### **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

### **Published Standards**

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

	ISO 5407:1981					
11	IS 11372:1985 Reviewed In : 2021	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 Reviewed In : 2025	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 Reviewed In: 2024  Tools for pressing and moulding - Machined plates: Part 2 machined plates for moulds (First Revision)		August, 2024	-	Indigenous	
14	IS 11505:1986	Recommendations on terminology of hardmetal heading diesISO title : hardmetal heading dies - Terminology)	March, 2021	-	Indigenous	
15	IS 11524:1986 ISO 1651 Reviewed In : 2021	Specification for carbide mandrels for tube drawing dies	March, 2021	-	Indigenous	
16	IS 11684:1986 Reviewed In : 2021 Reaffirmed but not taken up for revision	S 11684:1986 Test chart for spinning and wiewed In : 2021 planishing lathes Indigonal Firmed but not Indigonal Planishing lathes		Indigenous		
17	IS 11742:1986 Reviewed In : 2021 Reaffirmed but not taken up for revision	Test chart for die sets	March, 2021	-	Indigenous	
18	IS 12852:1989 Reviewed In : 2021	Gap frame hydraulic presses up to 4000 KN - Recommendation on preferred capacities and dimensions	March, 2021	1	Indigenous	
19	IS 12984:1990 Reviewed In : 2021	Proforma for puruchase specification for plate bending machines	March, 2021	-	Indigenous	
20	IS 14497:1997 Reviewed In : 2024	Capacity rating and dimensions for	August, 2024	-	Indigenous	
21	Reviewed In : 2024 trimming presses  IS 14757:2000 RECOMMENDATIONS ON M Reviewed In : 2021 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	March, 2021	-	Indigenous	
23	Reviewed In : 2021  IS 14877 (Part 1):2000  Reviewed In : 2021	of terms  Hydraulic presses - Straight sided column/C - Frame type: Part 1 test chart for geometrical accuracy	March, 2021	-	Indigenous	
24	IS 14877 (Part 2):2002 Reviewed In : 2024	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 Reviewed In : 2025	Test chart for plate bending machines	September, 2025	-	Indigenous	
26	IS 15300:2016 ISO 8695 : 2010 Reviewed In : 2021	Tools for pressing - Punches - Nomenclature and terminology (First Revision)	December, 2021	-	Identical under dual numbering	

l	ISO 8695:2010	1		1	
27	IS 15318:2003	Open front mechanical power	August, 2024	-	Indigenous
	ISO 8540	presses - Vocabulary			
	Reviewed In: 2024				
28	IS 15424 (Part	Tools for Pressing - Guide Pillars -	May, 2023	-	Identical under dual
	1):2018	Part 1 Types (First Revision)			numbering
	ISO 9182-1 : 2013				
	Reviewed In: 2023				
	ISO 9182-1:2013				
29	IS 15424 (Part	Tools for pressing - Guide pillars:	May, 2023	-	Identical under dual
	2):2018	Part 2 type A, straight pillars (First			numbering
	ISO 9182-2 : 2013	Revision)			
	Reviewed In: 2023				
	ISO 9182-2:2013				
30	IS 15424 (Part	Tools for pressing â€" Guide	September, 2025	-	Identical under dual
	3):2021	pillars: Part 3 Type B, end-locking			numbering
	ISO 9182-3:2020	pillars (Second Revision)			
	Reviewed In : 2025				
31	ISO 9182-3:2020 IS 15424 (Part	Tools for pressing â€" Guide		+	Identical under dual
31	4):2022			-	
	4):2022 ISO 9182-4:2020	pillars: Part 4 Type C, pillars with taper lead and bush (Second			numbering
	ISO 9182-4:2020 ISO 9182-4:2020	Revision)			
32	IS 15424 (Part	Tools for pressing â€" Guide		+ -	Identical under dual
] 32	5):2022	pillars: Part 5 Type D, end-locking		_	numbering
	ISO 9182-5:2020	pillars with flange (Second			namooning
	ISO 9182-5:2020	Revision)			
33	IS 15448 (Part	Tools for pressing - Guide bushes:	August, 2024	-	Identical under dual
	1):2018	Part 1 forms (First Revision)			numbering
	ISO 9448-1 : 2013				
	Reviewed In: 2024				
	ISO 9448-1:2013				
34	IS 15448 (Part	Tools for pressing - Guide bushes:	August, 2024	-	Identical under dual
	2):2017	Part 2 form A, gliding bushes,	-		numbering
	ISO 9448-2 : 2013	plain, type 1 (First Revision)			
	Reviewed In: 2024				
	ISO 9448-2				
35	IS 15448 (Part	Tools for pressing - Guide bushes:	August, 2024	-	Identical under dual
	3):2018	Part 3 form B, ball cage bushes,			numbering
	ISO 9448-3 : 2013	plain, type 1 (First Revision)			
	Reviewed In: 2024				
	ISO 9448-3				*1
36	IS 15448 (Part	Tools for pressing - Guide bushes:	August, 2024	-	Identical under dual
	4):2018	Part 4 form C, gliding bushes,			numbering
	ISO 9448-4	headed, type 1 (First Revision)			
	Reviewed In: 2024				
37	ISO 9448-4:1991 IS 15448 (Part	Tools for pressing - Guide bushes:	August, 2024		Identical under dual
3/	5):2018	Part 5 form D, ball cage bushes,	August, 2024	-	numbering
	ISO 9448-5 : 2013	headed, type 1 (First Revision)			numbering
	Reviewed In : 2024	neaded, type I (Filst Revision)			
	ISO 9448-5				
38	IS 15448 (Part	Tools for pressing - Guide bushes:	May, 2023	+ -	Identical under dual
	6):2018	Part 6 form E, gliding bushes,	1 <b>11</b> 41, 2023		numbering
	ISO 9448-6 : 2013	flanged, type 1 (First Revision)			indiniooning
	Reviewed In : 2023				
	ISO 9448-6				
39	IS 15448 (Part	Tools for pressing - Guide bushes:	May, 2023	-	Identical under dual
	7):2018	Part 7 form F, ball cage bushes,	<b>.</b> , <del></del>		numbering
1	1,0=0				

