

BUREAU OF INDIAN STANDARDS

Program of Work

MHD 4 : Ear, Nose, Throat and Head & Neck Surgery (ENT - H&N) Instruments

Scope: To formulate Indian Standards for diagnostic, examining, surgical instruments, devices and implants used in Ear, Nose, Throat and Head & Neck Surgery, excluding specific instruments under the scope of MHD 01 “Surgical Instruments” and MHD 08 “Dentistry”.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10272 : 1982 Reviewed In : 2022	Specification for draffin suspension apparatus	January, 2022	1	Indigenous
2	IS 10308 : 1982 Reviewed In : 2022	Tracheostomy Tubes and Guides, Cubley's Pattern	January, 2022	-	Indigenous
3	IS 10344 : 2024	Davis-Boyle Gag Frame and Tongue Plates Specification First Revision		-	Indigenous
4	IS 10725 : 2024	Myringotomy Knife Specification (First Revision)		-	Indigenous
5	IS 10726 : 2024	Meatal Skin Incision Knife Specification (First Revision)		-	Indigenous
6	IS 10786 : 2024	St. Clair Thomsons Rhinoscopic Mirror Specification (First Revision)		-	Indigenous
7	IS 10846 : 2024	Killian's Pattern Nasal Speculum - Specification (First Revision)		-	Indigenous
8	IS 11318 : 1985 Reviewed In : 2022	Bronchoscope, Aspirating, Negus' Pattern	January, 2022	-	Indigenous
9	IS 11319 : 1985 Reviewed In : 2022	Oesophagoscope, Negus' Pattern	January, 2022	-	Indigenous
10	IS 12901 (Part 1) : 2024	Laryngeal Forceps Part 1 Fine Grasping Crocodile Jaws Straight Specification (First Revision)		-	Indigenous
11	IS 12901 (Part 2) : 2024	Laryngeal Forceps Part 2 Oval Cup Specification (First Revision)		-	Indigenous
12	IS 13169 : 1991 Reviewed In : 2022	Ent surgery instruments head mirror - Specification	January, 2022	-	Indigenous
13	IS 13179 : 1991 Reviewed In : 2022	Ent Surgery Instruments - Tracheostomy Tubes, Chevaliar Jackson's Pattern	January, 2022	-	Indigenous
14	IS 17407 : 2020	Digital Otoscope — Handheld Type		-	Indigenous
15	IS 17750 (Part 7) : 2021 ISO 14708-7:2019	Implants for surgery Active implantable medical devices Part 7: Particular requirements for		-	Identical under dual numbering

	ISO 14708-7:2019	cochlear and auditory brainstem Implant Systems(First Revision)			
16	IS 3758 : 2018 Reviewed In : 2023	Hooks, aural - Specification (First Revision)	June, 2023	-	Indigenous
17	IS 3760 : 2021	Probe, Aural, Jobson Horne's Pattern — Specification (First Revision of IS 3760)		-	Indigenous
18	IS 3788 : 2024	Aural Specula Specification First Revision		-	Indigenous
19	IS 3799 : 2019 Reviewed In : 2023	Forceps, aural and nasal, crocodile action - Specification (First Revision)	June, 2023	-	Indigenous
20	IS 3807 : 2024	Aural and Nasal Dressing Forceps Specification (Second Revision)		-	Indigenous
21	IS 4487 : 2024	ENT Surgery Instruments - Forceps ,Tonsil Artery (Birketts Pattern) - Specification (Second Revision)		-	Indigenous
22	IS 4487 : 2000 Reviewed In : 2023	ENT SURGERY INSTRUMENTS - FORCEPS, TONSIL ARTERY (BIRKETTS PATTERN) - SPECIFICATION	February, 2023	-	Indigenous
23	IS 4488 : 2018 Reviewed In : 2023	Forceps, Tonsil Holding (Muck's and White's Patterns) Specification (First Revision)	February, 2023	-	Indigenous
24	IS 4489 : 2018 Reviewed In : 2023	Forceps, Nasal Turbinate, Luc's — Specification (First Revision)	February, 2023	-	Indigenous
25	IS 4504 : 2018 Reviewed In : 2023	Forceps, peritonsillar - Specification (First Revision)	May, 2023	-	Indigenous
26	IS 4514 : 2018 Reviewed In : 2023	Forceps, Tonsil Dissecting (Vaugh's Pattern) - Specification (First Revision)	February, 2023	-	Indigenous
27	IS 4520 : 2018 Reviewed In : 2023	Forceps, Punch, Nasal Citelli's Antrum and Hajek's Sphenoidal— Specification (First Revision)	February, 2023	-	Indigenous
28	IS 4959 : 2018 Reviewed In : 2023	Raspatory, Nasal, Howarth's— Specification (First Revision)	February, 2023	-	Indigenous
29	IS 4994 : 1968 Reviewed In : 2023	Specification for Forceps, Redressing, Walsham's Right, Left and Straightening	February, 2023	1	Indigenous
30	IS 5338 : 2024	Eustachian Catheter Specification First Revision		-	Indigenous
31	IS 5377 : 1969 Reviewed In : 2023	Speculum, Nasal, Thudichum's	February, 2023	1	Indigenous
32	IS 5412 : 1969 Reviewed In : 2023	Saws, Nasal, Joseph's Pattern	February, 2023	1	Indigenous
33	IS 5720 : 2024	Mollison's Pattern Self-Retaining Mastoid Retractor Specification (First Revision)		-	Indigenous
34	IS 5723 : 2024	Mallet with Fluted/Milled Handle for ENT Surgery - Specification (First Revision)		-	Indigenous
35	IS 5723 : 1970 Reviewed In : 2023	Specification for mallet with fluted handle for ENT surgery	February, 2023	2	Indigenous
36	IS 5747 : 1970	SPECIFICATION FOR	February, 2023	1	Indigenous

