 9183-2 : 2011 ISO 9183-2:2008	Tools for pressing - Wear plates for press dies Part 2 type B
42	IS 16924:2018 ISO 6751:2011 ISO 6751:2011	Tools for Moulding -Ejector Pins with Cylindrical Head
43	IS 16927:2023 ISO 8404:2021 ISO 16073-3:2019	Tools for Moulding Angle Pins
44	IS 16928:2022 ISO 8405:2020	Tools for moulding Ejector sleeves with cylindrical head Basic series for general purposes First Revision
45	IS 16929:2018 ISO 8406 : 2008 ISO 8406 : 2008	Tools for Moulding - Mould Bases - Round Locating Elements and Spacers
46	IS 16930:2018 ISO 8693 : 2011 ISO 8693 : 2011	Tools for Moulding - Flat Ejector Pins
47	IS 16931:2018 ISO 8694 : 2011 ISO 8694 : 2011	Tools for Moulding - Shouldered Ejector Pins
48	IS 16935 (Part 1):2018 ISO 10907 -1 : 2008 ISO 10907-1:2008	Tools for Moulding - Locating Rings Part 1 Locating Rings for Mounting without Thermal Insulating Sheets in Small or Medium Moulds Type A and B

49	IS 16935 (Part 2):2018 ISO 10907-2 : 2007 ISO 10907-2 : 2007	Tools for Moulding - Locating Rings Part 2 Locating Rings for Mounting with Thermal Insulating Sheets in Small or Medium Moulds Types C and D
50	IS 17219 (Part 4):2023 ISO 11901-4:2021 IEC TS 63471:2023	Tools for Pressing Gas Springs Part 4 Gas Springs with Increased Spring Force and Same Built Height
51	IS 17219 (Part 2):2023 ISO 11901-2: 2018	Tools for pressing Gas springs Part 2 Specification of Accessories
52	IS 17220:2019 ISO 11903 : 2008 ISO 11903:2008	Tools for Pressing Guide Pillar Mountings
53	IS 17222:2019 ISO 15600 : 2000 ISO 15600:2000	Tools for Moulding Thermal Insulating Sheets for Injection Moulds
54	IS 17225:2019 ISO 16915 : 2003 ISO 16915:2003	Tools for Moulding Sprue Pullers
55	IS 19119:2025 ISO 20928	Tools for pressing Spring plungers with helicoidal compression steel spring or gas spring
56	IS 19120 (Part 5):2025 ISO 11901-5 : 2021	Tools for Pressing Gas Springs Part 5 Safety Instructions for Gas Springs
57	IS 19121:2025 ISO 21223 : 2019	Tools for Pressing Vocabulary
58	IS 19183 (Part 1):2025 ISO 10069-1 : 2008	Tools for Pressing Elastomer Pressure Springs Part 1 General Specification
59	IS 19183 (Part 2):2025 ISO 10069-2 : 2008	Tools for Pressing Elastomer Pressure Springs Part 2 Specification of Accessories
60	IS 19184 (Part 1):2025 ISO 10071-1 : 2008	Tools for pressing Ball-lock punches Part 1 Ball-lock punches for light duty
61	IS 19184 (Part 2):2025 ISO 10071-2 : 2005	Tools for pressing Ball-Lock Punches Part 2 Ball-Lock Punches for Heavy Duty
62	IS 19185:2025 ISO 23480 : 2013	Tools for pressing Sliding plates
63	IS 2515:1978 Reaffirmed but not taken up for revision	Test chart for guillotine shears First Revision
64	IS 4296 (Part 2):2024	Tools for Pressing Punches Part 2 Punches with Cylindrical Head and Straight or Reduced Shank second revision
65	IS 4592:2002 ISO 6899 ISO 6899 : 1984	Acceptance conditions of open mechanical front power presses - Testing of accuracy First Revision
66	IS 4593:1968 Reaffirmed but not taken up for revision	Test chart for straight - Sided presses
67	IS 4918:1981 ISO 1684 ISO 1684 : 1975	Specification for hard metal Carbide wire bar and tube drawing dies First Revision
68	IS 7664:2005	Guide pillar for press tool die sets - Specification Second Revision

69	IS 7706:1975	Specification for bolster plates for gap frame presses without die cushion
70	IS 7707:1975	Specification for bolster plates for gap frame presses with die cushion
71	IS 8127:2005	Guide bushes for press tool die sets - Specification Second Revision
72	IS 9266 (Part 4):1990	Press working die sets Boss Type - Specification Part 4 centre post reverse rectangular die sets
73	IS 9266 (Part 1):2017	Press working die sets Boss Type - Specification Part 1 centre post rectangular die sets First Revision
74	IS 9266 (Part 2):2019	Press working die sets Boss Type - Specification Part 2 centre post square die sets First Revision
75	IS 9266 (Part 3):2019	Press working die sets Boss Type - Specification Part 3 centre post round die sets First Revision
76	IS 9888:1981 ISO 2804 ISO 2804:1973	Dimensions for sintered pellets of hard metal Carbide for wire bar and tube drawing dies