Reviewed In : 2023   So 9448 - 1	1	ISO 9448-7 : 2013	flanged, type 1 (First Revision)		1	ĺ
18			ranged, type 1 (1 iist ite vision)			
89/2018						
SO 9448-8 2013   Stepped, type 1 (First Revision)   Reviewed In : 2023   Sto 9448-8 (Part 9):2018   Sto 9448-9 2013   Reviewed In : 2023   Sto 9448-9 2013   Reviewed In : 2023   Sto 9448-9 10 (First Revision)   Reviewed In : 2023   Sto 9448-9 10 (First Revision)   Reviewed In : 2023   Sto 9448-10 (First Revision)   Reviewed In : 2023   Sto 9448-11 : 2013   Reviewed In : 2023   Reviewed In : 2023   Reviewed In : 2023   Reviewed In : 2023   Reviewed In : 2024   Reviewed In : 2025   Reviewed In : 2024   Reviewed In : 2025   Reviewe	40	IS 15448 (Part	Tools for pressing - Guide bushes:	May, 2023	-	Identical under dual
Reviewed In : 2023   SIS 09448-8   Took for pressing - Guide bushes, plain, type 2 (First Revision)   Reviewed In : 2023   SIS 0948-9   Took for pressing - Guide bushes, plain, type 2 (First Revision)   Reviewed In : 2023   SIS 0948-9   Took for pressing - Guide bushes, plain, type 2 (First Revision)   SIS 0948-9   Took for pressing - Guide bushes, plain type 2 (First Revision)   SIS 0948-10 : 2013   Reviewed In : 2023   SIS 0948-11   Took for pressing - Guide bushes, part 11 form E, ball cage bushes, 1112-2018   SIS 09448-11   Took for pressing - Guide bushes; part 11 form E, ball cage bushes, 112-2018   SIS 0948-11   Took for pressing - Guide bushes; part 11 form F, ball cage bushes, 112-2018   SIS 0948-11   Took for pressing - Guide bushes; part 11 form F, ball cage bushes, 112-2018   SIS 0948-11   Took for pressing - Guide bushes; part 11 form F, ball cage bushes, 112-2018   SIS 0948-11   SIS 1574-2007   SIS 1574-2007   Reviewed In : 2024   Mechanical Presses — Specification   August, 2024   Indigenous   SIS 1574-2007   Reviewed In : 2024   SIS 1574-2007   SIS 1574-2007   Reviewed In : 2024   SIS 1574-2007   SIS 1574-2007   Reviewed In : 2023   SIS 0948-203   SIS 0948-2048   SIS 1672-2048   Took for pressing & SIS 1672-2018   Took for Pressing & SIS 1672-2009   SIS 16793 (Part 1); SIS 23481-2021   Took for pressing - Ball - Lock punch retainers: Part 1 types A and Browledge of the sistence		8):2018	Part 8 form G, gliding bushes,			numbering
ISO 9448-8		ISO 9448-8 : 2013	stepped, type 1 (First Revision)			
Tools for pressing - Guide bushes:   Part 9 form B, hall cage bushes, plain, type 2 (First Revision)   Reviewed In: 2023   Sto 9448-9   Tools for pressing - Guide bushes: plain, type 2 (First Revision)   Reviewed In: 2023   Sto 9448-10   Tools for pressing - Guide bushes: part 10 form E, gliding bushes, langed, type 2 (First Revision)   Reviewed In: 2023   Sto 9448-10   Tools for pressing - Guide bushes: part 11 form F, ball cage bushes, langed, type 2 (First Revision)   Reviewed In: 2023   Sto 9448-11   Tools for pressing - Guide bushes: part 11 form F, ball cage bushes, langed, type 2 (First Revision)   Reviewed In: 2023   Tools for pressing - Guide bushes: part 11 form F, ball cage bushes, langed, type 2 (First Revision)   Reviewed In: 2024   Angular Deflection for "C" Frame Mechanical Presses - Specification   Reviewed In: 2024   Reviewed In: 2023		Reviewed In: 2023				
Part 9 form B, ball cage bushes, plain, type 2 (First Revision)		ISO 9448-8				
Reviewed In : 2023   Path   Type 2 (First Revision)   Reviewed In : 2024   Path   Pa	41	,		May, 2023	-	
Reviewed In: 2023   150 9448-9   10018 for pressing - Guide bushes:   10):2018   151 5448 (Part   10):2018   151 5448 (Part   10):2018   151 5448 (Part   10):2018   151 5448 (Part   10):2018   152 5448 (Part   10):2019   152 5448 (Part   10):2018 (Part   10):2018 (Part   10):2018		,				numbering
180 9448-19   100,2018   180 9448-10   2013   180 9448-10   2013   180 9448-10   2013   180 9448-10   2013   180 9448-10   2013   180 9448-10   2014   190 9448-10   2015   180 9448-10   2015   180 9448-10   2015   180 9448-10   2015   180 9448-10   2015   180 9448-10   2015   180 9448-10   2015   180 9448-10   2015   180 9448-11   2015   180			plain, type 2 (First Revision)			
18   15448 (Part   Tools for pressing - Guide bushes:   Part 10 form E, gliding bushes:   Part 10 form E, gliding bushes:   So 9448-10   2023   ISO 9448-10   2023   ISO 9448-10   2023   ISO 9448-10   2023   ISO 9448-10   2024   Part 11 form F, Bull Cage bushes:   Part 10 form E, gliding bushes:   Part 10 form F, Bull Cage bushes:   Part 10 for F, Bull Cage bushes:   Part 10 form F, Bu						
10):2018   Part 10 form E, gliding bushes,   Ilanged, type 2 (First Revision)   Reviewed In : 2023   150 9448-10     150 9448-10     170   170     150   170     150   170     150   170   150   170     150   170   150   1	<u> </u>			2022		*1 1 1 1 1
ISO 9448-10 : 2023   Six 0 9448-10   Tools for pressing - Guide bushes:	42	,		May, 2023	-	
Reviewed In: 2023   SIS 09448-10   Tools for pressing - Guide bushes:   May, 2023   Identical under dual numbering   SIS 09448-11   Tools for pressing - Guide bushes:   May, 2023   Identical under dual numbering   SIS 09448-11   SIS 15744-2007   Reviewed In: 2024   May, 2024   SIS 15745-2007   Deflection for 'C' Frame   August, 2024   Indigenous   SIS 15745-2007   Deflection for straight sided   Reviewed In: 2024   May, 2024   SIS 15745-2007   Deflection for straight sided   Reviewed In: 2024   Reviewed In: 2024   Reviewed In: 2024   SIS 15746-2007   Reviewed In: 2024   Reviewed In: 2024   Reviewed In: 2024   SIS 15747-2007   Angular deflection for straight sided   Reviewed In: 2024   Reviewed In: 2024   SIS 15747-2007   Reviewed In: 2024   SIS 15747-2007   Reviewed In: 2024   SIS 15747-2007   Reviewed In: 2023   SIS 15747-2018   SIS 15747-2018   SIS 15747-2018   Reviewed In: 2023   SIS 15748-2021   SIS 15748-2022   SIS 15748-2021   SIS 15748-2022   SIS 15748-2021   SIS 15748-2022   SIS 15748-2021   SIS 15748-2022   SIS 15748-2023   SIS 15748		*				numbering
ISO 9448-10   Tools for pressing - Guide bushes:   Part 11 form F, ball cage bushes;   Part 11 form F, ball cage bushes;   Part 11 form F, ball cage bushes,   flanged, type 2 (First Revision)   Reviewed In: 2023   SO 9448-11   SI 57544:2007   Reviewed In: 2024   Mechanical Presses — Specification   Pellection for straight sided mechanical presses - Specification   Angular Deflection for straight sided mechanical presses - Specification   August, 2024   Indigenous   PRESSES - SPECIFICATION   Angular deflection for straight sided mechanical presses - Specification   August, 2024   Indigenous   Indigenous   Pressing			flanged, type 2 (First Revision)			
13   15448 (Part   1):2018   Reviewed In : 2023   S0 9448-11 : 2013   S0 9448-11 : 2013   S0 9448-11 : 2013   S0 9448-11 : 2014   Angular Deflection for "C" Frame Mechanical Presses — Specification   Modular Presses — Specification   Specification   Angular Deflection for straight sided mechanical presses - Specification   Angular Deflection for straight sided mechanical presses - Specification   Angular Deflection for straight sided mechanical presses - Specification   Angular Deflection for straight sided mechanical presses - Specification   Angular Deflection for straight sided mechanical presses - Specification   Angular Deflection for straight sided mechanical presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided hydraulic presses - Specification   Angular deflection for straight sided mumbering   August, 2024   Indigenous   Indigenou						
11):2018   So 9448-11 : 2013   Reviewed In : 2023   So 9448-11   So 9448-12   So	13		Tools for pressing Guida bushes:	May 2023		Identical under dual
ISO 9448-11 : 2013   Flanged, type 2 (First Revision)   Reviewed In : 2024   Angular Deflection for "C" Frame Reviewed In : 2024   Mechanical Presses — Specification   Policity   Specification   Specification   Policity   Policit	43	,		May, 2023	_	
Reviewed In : 2023   ISO 9448-11		· · · · · · · · · · · · · · · · · · ·				numbering
ISO 9448-11     IS 15744:2007   Reviewed in : 2024   Mechanical Presses — Specification   May			rianged, type 2 (First Revision)			
August						
Reviewed In : 2024   Mechanical Presses — Specification   August, 2024   Findingenous	44		Angular Deflection for "C" Frame	August, 2024	_	Indigenous
Specification   Deflection for straight sided   Reviewed In : 2024   mechanical presses - Specification   August, 2024   - Indigenous	''			1148450, 202.		margonous
45						
Reviewed In : 2024   mechanical presses - Specification	45	IS 15745:2007	•	August, 2024	-	Indigenous
Reviewed In : 2024   C' FRAME HYDRAULIC   PRESSES - SPECIFICATION		Reviewed In: 2024	_			C
PRESSES - SPECIFICATION   Angular deflection for straight sided hydraulic presses - Specification   Specifi	46	IS 15746:2007	ANGULAR DEFLECTION FOR	August, 2024	-	Indigenous
18   15747:2007   Reviewed In : 2024   Specification   Reviewed In : 2024   Specification   Specification		Reviewed In: 2024	'C' FRAME HYDRAULIC			
Reviewed In : 2024   Sided hydraulic presses - Specification   Specification			PRESSES - SPECIFICATION			
Specification   Specification   Specification   Specification   Tools for Pressing â€" Sliding Plates   Plates   Serviewed In : 2023   ISO 23480:2013   So 23480:2013   So 23481:2021   ISO 11900-1 : 2007   Reviewed In : 2023   ISO 11900-1:2007   ISO 150 for pressing - Ball - Lock punch retainers: Part 1 types A and ISO 11900-2: 2008   Reviewed In : 2023   ISO 11900-2: 2008   Reviewed In : 2023   ISO 11900-2: 2008   Reviewed In : 2023   ISO 11900-2: 2008   ISO 1900-2: 2008   Reviewed In : 2023   ISO 11900-3: 2004   Reviewed In : 2	47			August, 2024	-	Indigenous
18		Reviewed In: 2024				
Reviewed In: 2023 ISO 23480:2013  49 IS 16728:2022 ISO 23481:2021 ISO 23481:2021 ISO 23481:2021 ISO 23481:2021 ISO 1900-1: 2007 Reviewed In: 2023 ISO 11900-2: 2008 Reviewed In: 2023 ISO 11900-2: 2008 Reviewed In: 2023 ISO 11900-2: 2008 Reviewed In: 2023 ISO 11900-3: 2004 Reviewed I	10	×3 1 5=4= 4010				
Reviewed In : 2023   1SO 23480:2013   Tools for pressing \$\frac{1}{12}\$ Cam driver plates (First Revision)   Plates (Fir	48	IS 16727:2018	e e	May, 2023	-	
ISO 23480:2013		D : 11 2022	Plates			numbering
18 16728:2022   Tools for pressing \( \frac{1}{3} \) 2 Cam driver   plates (First Revision)						
ISO 23481:2021   plates (First Revision)   numbering	10		To ale for massing v.14 Com driver			Identical and dual
ISO 23481:2021  50 IS 16793 (Part 1):2019 Tools for pressing - Ball - Lock punch retainers: Part 1 types A and ISO 11900-1 : 2007 Reviewed In : 2023 ISO 11900-1:2007  51 IS 16793 (Part 2):2019 Tools for pressing - Ball - Lock punch retainers: Part 2 types C and ISO 11900-2 : 2008 Reviewed In : 2023 ISO 11900-2:2008  52 IS 16793 (Part 3):2018 ISO 11900-2:2008 Preduced for light duty  52 IS 16793 (Part 3):2018 Preduced for light duty  53 ISO 11900-3 : 2004 Reviewed In : 2023 ISO 11900-3:2004  54 Reviewed In : 2023 ISO 11900-3:2004  55 IS 16794 (Part 1):2019 Tools for pressing - Punch holder shanks: Part 1 type A  56 IS 16794 (Part 1):2019  57 IS 16794 (Part 1):2019  58 IS 16794 (Part 1):2019  58 IS 16794 (Part 1):2019	49				-	
Tools for pressing - Ball - Lock punch retainers: Part 1 types A and ISO 11900-1:2007   Reviewed In : 2023 ISO 11900-1:2007   Tools for pressing - Ball - Lock duty   May, 2023   - Identical under dual numbering			plates (First Revision)			numbering
1):2019   punch retainers: Part 1 types A and	50		Tools for pressing - Rall - Lock	May 2023	<del>  _</del>	Identical under dual
ISO 11900-1 : 2007   Reviewed In : 2023   1SO 11900-1:2007   Tools for pressing - Ball - Lock punch retainers: Part 2 types C and ISO 11900-2 : 2008   Reviewed In : 2023   ISO 11900-2:2008   Tools for pressing - Ball - Lock punch retainers: Part 2 types C and D, reduced for light duty   Tools for pressing - Ball - Lock punch retainers: Part 2 types C and D, reduced for light duty   Tools for pressing - Ball - Lock punch retainers: Part 3 type E, reduced for heavy duty   IsO 11900-3:2004   Reviewed In : 2023   ISO 11900-3:2004   Tools for pressing - Punch holder shanks: Part 1 type A   Tools for pressing - Punch holder shanks: Part 1 type A   Tools for pressing - Punch holder numbering   Identical under dual numberi		,	1 0	171uy, 2023		
Reviewed In: 2023 ISO 11900-1:2007  Tools for pressing - Ball - Lock punch retainers: Part 2 types C and ISO 11900-2: 2008 Reviewed In: 2023 ISO 11900-2:2008  Tools for pressing - Ball - Lock punch retainers: Part 2 types C and D, reduced for light duty  Tools for pressing - Ball - Lock punch retainers: Part 3 type E, ISO 11900-3: 2004 Reviewed In: 2023 ISO 11900-3: 2004 Reviewed In: 2023 ISO 11900-3:2004  Tools for pressing - Punch holder shanks: Part 1 type A  May, 2023  May, 2023  May, 2023  Identical under dual numbering  Identical under dual numbering		*				
ISO 11900-1:2007  IS 16793 (Part 2):2019 ISO 11900-2: 2008 Reviewed In: 2023 ISO 11900-2:2008  ISO 11900-3: 2004 Reviewed In: 2023 ISO 119						
Tools for pressing - Ball - Lock punch retainers: Part 2 types C and ISO 11900-2: 2008   D, reduced for light duty						
2):2019 punch retainers: Part 2 types C and ISO 11900-2 : 2008 D, reduced for light duty  Serviewed In : 2023 ISO 11900-2:2008  Tools for pressing - Ball - Lock punch retainers: Part 3 type E, reduced for heavy duty  Sign 11900-3 : 2004 Reviewed In : 2023 ISO 11900-3:2004  Tools for pressing - Ball - Lock punch retainers: Part 3 type E, reduced for heavy duty  Tools for pressing - Punch holder shanks: Part 1 type A  Tools for pressing - Punch holder shanks: Part 1 type A  May, 2023  May, 2023  Identical under dual numbering	51		Tools for pressing - Ball - Lock	May, 2023	-	Identical under dual
ISO 11900-2 : 2008   D, reduced for light duty   Reviewed In : 2023   ISO 11900-2:2008   Tools for pressing - Ball - Lock   May, 2023   - Identical under dual   numbering   ISO 11900-3 : 2004   Reviewed In : 2023   ISO 11900-3:2004   Tools for pressing - Punch holder   Shanks: Part 1 type A   Nay, 2023   - Identical under dual   numbering   Identical under dual   Nay, 2023   Identical under dual		,	1 0	•		numbering
ISO 11900-2:2008		ISO 11900-2:2008	D, reduced for light duty			_
52 IS 16793 (Part 3):2018 punch retainers: Part 3 type E, ISO 11900-3: 2004 Reviewed In: 2023 ISO 11900-3:2004  53 IS 16794 (Part 1):2019  Tools for pressing - Ball - Lock punch retainers: Part 3 type E, reduced for heavy duty  May, 2023  May, 2023  - Identical under dual numbering  Analysia of the punch retainers: Part 3 type E, reduced for heavy duty  - Identical under dual numbering						
3):2018 punch retainers: Part 3 type E, reduced for heavy duty  Reviewed In: 2023 ISO 11900-3:2004  53 IS 16794 (Part 1):2019 Tools for pressing - Punch holder shanks: Part 1 type A  May, 2023  May, 2023  May, 2023  May, 2023  May, 2023  Identical under dual numbering						
ISO 11900-3 : 2004 Reviewed In : 2023 ISO 11900-3:2004  53 IS 16794 (Part 1):2019  Tools for pressing - Punch holder shanks: Part 1 type A  May, 2023  IMAGE May, 2023  Identical under dual numbering	52	· ·		May, 2023	-	
Reviewed In : 2023 ISO 11900-3:2004  53 IS 16794 (Part 1):2019  Tools for pressing - Punch holder shanks: Part 1 type A  May, 2023  Identical under dual numbering		,				numbering
ISO 11900-3:2004  53 IS 16794 (Part 1):2019  Tools for pressing - Punch holder shanks: Part 1 type A  May, 2023  - Identical under dual numbering			reduced for heavy duty			
53 IS 16794 (Part 1):2019 Tools for pressing - Punch holder shanks: Part 1 type A May, 2023 - Identical under dual numbering						
1):2019 shanks: Part 1 type A numbering			T 1.6	17 2022	1	71 / 1 1 1 1
	53	,	1 0	May, 2023	-	
15O 10242-1 ; 2011		*	Shanks: Part 1 type A			numbering
		130 10242-1 : 2011				