	Reviewed In : 2023	RETRACTOR, ENDAURAL (LEMPERT'S PATTERN)			
37	IS 5747 : 2024	Lempert's Pattern Endaural Retractor - Specification (First Revision)		-	Indigenous
38	IS 6464 : 2000 Reviewed In : 2023	ENT Diagnostic Instruments - Tuning Forks (Gardiner Brown's Pattern)	February, 2023	-	Indigenous
39	IS 6465 : 1972 Reviewed In : 2023	Trocar, Antral, with Cannula (Tilley Lichtwitz' Pattern)	February, 2023	1	Indigenous
40	IS 6514 : 1972 Reviewed In : 2023	Nasal Cartilage Knife (Ballenger's Pattern)	February, 2023	1	Indigenous
41	IS 7710 : 1975 Reviewed In : 2023	Snare, Tonsil, Eve's Pattern	February, 2023	-	Indigenous
42	IS 7712 : 1975 Reviewed In : 2023	Curette, Adenoid, St. Clair Thomson's Pattern	February, 2023	-	Indigenous
43	IS 7713 : 1975 Reviewed In : 2023	Retractor, Light Model, Weislander's Pattern	February, 2023	-	Indigenous
44	IS 7756 : 1975 Reviewed In : 2023	Depressor, Tongue, Lack's Pattern	February, 2023	-	Indigenous
45	IS 8094 : 2024	Cawthornes Pattern Cerumen Hook Specification First Revision		-	Indigenous
46	IS 8128 : 2024	Farabeuf's Pattern Elevator Specification (First Revision)		-	Indigenous
47	IS 8129 : 2024	Forceps - Tonsil Artery, Curved (Scotts Pattern) - Specification (First Revision)		-	Indigenous
48	IS 8136 : 2024	Dundas Grant's Pattern Seeker Specification (First Revision)		-	Indigenous
49	IS 8157 : 2024	Heath's Pattern Granulation Forceps Specification (First Revision)		-	Indigenous
50	IS 8199 : 1976 Reviewed In : 2018	Specification for Tracheostomy Tubes, Fuller's Pattern	February, 2018	-	Indigenous
51	IS 8315 : 1977 Reviewed In : 2023	Forceps, Redressing, Asch's Pattern	February, 2023	-	Indigenous
52	IS 8316 : 1977 Reviewed In : 2021	Retractor, Hajek's Pattern	January, 2021	-	Indigenous
53	IS 8327 : 1977 Reviewed In : 2021	Forceps, Nodule, Vocal, Chevalier Jackson's Pattern	January, 2021	-	Indigenous
54	IS 8343 : 1977 Reviewed In : 2021	Forceps, Biopsy, Peterson's Pattern	January, 2021	1	Indigenous
55	IS 8734 : 1978 Reviewed In : 2021	Forceps, Cutting and Removing Large Specimens, Chevalier Jackson's Pattern	January, 2021	-	Indigenous
56	IS 8735 : 1978 Reviewed In : 2021	Tube, Suction, Yankauer's Pattern	January, 2021	-	Indigenous
57	IS 8743 : 1994 Reviewed In : 2021	ENT surgery instruments - Forceps, direct bronchoscopy, with alligator jaws and tenaculum points, Irwin Moore's pattern	January, 2021	-	Indigenous
58	IS 8825 : 1978 Reviewed In : 2021	Specification for cannula, suction irrigation with locking device, microlaryngeal	January, 2021	-	Indigenous
59	IS 8837 : 1978 Reviewed In : 2021	Specification for suction tubes with stylet microlaryngeal surgery	January, 2021	-	Indigenous
60	IS 8838 : 1978 Reviewed In : 2021	Specification for forceps, cup, straight, microlaryngeal surgery	January, 2021	-	Indigenous
61	IS 8839 : 1978	Specification for forceps,cup	January, 2021	-	Indigenous

