

## 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>	Specification for rotating hooks for sewing machines for industrial use	January, 2022	-	Indigenous
2	IS 10304 : 1982 <i>Reviewed In : 2022</i>	Specification for feed rock shaft for sewing machines for household purposes	January, 2022	-	Indigenous
3	IS 10305 : 1982 <i>Reviewed In : 2022</i>	Specification for feed rock shaft crank for sewing machines for household purposes	January, 2022	-	Indigenous
4	IS 10306 : 1982 <i>Reviewed In : 2022</i>	Specification for feed lifting rock shaft crank for sewing machines for household purposes	January, 2022	-	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>	Household sewing machines - Feed bars - Specification (First Revision)	January, 2022	-	Indigenous
7	IS 11345 : 1985 <i>Reviewed In : 2021</i>	Specification for oscillating shaft crank for sewing machines for household purposes	February, 2021	-	Indigenous
8	IS 11347 : 1995 <i>Reviewed In : 2022</i>	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 : 1987 <i>Reviewed In : 2022</i>	Specification for slide plates for sewing machines for household purposes	January, 2022	-	Indigenous
11	IS 12109 : 1987 <i>Reviewed In : 2022</i>	General requirements for light duty sewing machine heads for industrial use	January, 2022	1	Indigenous
12	IS 12740 : 1989 <i>Reviewed In : 2020</i>	Household sewing machines - Stand - Specification	March, 2020	2	Indigenous
13	IS 12789 : 1989 <i>Reviewed In : 2020</i>	Household sewing machines - Tables and base	March, 2020	1	Indigenous
14	IS 12798 : 1989 <i>Reviewed In : 2020</i>	Household sewing machines - Flywheels - Specification	March, 2020	1	Indigenous

15	IS 1294 : 1989 Reviewed In : 2020	Household sewing machines - Bobbins - Specification (Third Revision)	March, 2020	1	Indigenous
16	IS 1295 : 1990 Reviewed In : 2021	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 1/2 PRESSER BAR 1/2 SPECIFICATION		-	Indigenous
19	IS 13120 : 1991 Reviewed In : 2022	Household sewing machines - Flywheel bush - Specification	January, 2022	-	Indigenous
20	IS 13192 : 1991 Reviewed In : 2022	Household sewing machines - Hand attachment assembly	January, 2022	-	Indigenous
21	IS 13806 : 1993 Reviewed In : 2020	Household sewing machine - Closed type shuttle race assembly - Specification	March, 2020	-	Indigenous
22	IS 13825 : 1993 Reviewed In : 2020	Household sewing machines - Arm shaft front bush - Specification	March, 2020	1	Indigenous
23	IS 13872 : 1993 Reviewed In : 2020	Household sewing machine - Stitch regulators - Specification	March, 2020	2	Indigenous
24	IS 13972 : 1994 Reviewed In : 2020	Household sewing machines - Bobbin winder assembly - Specification	March, 2020	2	Indigenous
25	IS 14207 : 1994 Reviewed In : 2021	Household sewing machines - Open type shuttle race sub - Assembly - Specification	February, 2021	-	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 machines - Specification	February, 2021	-	Indigenous
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 2) : 2004 Reviewed In : 2020	Household zig - Zag sewing machine head: Part 2 accuracy requirements	March, 2020	-	Indigenous
35	IS 15449 (Part 3) : 2004 Reviewed In : 2020	Household zig - Zag sewing machine head: Part 3 sewing requirements	March, 2020	-	Indigenous
36	IS 15449 (Part 4) : 2004 Reviewed In : 2020	Household zig - Zag sewing machine head: Part 4 durability requirements	March, 2020	-	Indigenous