1	Reviewed In: 2023				
	ISO 10242-1:2011				
54	IS 16794 (Part	Tools for pressing - Punch holder	May, 2023	-	Identical under dual
	2):2019	shanks: Part 2 type C			numbering
	ISO 10242-2 : 2008				
	Reviewed In: 2023				
	ISO 10242-2:2008				
55	IS 16794 (Part	Tools for pressing Punch holder		-	Identical under single
	3):2019	shanks Part 3 Type D			numbering
	ISO 10242-3:2008				
	ISO 10242-3:2008				
56	IS 16795:2018	Tools for pressing - Die sets	May, 2023	-	Identical under dual
	ISO 11415 : 1997				numbering
	Reviewed In: 2023				
	ISO 11415:1997				
57	IS 16796:2022	Tools for pressing â€"		-	Identical under dual
	ISO 10243:2019	Compression springs with			numbering
	ISO 10243:2019	rectangular section â€" Housing			
		dimensions and colour coding			
<u></u>	70.1	(First Revision)			
58	IS 16799:2018	Tools for pressing - Matrixes	May, 2023	-	Identical under dual
	ISO 8977 : 2003				numbering
	Reviewed In: 2023				
-50	ISO 8977:2003	T 1 C YY 1	N 2022		X1 2 1 1 1 1
59	IS 16800 (Part	Tools for pressing - Wear plates	May, 2023	-	Identical under dual
	1):2018	for press dies: Part 1 type A			numbering
	ISO 9183-1 : 2008				
	Reviewed In : 2023				
(0)	ISO 9183-1:2008	Trale for a green was a Warm alates			Identical under dual
60	IS 16800 (Part	Tools for pressing - Wear plates		-	
	2):2018 ISO 9183-2 : 2011	for press dies: Part 2 type B			numbering
	ISO 9183-2:2008				
61	IS 16924:2018	Tools for Moulding -Ejector Pins	May, 2023		Identical under dual
01	ISO 6751:2011	with Cylindrical Head	May, 2023	_	numbering
	Reviewed In : 2023	with Cymarical fiead			namoernig
	ISO 6751:2011				
62		Tools for Moulding - Guide Pillars,	May, 2023	<del> </del> -	Identical under dual
02	ISO 8017 : 2007	Straight and Shouldered, and	111aj, 2023		numbering
	Reviewed In: 2023	Locating Guide Pillars,			nameering
	ISO 8017 : 2007	Shouldered			
63	IS 16926:2018	Tools for Moulding -Guide Bushes,	May, 2023	-	Identical under dual
	ISO 8018 : 2007	Headed, and Locating Guide	<b>,</b> , -	1	numbering
	Reviewed In: 2023	Bushes, Headed			6
	ISO 8018:2007	, i			
64	IS 16927:2023	Tools for Moulding Angle Pins		-	Identical under dual
	ISO 8404:2021				numbering
	ISO 8404:2021				
65	IS 16928:2022	Tools for moulding � Ejector		-	Identical under dual
	ISO 8405:2020	sleeves with cylindrical head �		1	numbering
	ISO 8405:2020	Basic series for general purposes			
		(First Revision)			
66	IS 16929:2018	Tools for Moulding - Mould Bases	May, 2023	-	Identical under dual
	ISO 8406 : 2008	- Round Locating Elements and			numbering
	Reviewed In: 2023	Spacers			
	ISO 8406 : 2008				
67	IS 16930:2018	Tools for Moulding - Flat Ejector	May, 2023	-	Identical under dual
	ISO 8693 : 2011	Pins			numbering
	Reviewed In: 2023				
ı	ı	ı L		1	1