	Reviewed In : 2021	upwards, microlaryngeal surgery			
62	IS 8840 : 1978 Reviewed In : 2021	Specification for scissors, microlaryngeal surgery	January, 2021	-	Indigenous
63	IS 9058 : 2024	Zoellner's Pattern Upward Cutting Knife Specification - (First Revision)		-	Indigenous
64	IS 9059 : 2024	Zoellner's Pattern Downward Cutting Knife Specification (First Revision)		-	Indigenous
65	IS 9479 : 2024	Shea's Pattern 25, 45, and 90 Angle Fenestra Hook for Ear Surgery - Specification (First Revision)		-	Indigenous
66	IS 9480 : 2024	Shea's Pattern Left and Right Elevators For Ear Surgery - Specification (First Revision)		-	Indigenous
67	IS 9526 : 2024	Crocodile Jaw Stapedectomy Scissors - Specification (First Revision)		-	Indigenous
68	IS 9544 : 2024	Round Cup, Elongated Cup and Oval Cup Jaws Stapedectomy Forceps - Specification (First Revision)		-	Indigenous
69	IS 9558 : 1980 Reviewed In : 2023	Specification for gauge, depth, ptfe (Teflon) piston	February, 2023	-	Indigenous
70	IS 9564 : 2024	Serrated, Smooth and Mc Gee Wire Closing Jaws Stapedectomy Forceps - Specification (First Revision)		-	Indigenous
71	IS 9718 : 1981 Reviewed In : 2023	Specification for jig, cutting, ptfe piston	February, 2023	-	Indigenous

Standards under Development

Projects Approved

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

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	MHD 4 (26136)	Ossicular Reconstruction Prosthesis- General Requirements
2	MHD 4 (26141)	Computer-Assisted Surgical Systems Surgical ENT Navigation System General and Safety Requirements
3	MHD 4 (26919)	Audiometric Test Room Specification

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	MHD 4 (26669) Revision of: IS 8327:1977	Chevalier Jacksons Pattern Vocal Nodule Forceps Specification First Revision
2	MHD 4 (26670) Revision of: IS 8316:1977	ENT Surgery Instruments Retractor Hajek s Pattern Specification First Revision
3	MHD 4 (26674) Revision of: IS 8734:1978	Ent Surgery Instruments Removing and Cutting Forceps Chevalier Jackson s Pattern Specification First Revision
4	MHD 4 (26675) Revision of: IS 8735:1978	ENT Surgery Instruments Suction Tube Yankauer 39 s pattern Specification First Revision
5	MHD 4 (26681) Revision	Ent Surgery Instruments Biopsy Forceps Petersons Pattern Specification First Revision

	of: IS 8343:1977	
6	MHD 4 (26683) Revision of: IS 8743:1994	ENT Surgery Instruments Direct Bronchoscopy Forceps Irwin Moore 39 s Pattern Specification Second Revision
7	MHD 4 (26684) Revision of: IS 8825:1978	ENT Surgery Instruments Suction Irrigation Cannula Specification First Revision
8	MHD 4 (26685) Revision of: IS 8837:1978	ENT Surgery Instruments Suction Tube with Stylet Specification First Revision
9	MHD 4 (26686) Revision of: IS 8838:1978	ENT Surgery Instruments Straight Cup Forceps Specification First Revision
10	MHD 4 (26687) Revision of: IS 8839:1978	ENT Surgery Instruments Upwards Cup Forceps Specification First Revision
11	MHD 4 (26688) Revision of: IS 8840:1978	ENT Surgery Instruments Scissors Specification First Revision

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	MHD 4 (25256)	ENT Workstation
2	MHD 4 (25258)	Otology Drill

