

BUREAU OF INDIAN STANDARDS

Program of Work

MED 29 : Sewing Machines

Scope: a) Formulation of standards on sewing machines, sewing machine parts and accessories for household and industrial purposes. b) Co-ordination of work with ISO/TC 148 Sewing machines.

Liaison: **TC-148 (O): Sewing machines**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10040:1981 <i>Reviewed In : 2022</i> Reaffirmed but not taken up for revision	Specification for rotating hooks for sewing machines for industrial use	January, 2022	-	Indigenous
2	IS 10304:2024	Feed Rock Shaft for Sewing Machines for Household Purposes - Specification (First Revision)		-	Indigenous
3	IS 10305:2025	Sewing Machine for Household Purposes - Feed Rock Shaft Crank - Specification (First Revision)		-	Indigenous
4	IS 10306:2025	Sewing Machine for Household Purposes - Feed Lifting Rock Shaft Crank - Specification (First Revision)		-	Indigenous
5	IS/ISO 10821:2005 ISO 10821 : 2005 <i>IS/ ISO 10821</i>	Industrial Sewing Machines - Safety Requirements for Sewing Machines, Units and Systems		-	Identical under single numbering
6	IS 11280:1996 <i>Reviewed In : 2022</i> Reaffirmed but not taken up for revision	Household sewing machines - Feed bars - Specification (First Revision)	January, 2022	-	Indigenous
7	IS 11345:1985 <i>Reviewed In : 2021</i> Reaffirmed but not taken up for revision	Specification for oscillating shaft crank for sewing machines for household purposes	February, 2021	-	Indigenous
8	IS 11347:1995 <i>Reviewed In : 2022</i> Reaffirmed but not taken up for revision	Household sewing machines - Shuttle driver - Specification (First Revision)	January, 2022	-	Indigenous
9	IS 11737:1996 <i>Reviewed In : 2021</i>	Industrial bag stitching machine - Specification (First Revision)	February, 2021	1	Indigenous
10	IS 12058:2024	Slide Plates for Sewing Machines for Household Purposes -		-	Indigenous

		Specification (First Revision)			
11	IS 12109:1987 Reviewed In : 2022	General requirements for light duty sewing machine heads for industrial use	January, 2022	1	Indigenous
12	IS 12740:1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Household sewing machines - Stand - Specification	December, 2024	2	Indigenous
13	IS 12789:2024	Household Sewing Machines - Tables and Base -Specification (First Revision)		-	Indigenous
14	IS 12798:1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Household sewing machines - Flywheels - Specification	December, 2024	1	Indigenous
15	IS 1294:1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Household sewing machines - Bobbins - Specification (Third Revision)	December, 2024	1	Indigenous
16	IS 1295:1990 Reviewed In : 2021 Reaffirmed but not taken up for revision	Household sewing machines - Needle bar - Specification (Second Revision)	February, 2021	-	Indigenous
17	IS 1296:2024	HOUSEHOLD SEWING MACHINE " PRESSER FOOT " SPECIFICATION		-	Indigenous
18	IS 1297:2024	HOUSEHOLD SEWING MACHINE 1½ PRESSER BAR 1½ SPECIFICATION		-	Indigenous
19	IS 13120:1991 Reviewed In : 2022	Household sewing machines - Flywheel bush - Specification	January, 2022	-	Indigenous
20	IS 13192:2025	Household Sewing Machines - Hand Attachment Assembly (First Revision)		-	Indigenous
21	IS 13806:2025	HOUSEHOLD SEWING MACHINE - CLOSED TYPE SHUTTLE RACE ASSEMBLY - SPECIFICATION (First Revision)		-	Indigenous
22	IS 13825:2024	Household Sewing Machines - Arm Shaft Front Bush ? Specification (First Revision)		-	Indigenous
23	IS 13872:1993 Reviewed In : 2020	Household sewing machine - Stitch regulators - Specification	March, 2020	2	Indigenous
24	IS 13972:2024	Household Sewing Machines - Bobbin Winder Assembly - Specification (First Revision)		-	Indigenous
25	IS 14207:2025	Household Sewing Machines - Open Type Shuttle Race Sub-Assembly - Specification (First Revision)		-	Indigenous
26	IS 14477:1997 Reviewed In : 2022	Industrial sewing machines (Light Duty) - Stand - Specification	January, 2022	-	Indigenous
27	IS 14761:2000 Reviewed In : 2021	Link type thread take up lever sub assembly for industrial sewing	February, 2021	-	Indigenous