1 1	ISO 8693 : 2011				
68	IS 16931:2018	Tools for Moulding - Shouldered	May, 2023	-	Identical under dual
	ISO 8694 : 2011	Ejector Pins	•		numbering
	Reviewed In: 2023	-			
	ISO 8694: 2011				
69	IS 16932:2018	Tools for Moulding - Centring	May, 2023	-	Identical under dual
	ISO 9449 : 2007	Sleeves			numbering
	Reviewed In: 2023				
	ISO 9449: 2007				
70	IS 16933:2018	Tools for Moulding - Sprue Bushes	May, 2023	-	Identical under dual
	ISO 10072 : 2004	- Dimensions			numbering
	Reviewed In: 2023				
	ISO 10072:2004				
71	IS 16934:2018	Tools for Moulding - Support	May, 2023	-	Identical under dual
	ISO 10073 : 2008	Pillars			numbering
	Reviewed In: 2023				
	ISO 10073 : 2008				
72	IS 16935 (Part	Tools for Moulding - Locating	May, 2023	-	Identical under dual
	1):2018	Rings Part 1 Locating Rings for			numbering
	ISO 10907 -1 : 2008	Mounting without Thermal			
	Reviewed In: 2023	Insulating Sheets in Small or			
	ISO 10907-1:2008	Medium Moulds (Type A and B)			
73	IS 16935 (Part	Tools for Moulding - Locating	May, 2023	-	Identical under dual
	2):2018	Rings Part 2 Locating Rings for			numbering
		Mounting with Thermal Insulating			
		Sheets in Small or Medium Moulds			
	ISO 10907-2 : 2007	(Types C and D)			
74	· ·	Tools for Pressing â€" Gas Springs	May, 2023	-	Identical under dual
	1):2019	Part 1 General Specifications			numbering
	ISO 11901-1 : 2003				
	Reviewed In: 2023				
	ISO 11901-1:2003				
75	IS 17219 (Part	Tools for pressing Gas springs Part		-	Identical under dual
	2):2023	2: Specification of Accessories			numbering
	ISO 11901-2: 2018				
	ISO 11901-2: 2018				
76		Tools for pressing Gas springs Part		-	Identical under dual
	·	3: Gas spring with increased spring			numbering
	ISO 11901-3:2021	force and compact built height			
	ISO 11901-3:2021				
77		Tools for Pressing Gas Springs Part		-	Identical under dual
	4):2023	4 Gas Springs with Increased			numbering
	ISO 11901-4:2021	Spring Force and Same Built			
	ISO 11901-4:2021	Height			
78	IS 17220:2019	Tools for Pressing â€" Guide Pillar	May, 2023	-	Identical under dual
	ISO 11903 : 2008	Mountings			numbering
	Reviewed In: 2023				
	ISO 11903:2008				
79	IS 17221:2022	Tools for moulding â€"		-	Identical under dual
	ISO 12165:2019	Components of compression and			numbering
	ISO 12165:2019	injection moulds and die casting			
		dies â€" List of equivalent terms			
		and symbols (First Revision)			
80	IS 17222:2019	Tools for Moulding â€" Thermal	May, 2023	-	Identical under dual
	ISO 15600 : 2000	Insulating Sheets for Injection			numbering
	Reviewed In: 2023	Moulds			
$\sqcup$	ISO 15600:2000				
81	IS 17223:2019	Tools for Pressing â€" L-Shaped	May, 2023	-	Identical under dual
Ŭ 1	ISO 16366 : 2008	Guides			numbering