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	MHD 4 (21659) Revision of: IS 9718:1981	PTFE Piston Cutting Jig Specification First Revision
2	MHD 4 (21743) Revision of: IS 6464:2000	Gardiner Brown s Pattern Tuning Forks Specification Second Revision
3	MHD 4 (21830) Revision of: IS 9558:1980	PTFE Teflon Piston Depth Gauge Specification First Revision
4	MHD 4 (25494) Revision of: IS 7713:1975	ENT Surgery Instruments Retractor Weislander s Pattern Specification First Revision
5	MHD 4 (25922) Revision of: IS 5412:1969	ENT Surgery Instruments Nasal Saws Joseph 39 s pattern specification First Revision
6	MHD 4 (25923) Revision of: IS 4994:1968	ENT Surgery Instruments Redressing Forceps Walsham 39 s pattern Specification First Revision
7	MHD 4 (25925) Revision of: IS 5377:1969	ENT Surgery Instruments Nasal Speculum Thudichum 39 s Pattern Specification First Revision
8	MHD 4 (25927) Revision of: IS 8093:1976	ENT Surgery Instruments Curette Ballance s Pattern Specification First Revision
9	MHD 4 (25929) Revision of: IS 8315:1977	ENT Surgery Instruments Redressing Forceps Asch s Pattern Specification First Revision
10	MHD 4 (25933) Revision of: IS 6465:1972	ENT Surgery Instruments Antral Trocar with Cannula Tilley Lichtwitz 39 s Pattern Specification First Revision
11	MHD 4 (25934) Revision of: IS 6514:1972	ENT Surgery Instruments Nasal Cartilage Knife Ballenger 39 s Pattern Specification First Revision
12	MHD 4 (25938) Revision of: IS 7756:1975	ENT Surgery Instruments Tongue Depressor Lack s Pattern Specification First Revision
13	MHD 4 (25979) Revision of: IS 13169:1991	ENT Surgery Instruments Head Mirror Specification First Revision
14	MHD 4 (25980) Revision of: IS 10272:1982	ENT Surgery Instruments Draffin Suspension Apparatus Specification First Revision
15	MHD 4 (25984) Revision of: IS 10308:1982	ENT Surgery Instruments Tracheostomy Tubes and Guides Cubleys Pattern Specification First Revision
		ENT Surgery Instruments Tracheostomy Tubes Chevaliar Jackson s Pattern Specification First

16	MHD 4 (25987) Revision of: IS 13179:1991	Revision
17	MHD 4 (26089) Revision of: IS 7710:1975	ENT Surgery Instruments Tonsil Snare Eye 39 s Pattern Specification First Revision
18	MHD 4 (26103) Revision of: IS 7712:1975	ENT Surgery Instruments Adenoid Curette St Clair Thomson s Pattern Specification First Revision

Total Published Standards:66 Total Standards Under development:34

Aspect Wise Report

Product : 68
Code of Practices : 0
Methods of Test : 0
Terminology : 0
Dimensions : 0
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 12901 : 1990 Reviewed In : 2022	ENT surgery instruments - Laryngeal fine grasping forceps crocodile jaws straight - Specification
2	IS 12911 : 1990 Reviewed In : 2022	ENT surgery instruments - Laryngeal forceps oval cup - Specification
3	IS 5140 : 1969 Reviewed In : 2018	Specification for auriscope
4	IS 5147 : 1969 Reviewed In : 2023	SPECIFICATION FOR EXAMINATION LAMP WITH BULL 39 S EYE CONDENSER FLOOR MODEL
5	IS 5357 : 1969 Reviewed In : 2013	Metallic Ear Syringe
6	IS 5732 : 1970 Reviewed In : 2023	Gouge Mastoid Jenkins Pattern
7	IS 6463 : 1972 Reviewed In : 2023	Burs Antrum Tilley s Pattern
8	IS 6469 : 1972 Reviewed In : 2013	Harpoon Trocar Tilley s Pattern
9	IS 6470 : 1972 Reviewed In : 2013	Politzerization Apparatus Pritchard s pattern
10	IS 7007 : 1973 Reviewed In : 2022	Specification for E E N T Eye Ear Nose And Throat diagnostic set
11	IS 7282 : 1975 Reviewed In : 2023	Chisel Labyrinth Straight Lake s Pattern
12	IS 7711 : 1975 Reviewed In : 2023	Curette Adenoid Beckmann s Pattern
13	IS 8093 : 1976 Reviewed In : 2023	Curette Ballance s pattern
14	IS 8158 : 1976	Needle Eye Bowmans Pattern
15	IS 8191 : 1976 Reviewed In : 2023	Retractor Pillar Anterior and Tonsil Enucleator Mollison s Pattern
16	IS 8344 : 1977 Reviewed In : 2021	Snare Aural Glegg s Pattern
17	IS 9014 : 1979	Specification for Raspatory fine curved right Zoellner 39 s Pattern