		machines - Specification			
28	IS B14769:2000 Reviewed In : 2016	Household Sewing Machine Head - General Requirements (Bilingual)	February, 2016	-	
29	IS 15169:2002 Reviewed In : 2022	Needles for sewing machines for industrial purpose - Specification	January, 2022	1	Indigenous
30	IS 15312:2003 Reviewed In : 2024	Method of test for seam puckering on materials sewn by industrial sewing machines	July, 2024	-	Indigenous
31	IS 15313:2003 Reviewed In : 2024	Method of test for vibration measurement for industrial sewing machines	May, 2024	-	Indigenous
32	IS 15314:2003 Reviewed In : 2024	Method of tests for tightness and balance of stitches on seam sewn by industrial sewing machines	May, 2024	-	Indigenous
33	IS 15449 (Part 1):2004 Reviewed In : 2020	Household zig - Zag sewing machine head: Part 1 general requirements	March, 2020	-	Indigenous
34	IS 15449 (Part 1):2024	Household Zig-Zag Sewing Machine/Head Part 1 General Requirements (First Revision)		-	Indigenous
35	IS 15449 (Part 2):2024	Household Zig-Zag Sewing Machine/Head Part 2 Accuracy Requirements (First Revision)		-	Indigenous
36	IS 15449 (Part 3):2024	Household Zig-Zag Sewing Machine/Head Part 3 Sewing Requirements (First Revision)		-	Indigenous
37	IS 15449 (Part 4):2024	Household Zig-Zag Sewing Machine/Head Part 4 Durability Requirements (First Revision)		-	Indigenous
38	IS 1610:2018 Reviewed In : 2023	Household sewing machines - General requirements (Fourth Revision)	October, 2023	-	Indigenous
39	IS 2181:2024	Sewing Machine Needles for Household Purposes - Specification (Second Revision)		1	Indigenous
40	IS 3290:2025	Household Sewing Machines - Thread Take-Up Lever Sub-Assembly for Cam-Type Machines - Specification (Fourth Revision)		-	Indigenous
41	IS 3291:2023	Thread take up cams for sewing machines for household purposes Specification		-	Indigenous
42	IS 3299:2025	Oscillating Rock Shafts for Sewing Machines for Household Purposes ? Specification (Second Revision)		-	Indigenous
43	IS 3375:1991 Reviewed In : 2022 Reaffirmed but not taken up for revision	Household sewing machines - Bobbin case - Specification (Second Revision)	January, 2022	-	Indigenous
44	IS 3816:2025	Connecting Rods for Sewing Machines for Household Purposes - Specification (First Revision)		-	Indigenous
45	IS 3817:2024	Household Sewing Machines â€™ Arm Shaft â€™ Specification (Second Revision)		-	Indigenous
46	IS 3868:2025	Feed Lifting Rock Shaft for Sewing Machines for Household Purposes i½ Specification (First		-	Indigenous

		Revision)			
47	IS 4181:1967 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feed fork for sewing machines for household purposes	February, 2021	1	Indigenous
48	IS 4188:1996 Reviewed In : 2021 Reaffirmed but not taken up for revision	Household sewing machines - Oscillating shaft - Specification (First Revision)	February, 2021	-	Indigenous
49	IS 4338:2025	Household Sewing Machines Vertical Oscillating Shuttle $\frac{1}{2}$ Specification (Third Revision)		-	Indigenous
50	IS 4339:1997 Reviewed In : 2022	Household sewing machines - Needle bar link studs - Specification (First Revision)	January, 2022	-	Indigenous
51	IS 4340:2025	Needle Bar Links For Sewing Machines For Household Purposes - Specification (FIRST REVISION)		-	Indigenous
52	IS 4341:2024	HOUSEHOLD SEWING MACHINES - FEED BAR ROLLERS AND STUDS - SPECIFICATION (Second Revision)		-	Indigenous
53	IS 4342:1967 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for square slider for oscillating rock shaft for sewing machines for household purposes	February, 2021	-	Indigenous
54	IS 4632:1968 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for square sliders for stitch regulators for sewing machines for household purposes	February, 2021	1	Indigenous
55	IS 4735:1968 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for arm shaft cams for sewing machines for household purposes	February, 2021	1	Indigenous
56	IS 5740:1996 Reviewed In : 2021	Household sewing machines - Memorandum on screw threads for sewing machine components (First Revision)	February, 2021	-	Indigenous
57	IS 6903:1973 Reviewed In : 2021	Glossary of terms relating to sewing machines for household purposes	November, 2021	-	Indigenous
58	IS 7491:1989 Reviewed In : 2025	Sewing machines, household accuracy requirements (First Revision)	September, 2025	-	Indigenous
59	IS 7492:1989 Reviewed In : 2025	Sewing machines, household - Sewing requirements (First Revision)	September, 2025	-	Indigenous
60	IS 7493:1989 Reviewed In : 2025	Sewing machines, household - Durability requirements (First Revision)	September, 2025	1	Indigenous
61	IS/ISO 8239:1987 ISO 8239 : 1987	Sewing Machine Needles - Fitting Dimensions - Tolerances and		-	Identical under dual numbering