	l	1		ı	1
	Reviewed In: 2023				
-02	ISO 16366:2008	T I C D : ACT C : I	2022		X1 1 1 1 1
82	IS 17224:2019	Tools for Pressing â€" Guide	May, 2023	-	Identical under dual
	ISO 16367 : 2008	plates â€" U- and V-blocks			numbering
	Reviewed In : 2023				
	ISO 16367:2008				<del> </del>
83	IS 17225:2019	Tools for Moulding â€" Sprue	May, 2023	-	Identical under dual
	ISO 16915 : 2003	Pullers			numbering
	Reviewed In: 2023				
	ISO 16915:2003				
84	IS 17226:2019	Tools for Moulding â€" Tool	May, 2023	-	Identical under dual
	ISO 16916 : 2016	Specification Sheet for Injection			numbering
	Reviewed In: 2023	Moulds			
	ISO 16916:2016				
85	IS 17227:2019	Press Tools for Tablets â€"	May, 2023	-	Identical under dual
	ISO 18084 : 2011	Punches and Dies			numbering
	Reviewed In: 2023				
	ISO 18084:2011				
86	IS 17228:2019	Tools for Moulding â€" Tool	May, 2023	-	Identical under dual
	ISO 24233 : 2008	Specification Sheet for Diecasting			numbering
	Reviewed In: 2023	Dies			
	ISO 24233:2008				*
87	IS 17229:2019	Compression and Injection Moulds	May, 2023	-	Identical under dual
	ISO 28238 : 2010	â€" Components for Gating			numbering
	Reviewed In: 2023	Systems			
	ISO 28238:2010				
88	IS 17277 (Part	Machine Tools Safety â€" Presses	May, 2023	-	Identical under dual
	1):2019	Part 1 General Safety			numbering
	ISO 16092-1 : 2017	Requirements			
	Reviewed In : 2023				
89	ISO 16092-1:2017	Machine Teels Cofety Dyesses Dout			Identical under dual
89	IS 17277 (Part 2):2023	Machine Tools Safety Presses Part 2 Safety Requirement for		-	
	ISO 16092-2 : 2019	Mechanical Presses			numbering
	ISO 16092-2 : 2019	Wiedlandar Flesses			
90	IS 17277 (Part	Machine tools safety Presses	September, 2025		Identical under dual
30	3):2021	Part 3: Safety requirements for	September, 2023	_	numbering
		hydraulic presses Adoption of ISO			numbering
	Reviewed In : 2025	16092-3:2017 ICS 2508001			
	ISO 16092-3 : 2017	10072-3.2017 1CS 2300001			
91	IS 17277 (Part	Machine Tools Safety Presses Part		<del> </del> -	Identical under dual
``	4):2023	4 Safety Requirements for			numbering
	ISO 16092-4 : 2019	Pneumatic Presses			
	ISO 16092-4 : 2019				
92	IS 19119:2025	Tools for pressing Spring plungers		-	Identical under dual
1 -	ISO 20928	with helicoidal compression steel			numbering
	ISO 20928	spring or gas spring			
93	IS 19120 (Part	Tools for Pressing Gas Springs Part		-	Identical under dual
	5):2025	5: Safety Instructions for Gas			numbering
	ISO 11901-5 : 2021	Springs			
	ISO 11901-5 : 2021				
94	IS 19121:2025	Tools for Pressing � Vocabulary		-	Identical under dual
	ISO 21223 : 2019				numbering
	ISO 21223 : 2019				
95	IS 19183 (Part	Tools for Pressing � Elastomer		-	Identical under dual
	1):2025	Pressure Springs Part 1 General			numbering
	ISO 10069-1:2008	Specification			
	ISO 10069-1:2008			<u> </u>	
96	IS 19183 (Part	Tools for Pressing � Elastomer		-	Identical under dual
I	I	ı		I	1