37	IS 1610 : 2018 <a href="#">Reviewed In : 2023</a>	Household sewing machines - General requirements (Fourth Revision)	October, 2023	-	Indigenous
38	IS 2181 : 1973 <a href="#">Reviewed In : 2021</a>	Specification for sewing machine needles for household purposes (First Revision)	February, 2021	1	Indigenous
39	IS 3290 : 1994 <a href="#">Reviewed In : 2022</a>	Household sewing machines thread take - Up lever sub - Assembly for cam type sewing machines specification (Third Revision)	January, 2022	-	Indigenous
40	IS 3291 : 2023	Thread take up cams for sewing machines for household purposes Specification		-	Indigenous
41	IS 3299 : 1969 <a href="#">Reviewed In : 2021</a>	Specification for oscillating rock shafts for sewing machines for household purposes (First Revision)	February, 2021	1	Indigenous
42	IS 3375 : 1991 <a href="#">Reviewed In : 2022</a>	Household sewing machines - Bobbin case - Specification (Second Revision)	January, 2022	-	Indigenous
43	IS 3816 : 1966 <a href="#">Reviewed In : 2021</a>	Specification for connecting rods for sewing machines for household purposes	February, 2021	1	Indigenous
44	IS 3817 : 2024	Household Sewing Machines "Arm Shaft" Specification (Second Revision)		-	Indigenous
45	IS 3817 : 1991 <a href="#">Reviewed In : 2022</a>	Household sewing machines - Arm shaft - Specification (First Revision)	January, 2022	-	Indigenous
46	IS 3868 : 1966 <a href="#">Reviewed In : 2021</a>	Specification for feed lifting rock shaft for sewing machines for household purposes	February, 2021	-	Indigenous
47	IS 4181 : 1967 <a href="#">Reviewed In : 2021</a>	Specification for feed fork for sewing machines for household purposes	February, 2021	1	Indigenous
48	IS 4188 : 1996 <a href="#">Reviewed In : 2021</a>	Household sewing machines - Oscillating shaft - Specification (First Revision)	February, 2021	-	Indigenous
49	IS 4338 : 1991 <a href="#">Reviewed In : 2022</a>	Household sewing machines vertical oscillating shuttle - Specification f second revision)	January, 2022	-	Indigenous
50	IS 4339 : 1997 <a href="#">Reviewed In : 2022</a>	Household sewing machines - Needle bar link studs - Specification (First Revision)	January, 2022	-	Indigenous
51	IS 4340 : 1967 <a href="#">Reviewed In : 2021</a>	Specification for needle bar links for sewing machines for household purposes	February, 2021	2	Indigenous
52	IS 4341 : 1997 <a href="#">Reviewed In : 2022</a>	Household sewing machines - Feed bar rollers and studs - Specification (First Revision)	January, 2022	-	Indigenous
53	IS 4342 : 1967 <a href="#">Reviewed In : 2021</a>	Specification for square slider for oscillating rock shaft for sewing machines for household purposes	February, 2021	-	Indigenous
54	IS 4632 : 1968 <a href="#">Reviewed In : 2021</a>	Specification for square sliders for stitch regulators for sewing machines for household purposes	February, 2021	1	Indigenous
55	IS 4735 : 1968 <a href="#">Reviewed In : 2021</a>	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 : 2020	Sewing machines, household accuracy requirements (First Revision)	September, 2020	-	Indigenous
59	IS 7492 : 1989 Reviewed In : 2020	Sewing machines, household - Sewing requirements (First Revision)	September, 2020	-	Indigenous
60	IS 7493 : 1989 Reviewed In : 2020	Sewing machines, household - Durability requirements (First Revision)	September, 2020	1	Indigenous
61	IS/ISO 8239 : 1987 ISO 8239 : 1987 IS/ ISO 8239	Sewing Machine Needles - Fitting Dimensions - Tolerances and Combinations		-	Identical under dual numbering
62	IS 8892 : 1978 Reviewed In : 2021	Specification for bobbins for sewing machines with rotating hooks for industrial use	February, 2021	-	Indigenous
63	IS 9152 : 2023	Industrial Sewing Machines $i_c/2$ Glossary of Terms and Identification Symbols		-	Indigenous
64	IS 9697 : 1980 Reviewed In : 2021	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
<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
1	MED 29 (26777) Revision of: IS 3299:1969	OSCILLATING ROCK SHAFTS FOR SEWING MACHINES FOR HOUSEHOLD PURPOSES SPECIFICATION
2	MED 29 (26778) Revision of: IS 3816:1966	CONNECTING RODS FOR SEWING MACHINES FOR HOUSEHOLD PURPOSES SPECIFICATION
3	MED 29 (26779) Revision of: IS 3868:1966	FEED LIFTING ROCK SHAFT FOR SEWING MACHINES FOR HOUSEHOLD PURPOSES SPECIFICATION
4	MED 29 (26888) Revision of: IS 12109:1987	General Requirements for Light Duty Sewing Machine Heads for Industrial Use
5	MED 29 (26922) Revision of: IS 13192:1991	Household Sewing Machines Hand Attachment Assembly