	Reviewed In : 2021	
18	IS 9015 : 1979 Reviewed In : 2021	Raspatory Fine Curved Left Zoellner s Pattern
19	IS 9016 : 1979 Reviewed In : 2021	Needle Fine Spear Pointed Curved Right Zoellner s Pattern
20	IS 9017 : 1979 Reviewed In : 2021	Needle Fine Spear Pointed Curved Left Zoellner s Pattern
21	IS 9060 : 1979 Reviewed In : 2021	Hook Small Zoellner s Pattern

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10272 : 1982 Reviewed In : 2022	Specification for draffin suspension apparatus
2	IS 10308 : 1982 Reviewed In : 2022	Tracheostomy Tubes and Guides Cubley s Pattern
3	IS 10344 : 2024	Davis-Boyle Gag Frame and Tongue Plates Specification First Revision
4	IS 10725 : 2024	Myringotomy Knife Specification First Revision
5	IS 10726 : 2024	Meatal Skin Incision Knife Specification First Revision
6	IS 10786 : 2024	St Clair Thomsons Rhinoscopic Mirror Specification First Revision
7	IS 10846 : 2024	Killian 39 s Pattern Nasal Speculum - Specification First Revision
8	IS 11318 : 1985 Reviewed In : 2022	Bronchoscope Aspirating Negus Pattern
9	IS 11319 : 1985 Reviewed In : 2022	Oesophagoscope Negus Pattern
10	IS 12901 (Part 1) : 2024	Laryngeal Forceps Part 1 Fine Grasping Crocodile Jaws Straight Specification First Revision
11	IS 12901 (Part 2) : 2024	Laryngeal Forceps Part 2 Oval Cup Specification First Revision
12	IS 13169 : 1991 Reviewed In : 2022	Ent surgery instruments head mirror - Specification
13	IS 13179 : 1991 Reviewed In : 2022	Ent Surgery Instruments - Tracheostomy Tubes Chevaliar Jackson s Pattern
14	IS 17407 : 2020	Digital Otoscope Handheld Type
15	IS 17750 (Part 7) : 2021 ISO 14708-7:2019	Implants for surgery Active implantable medical devices Part 7 Particular requirements for cochlear and auditory brainstem Implant Systems First Revision
16	IS 3758 : 2018 Reviewed In : 2023	Hooks aural - Specification First Revision
17	IS 3760 : 2021	Probe Aural Jobson Horne s Pattern Specification First Revision of IS 3760
18	IS 3788 : 2024	Aural Specula Specification First Revision
19	IS 3799 : 2019 Reviewed In : 2023	Forceps aural and nasal crocodile action - Specification First Revision
20	IS 3807 : 2024	Aural and Nasal Dressing Forceps Specification Second Revision
21	IS 4487 : 2024	ENT Surgery Instruments - Forceps Tonsil Artery Birketts Pattern - Specification Second Revision