	IS/ ISO 8239	Combinations			
62	IS 8892:1978 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for bobbins for sewing machines with rotating hooks for industrial use	February, 2021	-	Indigenous
63	IS 9152:2023	Industrial Sewing Machines $\frac{1}{2}$ Glossary of Terms and Identification Symbols		-	Indigenous
64	IS 9697:1980 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for bobbin cases for sewing machines with rotating hooks for industrial use	February, 2021	-	Indigenous
65	IS 9874:1981 Reviewed In : 2022	Specification for arm and bed assembly for sewing machines for household purposes	January, 2022	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	MED 29 (28068)	GENERAL REQUIREMENTS FOR HEAVY DUTY SEWING MACHINE HEADS FOR INDUSTRIAL GARMENT USE

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	MED 29 (26888)	General Requirements for Light Duty Sewing Machine Heads for Industrial Use
2	MED 29 (27450)	HOUSEHOLD EMBROIDERY AND EMBROIDERY CUM SEWING MACHINE PART 1 GENERAL REQUIREMENTS
3	MED 29 (27462)	HOUSEHOLD EMBROIDERY AND EMBROIDERY CUM SEWING MACHINE PART 2 ACCURACY REQUIREMENTS
4	MED 29 (27463)	HOUSEHOLD EMBROIDERY AND EMBROIDERY CUM SEWING MACHINE PART 3 SEWING AND EMBROIDERY REQUIREMENTS
5	MED 29 (27464)	HOUSEHOLD EMBROIDERY AND EMBROIDERY CUM SEWING MACHINE PART 4 DURABILITY REQUIREMENTS
6	MED 29 (27921)	HOUSEHOLD SEWING MACHINE STITCH REGULATORS SPECIFICATION First Revision of IS 13872
7	MED 29 (28014)	INDUSTRIAL SEWING MACHINES LIGHT DUTY STAND SPECIFICATION First Revision
8	MED 29 (28015)	ARM AND BED ASSEMBLY FOR SEWING MACHINES FOR HOUSEHOLD PURPOSES SPECIFICATION First Revision of IS 9874

Finalized Draft Indian Standard

SI. No.	Doc No.	Title

No Records Found

Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
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No Records Found

Total Published Standards:63 Total Standards Under development:9

Aspect Wise Report

Product : 57
Code of Practices : 0
Methods of Test : 3
Terminology : 2
Dimensions : 1
System Standard : 0
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 14769:2000 Reviewed In : 2016	Household Sewing Machine Head - General Requirements
2	IS 1610:2000 Reviewed In : 2015 ISO 12619-1 : 2014	Household Sewing Machines - General Requirements

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10040:1981 Reviewed In : 2022 Reaffirmed but not taken up for revision	Specification for rotating hooks for sewing machines for industrial use
2	IS 10304:2024	Feed Rock Shaft for Sewing Machines for Household Purposes - Specification First Revision
3	IS 10305:2025	Sewing Machine for Household Purposes - Feed Rock Shaft Crank - Specification First Revision
4	IS 10306:2025	Sewing Machine for Household Purposes - Feed Lifting Rock Shaft Crank - Specification First Revision
5	IS/ISO 10821:2005 ISO 10821 : 2005 IS/ ISO 10821	Industrial Sewing Machines - Safety Requirements for Sewing Machines Units and Systems
6	IS 11280:1996 Reviewed In : 2022 Reaffirmed but not taken up for revision	Household sewing machines - Feed bars - Specification First Revision
7	IS 11345:1985 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for oscillating shaft crank for sewing machines for household purposes
8	IS 11347:1995 Reviewed In : 2022	Household sewing machines - Shuttle driver - Specification First Revision