**Draft Standards Completed WC Stage**

SI. No.	Doc No.	Title
1	MED 29 (19156) Revision of: IS 13192:1991	Glossary of Terms Relating to Sewing Machines for Household Purposes
2	MED 29 (19245) Revision of: IS 13192:1991	Industrial Bag Stitching Machine Specification Second Revision
3	MED 29 (19261) Revision of: IS 13192:1991	Household sewing machines Needle bar link studs- Specification Second Revision
4	MED 29 (24190) Revision of: IS 13192:1991	INDUSTRIAL SEWING MACHINES LIGHT DUTY STAND SPECIFICATION First Revision of IS 14477

**Finalized Draft Indian Standard**

SI. No.	Doc No.	Title
1	MED 29 (19256) Revision of: IS 3290:1994	Household Sewing Machines Thread Take-Up Lever Sub-Assembly for Cam-Type Machines Specification Fourth Revision
2	MED 29 (19258) Revision of: IS 10305:1982	Sewing Machine for Household Purposes Feed Rock Shaft Crank Specification First Revision
3	MED 29 (19259) Revision of: IS 10306:1982	Sewing Machine for Household Purposes Feed Lifting Rock Shaft Crank Specification First Revision
4	MED 29 (19430) Revision of: IS 4340:1967	Needle Bar Links For Sewing Machines For Household Purposes Specification
5	MED 29 (19435) Revision of: IS 13806:1993	HOUSEHOLD SEWING MACHINE CLOSED TYPE SHUTTLE RACE ASSEMBLY SPECIFICATION First Revision
6	MED 29 (19812) Revision of: IS 14207:1994	Household Sewing Machines Open Type Shuttle Race Sub-Assembly Specification First Revision

**Finalized Draft Indian Standards under Print**

SI. No.	Doc No.	Title
1	MED 29 (19238) Revision of: IS 2181:1973	Sewing Machine Needles for Household Purposes Specification Second Revision
2	MED 29 (19257) Revision of: IS 10304:1982	Feed Rock Shaft for Sewing Machines for Household Purposes Specification First Revision
3	MED 29 (19807) Revision of: IS 4338:1991	Household Sewing Machines Vertical Oscillating Shuttle Specification
4	MED 29 (23846) Revision of: IS 4341:1997	HOUSEHOLD SEWING MACHINES FEED BAR ROLLERS AND STUDS SPECIFICATION Second Revision of IS 4341
5	MED 29 (24040) Revision of: IS 12058:1987	Slide Plates for Sewing Machines for Household Purposes Specification First Revision
6	MED 29 (24192) Revision of: IS 13972:1994	Household Sewing Machines Bobbin Winder Assembly Specification First Revision
7	MED 29 (24195) Revision of: IS 13825:1993	Household Sewing Machines Arm Shaft Front Bush Specification First Revision
8	MED 29 (24298) Revision of: IS 12789:1989	Household Sewing Machines Tables and Base Specification First Revision
9	MED 29 (25846) Revision of: IS 15449:2004	Household Zig-Zag Sewing Machine Head Part 1 General Requirements First Revision
10	MED 29 (25848) Revision of: IS 15449:2004	Household Zig-Zag Sewing Machine Head Part 2 Accuracy Requirements First Revision
11	MED 29 (25849) Revision of: IS 15449:2004	Household Zig-Zag Sewing Machine Head Part 3 Sewing Requirements First Revision
12	MED 29 (25850) Revision of: IS 15449:2004	Household Zig-Zag Sewing Machine Head Part 4 Durability Requirements First Revision

**Total Published Standards:63 Total Standards Under development:27**

## 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	Specification for rotating hooks for sewing machines for industrial use
2	IS 10304 : 1982 Reviewed In : 2022	Specification for feed rock shaft for sewing machines for household purposes
3	IS 10305 : 1982 Reviewed In : 2022	Specification for feed rock shaft crank for sewing machines for household purposes
4	IS 10306 : 1982 Reviewed In : 2022	Specification for feed lifting rock shaft crank for sewing machines for household purposes
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	Household sewing machines - Feed bars - Specification First Revision
7	IS 11345 : 1985 Reviewed In : 2021	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
9	IS 11737 : 1996 Reviewed In : 2021	Industrial bag stitching machine - Specification First Revision
10	IS 12058 : 1987 Reviewed In : 2022	Specification for slide plates for sewing machines for household purposes
11	IS 12109 : 1987 Reviewed In : 2022	General requirements for light duty sewing machine heads for industrial use
12	IS 12740 : 1989 Reviewed In : 2020	Household sewing machines - Stand - Specification
13	IS 12789 : 1989 Reviewed In : 2020	Household sewing machines - Tables and base
14	IS 12798 : 1989 Reviewed In : 2020	Household sewing machines - Flywheels - Specification
15	IS 1294 : 1989 Reviewed In : 2020	Household sewing machines - Bobbins - Specification Third Revision
16	IS 1295 : 1990	Household sewing machines - Needle bar - Specification Second Revision