ı	2):2025	Pressure Springs Part 2		1	numbering
	ISO 10069-2 : 2008				numbering
	ISO 10069-2 : 2008				
97	IS 19184 (Part	Tools for pressing "i,1/2 Ball-lock		_	Identical under dual
	1):2025	punches Part 1: Ball-lock punches			numbering
	ISO 10071-1 : 2008	-			
	ISO 10071-1:2008				
98	IS 19184 (Part	Tools for pressing � Ball-Lock		-	Identical under dual
	2):2025	Punches Part 2: Ball-Lock Punches			numbering
	ISO 10071-2 : 2005	for Heavy Duty			
	ISO 10071-2:2005				
99	IS 19185:2025	Tools for pressing � Sliding		-	Identical under dual
	ISO 23480 : 2013	plates			numbering
	ISO 23480 : 2013				
100	IS 19273:2025	Tools for Pressing � Heel		-	Identical under dual
	ISO 20929:2018	Guiding in Large Stamping and			numbering
	ISO 20929:2018	Forming Dies			
101	IS 2515:1978	Test chart for guillotine shears	March, 2021	-	Indigenous
	Reviewed In: 2021	(First Revision)			
	Reaffirmed but not				
	taken up for revision				
102	IS 4296 (Part	Tools for pressing: Part 1 round	September, 2025	-	Identical under dual
	1):2016	punches with 60 degrees conical			numbering
	ISO 6752 : 2008	head and straight shank (Second			
	Reviewed In : 2025	Revision)			
102	ISO 6752 : 2008	Trade for Danada a Danada a Danada		1	T., 1'
103	IS 4296 (Part	Tools for Pressing Punches Part 2		1	Indigenous
	2):2024	Punches with Cylindrical Head and			
		Straight or Reduced Shank (second revision)			
104	IS 4296 (Part	Tools for pressing: Part 3 round	January, 2025		Identical under dual
104	3):2015	punches with 60 degree conical	January, 2023	_	numbering
	ISO 9181 : 2007	head and reduced shank (Second			numbering
	Reviewed In : 2025				
	ISO 9181 : 2007	Revision)			
105	IS 4592:2002	Acceptance conditions of open	May, 2023	_	Identical under dual
105	ISO 6899	mechanical front power presses -	1,1aj, 2025		numbering
	Reviewed In: 2023	Testing of accuracy (First			
	ISO 6899 : 1984	Revision)			
106	IS 4593:1968	Test chart for straight - Sided	March, 2021	-	Indigenous
	Reviewed In: 2021	presses	,		
	Reaffirmed but not				
	taken up for revision				
	_				
107	IS 4918:1981	Specification for hard metal	August, 2024	-	Not Equivalent
	ISO 1684	(Carbide) wire, bar and tube			
	Reviewed In: 2024	drawing dies (First Revision]			
	ISO 1684 : 1975				
108	IS 6652 (Part	Glossary of terms relating to metal	March, 2021	-	Indigenous
	1):1986	forming machines and tools part 1			
	Reviewed In: 2021	metal forming tools (First			
	Reaffirmed but not	Revision)			
	taken up for revision				
	-2				
109	IS 6652 (Part	Glossary of terms relating to metal	March, 2021	-	Indigenous
	2):1986	forming machines and tools: Part 2			
		metal forming machines relating to			
	Reaffirmed but not	sheet metal (First Revision )			
-	-	•		-	-

	taken up for revision				
110	IS 6652 (Part 3):1986 Reviewed In : 2022	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
111	IS 7468:1974 Reviewed In : 2025	Recommendation on preferred strokes for mechanical and hydraulic presses	September, 2025	1	Indigenous
112	IS 7469:1974 Reviewed In : 2024	Recommendation on preferred capacities for mechanical and hydraulic presses	August, 2024	-	Indigenous
113	IS 7664:2005 Reviewed In : 2025	Guide pillar for press tool die sets - Specification (Second Revision)	September, 2025	-	Indigenous
114	IS 7706:1975 Reviewed In : 2025	Specification for bolster plates for gap frame presses without die cushion	September, 2025	-	Indigenous
115	IS 7707:1975 Reviewed In : 2025	Specification for bolster plates for gap frame presses with die cushion	September, 2025	-	Indigenous
116	IS 8064:2002 Reviewed In : 2024	Method of designation of mechanical and hydraulic presses (Second Revision)	August, 2024	-	Indigenous
117	IS 8127:2005 Reviewed In : 2025	Guide bushes for press tool die sets - Specification (Second Revision)	September, 2025	-	Indigenous
118	IS 8711:2002 Reviewed In : 2024 ISO 6898:1984	Gap frame open front mechanical presses - Capacity ratings and dimensions (First Revision)	August, 2024	-	Not Equivalent
119	IS 9266 (Part 1):2017 Reviewed In : 2024	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 9266 (Part 4):1990 Reviewed In : 2022	Press working die sets (Boss Type) - Specieication: Part 4 centre post reverse rectangular die sets	April, 2022	-	Indigenous
123	IS 9888:1981 ISO 2804 Reviewed In : 2024 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
No Records Found		

		Preliminary Draft Standards
SI. No.	Doc No.	Title

#### No Records Found

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
No Records Found		

	Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title	
1	PGD 4 (28047)	Tools for Pressing Part 1 Round Punches with 60 Degrees Conical Head and Straight Shank	

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:114 Total Standards Under development:1

### **Aspect Wise Report**

Product: 76
Code of Practices: 0
Methods of Test: 0
Terminology: 9
Dimensions: 23
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	Dimensions of Machined Plates for Press Tools Moulds Jigs and Fixtures ISO Title Machined
	ISO 6753	Plates for Press Tools Moulds Jigs and Fixtures - Nominal Dimensions
2	IS 12665 (Part 1):1989	Press working tools - Shanks Part 1 General dimensions and survey
	Reviewed In: 2010	
3	IS 12665 (Part 2):1989	Press Working Tools - Shanks part 2 Shanks to Suit Rivetting
	Reviewed In: 2010	
4	IS 12665 (Part 3):1989	Press Working Tools - Shanks part 3 Shanks with Screwed Shaft
	Reviewed In: 2010	
5	IS 12665 (Part 4):1989	Press working tools - shanks Part 4 Shanks with neck and collar
	Reviewed In: 2010	
6	IS 12665 (Part 5):1996	Press working tools - Shanks Part 5 Shanks with square flanges
	Reviewed In: 2010	
7	IS 12665 (Part 6):1996	Press Working Tools - Shanks - Part 6 Shanks with Rectangular Flanges
	Reviewed In: 2014	
8	IS 12665 (Part 7):1996	Press Working Tools - Shanks - Part 7 Shanks with Screwed Shaft and Collar
	Reviewed In: 2011	

9	IS 4296 (Part 3):2002	
	Reviewed In: 2014 IEC	
	62087-1:2015	
10	IS 4296 (Part 4):2002	Tools for pressing Part 4 round punches with 60 conical head and reduced shank First Revision
	ISO 8021	
	Reviewed In: 2014 ISO	
	9181 : 1990	