	Reaffirmed but not taken up for revision	
9	IS 11737:1996 Reviewed In : 2021	Industrial bag stitching machine - Specification First Revision
10	IS 12058:2024	Slide Plates for Sewing Machines for Household Purposes - Specification First Revision
11	IS 12109:1987 Reviewed In : 2022	General requirements for light duty sewing machine heads for industrial use
12	IS 12740:1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Household sewing machines - Stand - Specification
13	IS 12789:2024	Household Sewing Machines - Tables and Base -Specification First Revision
14	IS 12798:1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Household sewing machines - Flywheels - Specification
15	IS 1294:1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Household sewing machines - Bobbins - Specification Third Revision
16	IS 1295:1990 Reviewed In : 2021 Reaffirmed but not taken up for revision	Household sewing machines - Needle bar - Specification Second Revision
17	IS 1296:2024	HOUSEHOLD SEWING MACHINE PRESSER FOOT SPECIFICATION
18	IS 1297:2024	HOUSEHOLD SEWING MACHINE PRESSER BAR SPECIFICATION
19	IS 13120:1991 Reviewed In : 2022	Household sewing machines - Flywheel bush - Specification
20	IS 13192:2025	Household Sewing Machines - Hand Attachment Assembly First Revision
21	IS 13806:2025	HOUSEHOLD SEWING MACHINE - CLOSED TYPE SHUTTLE RACE ASSEMBLY - SPECIFICATION First Revision
22	IS 13825:2024	Household Sewing Machines - Arm Shaft Front Bush Specification First Revision
23	IS 13872:1993 Reviewed In : 2020	Household sewing machine - Stitch regulators - Specification
24	IS 13972:2024	Household Sewing Machines - Bobbin Winder Assembly - Specification First Revision
25	IS 14207:2025	Household Sewing Machines - Open Type Shuttle Race Sub-Assembly - Specification First Revision
26	IS 14477:1997 Reviewed In : 2022	Industrial sewing machines Light Duty - Stand - Specification
27	IS 14761:2000 Reviewed In : 2021	Link type thread take up lever sub assembly for industrial sewing machines - Specification
28	IS B14769:2000 Reviewed In : 2016	Household Sewing Machine Head - General Requirements Bilingual
29	IS 15169:2002 Reviewed In : 2022	Needles for sewing machines for industrial purpose - Specification
30	IS 15449 (Part 1):2024	Household Zig-Zag Sewing Machine Head Part 1 General Requirements First Revision
31	IS 15449 (Part 2):2024	Household Zig-Zag Sewing Machine Head Part 2 Accuracy Requirements First Revision
32	IS 15449 (Part 3):2024	Household Zig-Zag Sewing Machine Head Part 3 Sewing Requirements First Revision
33	IS 15449 (Part 4):2024	Household Zig-Zag Sewing Machine Head Part 4 Durability Requirements First Revision

34	IS 2181:2024	Sewing Machine Needles for Household Purposes - Specification Second Revision
35	IS 3290:2025	Household Sewing Machines - Thread Take-Up Lever Sub-Assembly for Cam-Type Machines - Specification Fourth Revision
36	IS 3291:2023	Thread take up cams for sewing machines for household purposes Specification
37	IS 3299:2025	Oscillating Rock Shafts for Sewing Machines for Household Purposes Specification Second Revision
38	IS 3375:1991 Reviewed In : 2022 Reaffirmed but not taken up for revision	Household sewing machines - Bobbin case - Specification Second Revision
39	IS 3816:2025	Connecting Rods for Sewing Machines for Household Purposes - Specification First Revision
40	IS 3817:2024	Household Sewing Machines Arm Shaft Specification Second Revision
41	IS 3868:2025	Feed Lifting Rock Shaft for Sewing Machines for Household Purposes Specification First Revision
42	IS 4181:1967 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feed fork for sewing machines for household purposes
43	IS 4188:1996 Reviewed In : 2021 Reaffirmed but not taken up for revision	Household sewing machines - Oscillating shaft - Specification First Revision
44	IS 4338:2025	Household Sewing Machines Vertical Oscillating Shuttle Specification Third Revision
45	IS 4339:1997 Reviewed In : 2022	Household sewing machines - Needle bar link studs - Specification First Revision
46	IS 4340:2025	Needle Bar Links For Sewing Machines For Household Purposes - Specification FIRST REVISION
47	IS 4341:2024	HOUSEHOLD SEWING MACHINES - FEED BAR ROLLERS AND STUDS - SPECIFICATION Second Revision
48	IS 4342:1967 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for square slider for oscillating rock shaft for sewing machines for household purposes
49	IS 4632:1968 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for square sliders for stitch regulators for sewing machines for household purposes
50	IS 4735:1968 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for arm shaft cams for sewing machines for household purposes
51	IS 5740:1996 Reviewed In : 2021	Household sewing machines - Memorandum on screw threads for sewing machine components First Revision
52	IS 7491:1989 Reviewed In : 2025	Sewing machines household accuracy requirements First Revision
53	IS 7492:1989 Reviewed In : 2025	Sewing machines household - Sewing requirements First Revision
54	IS 7493:1989 Reviewed In : 2025	Sewing machines household - Durability requirements First Revision
55	IS 8892:1978 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for bobbins for sewing machines with rotating hooks for industrial use

56	IS 9697:1980 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for bobbin cases for sewing machines with rotating hooks for industrial use
57	IS 9874:1981 Reviewed In : 2022	Specification for arm and bed assembly for sewing machines for household purposes