22	IS 4488 : 2018 Reviewed In : 2023	Forceps Tonsil Holding Muck 39 s and White 39 s Patterns Specification First Revision
23	IS 4489 : 2018 Reviewed In : 2023	Forceps Nasal Turbinate Luc s Specification First Revision
24	IS 4504 : 2018 Reviewed In : 2023	Forceps peritonsillar - Specification First Revision
25	IS 4514 : 2018 Reviewed In : 2023	Forceps Tonsil Dissecting Waugh 39 s Pattern - Specification First Revision
26	IS 4520 : 2018 Reviewed In : 2023	Forceps Punch Nasal Citelli 39 s Antrum and Hajek 39 s Sphenoidal Specification First Revision
27	IS 4959 : 2018 Reviewed In : 2023	Raspatory Nasal Howarth 39 s Specification First Revision
28	IS 4994 : 1968 Reviewed In : 2023	Specification for Forceps Redressing Walsham 39 s Right Left and Straightening
29	IS 5338 : 2024	Eustachian Catheter Specification First Revision
30	IS 5377 : 1969 Reviewed In : 2023	Speculum Nasal Thudichum s
31	IS 5412 : 1969 Reviewed In : 2023	Saws Nasal Joseph s Pattern
32	IS 5720 : 2024	Mollison 39 s Pattern Self-Retaining Mastoid Retractor Specification First Revision
33	IS 5723 : 2024	Mallet with Fluted Milled Handle for ENT Surgery - Specification First Revision
34	IS 5747 : 2024	Lempert 39 s Pattern Endaural Retractor - Specification First Revision
35	IS 6464 : 2000 Reviewed In : 2023	ENT Diagnostic Instruments - Tuning Forks Gardiner Brown s Pattern
36	IS 6465 : 1972 Reviewed In : 2023	Trocar Antral with Cannula Tilley Lichtwitz Pattern
37	IS 6514 : 1972 Reviewed In : 2023	Nasal Cartilage Knife Ballenger s Pattern
38	IS 7710 : 1975 Reviewed In : 2023	Snare Tonsil Eve s Pattern
39	IS 7712 : 1975 Reviewed In : 2023	Curette Adenoid St Clair Thomson s Pattern
40	IS 7713 : 1975 Reviewed In : 2023	Retractor Light Model Weislander s Pattern
41	IS 7756 : 1975 Reviewed In : 2023	Depressor Tongue Lack s Pattern
42	IS 8094 : 2024	Cawthornes Pattern Cerumen Hook Specification First Revision
43	IS 8128 : 2024	Farabeuf 39 s Pattern Elevator Specification First Revision
44	IS 8129 : 2024	Forceps - Tonsil Artery Curved Scotts Pattern - Specification First Revision
45	IS 8136 : 2024	Dundas Grant 39 s Pattern Seeker Specification First Revision
46	IS 8157 : 2024	Heath 39 s Pattern Granulation Forceps Specification First Revision
47	IS 8199 : 1976 Reviewed In : 2018	Specification for Tracheostomy Tubes Fuller 39 s Pattern
48	IS 8315 : 1977	Forceps Redressing Asch s Pattern

	Reviewed In : 2023	
49	IS 8316 : 1977 Reviewed In : 2021	Retractor Hajek s Pattern
50	IS 8327 : 1977 Reviewed In : 2021	Forceps Nodule Vocal Chevalier Jackson s Pattern
51	IS 8343 : 1977 Reviewed In : 2021	Forceps Biopsy Peterson s Pattern
52	IS 8734 : 1978 Reviewed In : 2021	Forceps Cutting and Removing Large Specimens Chevalier Jackson s Pattern
53	IS 8735 : 1978 Reviewed In : 2021	Tube Suction Yankauer s Pattern
54	IS 8743 : 1994 Reviewed In : 2021	ENT surgery instruments - Forceps direct bronchoscopy with alligator jaws and tenaculum points Irwin Moore s pattern
55	IS 8825 : 1978 Reviewed In : 2021	Specification for cannula suction irrigation with locking device microlaryngeal
56	IS 8837 : 1978 Reviewed In : 2021	Specification for suction tubes with stylet microlaryngeal surgery
57	IS 8838 : 1978 Reviewed In : 2021	Specification for forceps cup straight microlaryngeal surgery
58	IS 8839 : 1978 Reviewed In : 2021	Specification for forceps cup upwards microlaryngeal surgery
59	IS 8840 : 1978 Reviewed In : 2021	Specification for scissors microlaryngeal surgery
60	IS 9058 : 2024	Zoellner 39 s Pattern Upward Cutting Knife Specification - First Revision
61	IS 9059 : 2024	Zoellner 39 s Pattern Downward Cutting Knife Specification First Revision
62	IS 9479 : 2024	Shea 39 s Pattern 25 45 and 90 Angle Fenestra Hook for Ear Surgery - Specification First Revision
63	IS 9480 : 2024	Shea 39 s Pattern Left and Right Elevators For Ear Surgery - Specification First Revision
64	IS 9526 : 2024	Crocodile Jaw Stapedectomy Scissors - Specification First Revision
65	IS 9544 : 2024	Round Cup Elongated Cup and Oval Cup Jaws Stapedectomy Forceps - Specification First Revision
66	IS 9558 : 1980 Reviewed In : 2023	Specification for gauge depth ptfе Teflon piston
67	IS 9564 : 2024	Serrated Smooth and Mc Gee Wire Closing Jaws Stapedectomy Forceps - Specification First Revision
68	IS 9718 : 1981 Reviewed In : 2023	Specification for jig cutting ptfе piston