# **Annexure-II :List of Indian Product Standards**

SI. No.	IS No. & Year	Title
1	IS 10068 (Part 1):2018	Press Working Die Sets Plain Type Specification Part 1 Centre Post Rectangular Die Sets First
		Revision
2	IS 10068 (Part 2):2018	Press working die sets Plain Type - Specification Part 2 centre post square die sets First Revision
	Reviewed In: 2024	
3	IS 10068 (Part 3):1990	Press working die sets - Plain type - Specification Part 3 centre post round die sets
	Reviewed In: 2022	
4	IS 10068 (Part 4):1997	Press working die sets Plain Type Part 4 rear post rectangular die sets - Specification
	Reviewed In : 2022	
5	IS 10068 (Part 5):1996	Press working die sets Plain Type Part 5 rear post square die sets - Specification
	Reviewed In : 2022 IS 10068 (Part 6):1996	Duese menting die eete Dieie Tyne Deut (maan neet neund die eete Creeifiestien
6	Reviewed In : 2022	Press working die sets Plain Type Part 6 rear post round die sets - Specification
7	IS 10650:1983	Specification for pressure pins
'	Reviewed In : 2021	Specification for pressure pins
	Reaffirmed but not taken up	
	for revision	
8	IS 11684:1986	Test chart for spinning and planishing lathes
	Reviewed In: 2021	1 400 chain for opining and plantoning and co
	Reaffirmed but not taken up	
	for revision	
9	IS 11742:1986	Test chart for die sets
	Reviewed In: 2021	
	Reaffirmed but not taken up	
	for revision	
10	IS 14757:2000	RECOMMENDATIONS ON PREFERRED CAPACITIES AND DIMENSIONS FOR
	Reviewed In: 2021	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
	Reviewed In: 2021	accuracy
12	IS 14877 (Part 2):2002	Hydraulic presses - Straight sided column C - Frame type Part 2 test chart for technical
10	Reviewed In : 2024	Performance evaluation of presses and press brakes
13	IS 15424 (Part 2):2018	Tools for pressing - Guide pillars Part 2 type A straight pillars First Revision
	ISO 9182-2 : 2013 Reviewed In : 2023 ISO	
	9182-2:2013	
14	IS 15424 (Part 3):2021	Tools for pressing Guide pillars Part 3 Type B end-locking pillars Second Revision
17	ISO 9182-3:2020	10015 101 pressing Guide pindio 1 art 5-13pe b end toeking pindio occond revision
	Reviewed In : 2025 ISO	
	8000-61 : 2016	
15	IS 15424 (Part 4):2022	Tools for pressing Guide pillars Part 4 Type C pillars with taper lead and bush Second Revision
	ISO 9182-4:2020	
	ISO/TS 23565:2021	
16	IS 15424 (Part 5):2022	Tools for pressing Guide pillars Part 5 Type D end-locking pillars with flange Second Revision
	ISO 9182-5:2020	
17	IS 15448 (Part 1):2018	Tools for pressing - Guide bushes Part 1 forms First Revision
	ISO 9448-1 : 2013	
-	· •	•

	Reviewed In : 2024 ISO 9448-1:2013	
18	IS 15448 (Part 2):2017 ISO 9448-2 : 2013	Tools for pressing - Guide bushes Part 2 form A gliding bushes plain type 1 First Revision
	Reviewed In : 2024 ISO 9448-2	
19	IS 15448 (Part 3):2018	Tools for pressing - Guide bushes Part 3 form B ball cage bushes plain type 1 First Revision
	ISO 9448-3 : 2013	
	Reviewed In : 2024 ISO 9448-3	
20	IS 15448 (Part 4):2018	Tools for pressing - Guide bushes Part 4 form C gliding bushes headed type 1 First Revision
	ISO 9448-4	
	Reviewed In : 2024 ISO 9448-4:1991	
21	IS 15448 (Part 5):2018	Tools for pressing - Guide bushes Part 5 form D ball cage bushes headed type 1 First Revision
	ISO 9448-5 : 2013 Reviewed In : 2024 ISO	
	9448-5	
22	IS 15448 (Part 6):2018	Tools for pressing - Guide bushes Part 6 form E gliding bushes flanged type 1 First Revision
	ISO 9448-6 : 2013	
	Reviewed In : 2023 ISO 9448-6	
23	IS 15448 (Part 7):2018	Tools for pressing - Guide bushes Part 7 form F ball cage bushes flanged type 1 First Revision
	ISO 9448-7 : 2013	
	Reviewed In: 2023 ISO	
24	9448-7:2013	Tarle formacing C. ide bash a Day Ofens C. il'line bash a grand to a 1. First David and
24	IS 15448 (Part 8):2018 ISO 9448-8 : 2013	Tools for pressing - Guide bushes Part 8 form G gliding bushes stepped type 1 First Revision
	Reviewed In: 2023 ISO	
	9448-8	
25	IS 15448 (Part 9):2018	Tools for pressing - Guide bushes Part 9 form B ball cage bushes plain type 2 First Revision
	ISO 9448-9 : 2013 Reviewed In : 2023 ISO	
	9448-9	
26	IS 15448 (Part 10):2018	Tools for pressing - Guide bushes Part 10 form E gliding bushes flanged type 2 First Revision
	ISO 9448-10 : 2013	
	Reviewed In : 2023 ISO 9448-10	
27	IS 15448 (Part 11):2018	Tools for pressing - Guide bushes Part 11 form F ball cage bushes flanged type 2 First Revision
	ISO 9448-11 : 2013	
	Reviewed In: 2023 ISO	
28	9448-11 IS 15744:2007	Angular Deflection for C Frame Mechanical Presses Specification
20	Reviewed In : 2024	Angular Deficed on for C Frame wicenamear Fresses specification
29	IS 15745:2007	Deflection for straight sided mechanical presses - Specification
20	Reviewed In : 2024	ANGULAR DEEL EGENOVEOR GERANGEN EN LA CONTRACTOR DE LA CO
30	IS 15746:2007 Reviewed In : 2024	ANGULAR DEFLECTION FOR C FRAME HYDRAULIC PRESSES - SPECIFICATION
31	IS 15747:2007	Angular deflection for straight sided hydraulic presses - Specification
	Reviewed In: 2024	
32	IS 16793 (Part 1):2019	Tools for pressing - Ball - Lock punch retainers Part 1 types A and B rectangular and square for
	ISO 11900-1 : 2007	light duty
	Reviewed In : 2023 ISO 11900-1:2007	
33	IS 16793 (Part 2):2019	Tools for pressing - Ball - Lock punch retainers Part 2 types C and D reduced for light duty
	ISO 11900-2 : 2008	
	Reviewed In : 2023 ISO	
34	11900-2:2008 IS 16793 (Part 3):2018	Tools for pressing - Ball - Lock punch retainers Part 3 type E reduced for heavy duty
] 34	15 10/95 (Fait 5).2018	10015 for pressing - Dail - Lock punch retainers rait 3 type E reduced for heavy duty