	Reviewed In : 2021	
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 : 1991 Reviewed In : 2022	Household sewing machines - Hand attachment assembly
21	IS 13806 : 1993 Reviewed In : 2020	Household sewing machine - Closed type shuttle race assembly - Specification
22	IS 13825 : 1993 Reviewed In : 2020	Household sewing machines - Arm shaft front bush - Specification
23	IS 13872 : 1993 Reviewed In : 2020	Household sewing machine - Stitch regulators - Specification
24	IS 13972 : 1994 Reviewed In : 2020	Household sewing machines - Bobbin winder assembly - Specification
25	IS 14207 : 1994 Reviewed In : 2021	Household sewing machines - Open type shuttle race sub - Assembly - Specification
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) : 2004 Reviewed In : 2020	Household zig - Zag sewing machine head Part 1 general requirements
31	IS 15449 (Part 2) : 2004 Reviewed In : 2020	Household zig - Zag sewing machine head Part 2 accuracy requirements
32	IS 15449 (Part 3) : 2004 Reviewed In : 2020	Household zig - Zag sewing machine head Part 3 sewing requirements
33	IS 15449 (Part 4) : 2004 Reviewed In : 2020	Household zig - Zag sewing machine head Part 4 durability requirements
34	IS 2181 : 1973 Reviewed In : 2021	Specification for sewing machine needles for household purposes First Revision
35	IS 3290 : 1994 Reviewed In : 2022	Household sewing machinesthread take - Up lever sub - Assembly for cam type sewing machines specification Third Revision
36	IS 3291 : 2023	Thread take up cams for sewing machines for household purposes Specification
37	IS 3299 : 1969 Reviewed In : 2021	Specification for oscillating rock shafts for sewing machines for household purposes First Revision
38	IS 3375 : 1991 Reviewed In : 2022	Household sewing machines - Bobbin case - Specification Second Revision
39	IS 3816 : 1966 Reviewed In : 2021	Specification for connecting rods for sewing machines for household purposes
40	IS 3817 : 2024	Household Sewing Machines Arm Shaft Specification Second Revision
41	IS 3868 : 1966 Reviewed In : 2021	Specification for feed lifting rock shaft for sewing machines for household purposes
42	IS 4181 : 1967 Reviewed In : 2021	Specification for feed fork for sewing machines for household purposes
43	IS 4188 : 1996 Reviewed In : 2021	Household sewing machines - Oscillating shaft - Specification First Revision
44	IS 4338 : 1991 Reviewed In : 2022	Household sewing machines vertical oscillating shuttle - Specification f second revision
45	IS 4339 : 1997 Reviewed In : 2022	Household sewing machines - Needle bar link studs - Specification First Revision

46	IS 4340 : 1967 Reviewed In : 2021	Specification for needle bar links for sewing machines for household purposes
47	IS 4341 : 1997 Reviewed In : 2022	Household sewing machines - Feed bar rollers and studs - Specification First Revision
48	IS 4342 : 1967 Reviewed In : 2021	Specification for square slider for oscillating rock shaft for sewing machines for household purposes
49	IS 4632 : 1968 Reviewed In : 2021	Specification for square sliders for stitch regulators for sewing machines for household purposes
50	IS 4735 : 1968 Reviewed In : 2021	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 : 2020	Sewing machines household accuracy requirements First Revision
53	IS 7492 : 1989 Reviewed In : 2020	Sewing machines household - Sewing requirements First Revision
54	IS 7493 : 1989 Reviewed In : 2020	Sewing machines household - Durability requirements First Revision
55	IS 8892 : 1978 Reviewed In : 2021	Specification for bobbins for sewing machines with rotating hooks for industrial use
56	IS 9697 : 1980 Reviewed In : 2021	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