		1
	ISO 11900-3 : 2004	
	Reviewed In: 2023 ISO	
	11900-3:2004	
35	IS 16794 (Part 1):2019	Tools for pressing - Punch holder shanks Part 1 type A
	ISO 10242-1 : 2011	
	Reviewed In: 2023 ISO	
	10242-1:2011	
36	IS 16794 (Part 2):2019	Tools for pressing - Punch holder shanks Part 2 type C
	ISO 10242-2 : 2008	
	Reviewed In: 2023 ISO	
	10242-2:2008	
37	IS 16794 (Part 3):2019	Tools for pressing Punch holder shanks Part 3 Type D
	ISO 10242-3:2008	
	ISO 5621:1984	
38	IS 16795:2018	Tools for pressing - Die sets
	ISO 11415 : 1997	
	Reviewed In: 2023 ISO	
	11415:1997	
39	IS 16799:2018	Tools for pressing - Matrixes
	ISO 8977 : 2003	The second second
	Reviewed In: 2023 ISO	
	8977:2003	
40	IS 16800 (Part 1):2018	Tools for pressing - Wear plates for press dies Part 1 type A
10	ISO 9183-1 : 2008	10013 for pressing Wear places for press dies fait i type 11
	Reviewed In : 2023 ISO	
	9183-1:2008	
41	IS 16800 (Part 2):2018	Tools for pressing - Wear plates for press dies Part 2 type B
41	ISO 9183-2 : 2011	1001s for pressing - wear places for press thes Fart 2 type B
	ISO 9183-2:2008	
42	IS 16924:2018	Tools for Moulding -Ejector Pins with Cylindrical Head
42	ISO 6751:2011	100is for Moulding -Ejector Fins with Cynnidical Head
	Reviewed In : 2023 ISO	
	6751:2011	
43	IS 16927:2023	Tools for Moulding Angle Pins
43	ISO 8404:2021	100is for Woulding Aligie Filis
44	ISO 16073-3:2019 IS 16928:2022	Tools for moulding Ejector sleeves with cylindrical head Basic series for general purposes First
44		Revision
	ISO 8405:2020	Revision
15	IS 16929:2018	Tools for Moulding Mould Doors Dound Locating Flaments and Spaces
45		Tools for Moulding - Mould Bases - Round Locating Elements and Spacers
	ISO 8406 : 2008	
	Reviewed In : 2023 ISO	
4.6	8406 : 2008	The Control of the Co
46	IS 16930:2018	Tools for Moulding - Flat Ejector Pins
	ISO 8693 : 2011	
	Reviewed In: 2023 ISO	
<u> </u>	8693 : 2011	m 1 6 37 111 01 11 171 71
47	IS 16931:2018	Tools for Moulding - Shouldered Ejector Pins
	ISO 8694 : 2011	
	Reviewed In: 2023 ISO	
15	8694 : 2011	
48	IS 16935 (Part 1):2018	Tools for Moulding - Locating Rings Part 1 Locating Rings for Mounting without Thermal
	ISO 10907 -1 : 2008	Insulating Sheets in Small or Medium Moulds Type A and B
	Reviewed In: 2023 ISO	
	10907-1:2008	
49	IS 16935 (Part 2):2018	Tools for Moulding - Locating Rings Part 2 Locating Rings for Mounting with Thermal Insulating
	ISO 10907-2 : 2007	Sheets in Small or Medium Moulds Types C and D
	Reviewed In: 2023 ISO	
	10907-2 : 2007	
	1	

50	IG 17010 (P. + 2) 2022	
50	IS 17219 (Part 2):2023	Tools for pressing Gas springs Part 2 Specification of Accessories
	ISO 11901-2: 2018	
51	IS 17219 (Part 4):2023	Tools for Pressing Gas Springs Part 4 Gas Springs with Increased Spring Force and Same Built
31	ISO 11901-4:2021	Height
	IEC TS 63471:2023	neight
52	IS 17220:2019	Tools for Pressing Guide Pillar Mountings
32	ISO 11903 : 2008	10015 for 1 lessing Outde 1 that Wountings
	Reviewed In : 2023 ISO	
	11903:2008	
53	IS 17222:2019	Tools for Moulding Thermal Insulating Sheets for Injection Moulds
	ISO 15600 : 2000	10013 for Mounting Thermal histalating Sheets for injection Mounts
	Reviewed In : 2023 ISO	
	15600:2000	
54	IS 17225:2019	Tools for Moulding Sprue Pullers
54	ISO 16915 : 2003	10018 for Modicing Sprice Functs
	Reviewed In : 2023 ISO	
	16915:2003	
55	IS 19119:2025	Tools for pressing Spring plungers with helicoidal compression steel spring or gas spring
33	ISO 20928	10013 101 pressing opting prangers with hencoidal compression secon spring of gas spring
	150 20720	
56	IS 19120 (Part 5):2025	Tools for Pressing Gas Springs Part 5 Safety Instructions for Gas Springs
	ISO 11901-5 : 2021	2 4 4 4 5 4 5 4 6 6 6 6 6 6 6 6 6 6 6 6 6
57	IS 19121:2025	Tools for Pressing Vocabulary
	ISO 21223 : 2019	
58	IS 19183 (Part 1):2025	Tools for Pressing Elastomer Pressure Springs Part 1 General Specification
	ISO 10069-1 : 2008	
59	IS 19183 (Part 2):2025	Tools for Pressing Elastomer Pressure Springs Part 2 Specification of Accessories
	ISO 10069-2 : 2008	
60	IS 19184 (Part 1):2025	Tools for pressing Ball-lock punches Part 1 Ball-lock punches for light duty
	ISO 10071-1 : 2008	
61	IS 19184 (Part 2):2025	Tools for pressing Ball-Lock Punches Part 2 Ball-Lock Punches for Heavy Duty
	ISO 10071-2 : 2005	
(2)	IC 10107 2027	TD 1.6 '. CI'.I'. 1.4
62	IS 19185:2025 ISO 23480 : 2013	Tools for pressing Sliding plates
	180 23480 : 2013	
63	IS 2515:1978	Test chart for guillotine shears First Revision
0.5	Reviewed In : 2021	rost offact for guillottic should right Revision
	Reaffirmed but not taken up	
	for revision	
64	IS 4296 (Part 2):2024	Tools for Pressing Punches Part 2 Punches with Cylindrical Head and Straight or Reduced Shanl
0-7	15 1270 (1 a1t 2),2027	second revision
65	IS 4592:2002	Acceptance conditions of open mechanical front power presses - Testing of accuracy First
	ISO 6899	Revision
	Reviewed In : 2023 ISO	TO HOLVII
	6899 : 1984	
66	IS 4593:1968	Test chart for straight - Sided presses
	Reviewed In: 2021	r r g
	Reaffirmed but not taken up	
	-1	
67		Specification for hard metal Carbide wire bar and tube drawing dies First Revision
	ISO 1684	
67	for revision IS 4918:1981	Specification for hard metal Carbide wire bar and tube drawing dies First Revisi

	1684 : 1975	
68	IS 7664:2005	Guide pillar for press tool die sets - Specification Second Revision
	Reviewed In: 2025	
69	IS 7706:1975	Specification for bolster plates for gap frame presses without die cushion
	Reviewed In: 2025	
70	IS 7707:1975	Specification for bolster plates for gap frame presses with die cushion
	Reviewed In: 2025	
71	IS 8127:2005	Guide bushes for press tool die sets - Specification Second Revision
	Reviewed In: 2025	
72	IS 9266 (Part 1):2017	Press working die sets Boss Type - Specification Part 1 centre post rectangular die sets First
		Revision
	Reviewed In: 2024	
73	IS 9266 (Part 2):2019	Press working die sets Boss Type - Specification Part 2 centre post square die sets First Revision
74	IS 9266 (Part 3):2019	Press working die sets Boss Type - Specification Part 3 centre post round die sets First Revision
75	IS 9266 (Part 4):1990	Press working die sets Boss Type - Specieication Part 4 centre post reverse rectangular die sets
	Reviewed In: 2022	
76	IS 9888:1981	Dimensions for sintered pellets of hard metal Carbide for wire bar and tube drawing dies
	ISO 2804	
	Reviewed In: 2024 ISO	
	2804:1973	