

Swiss Quality and Reliability

# ORTHODONTIC INSTRUMENTS



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# HOME OF THE SWISS ARMY KNIFE



Swiss Dental Specialties is found at the base of the Mythen Mountains in central Switzerland. We are located in the same valley as the worlds most famous Swiss army knife manufacturer.

**Swiss Dental Specialties stands for  
Swiss quality and reliability.**

The company was incorporated in 2003, and from here we supply orthodontists with quality products and service.

All of our products are made from German Surgical Stainless Steel with a satin finish.

Most of our instruments are manufactured with a box joint and our cutters are marked with the minimum and maximum wire capacities.

Swiss Dental Specialties offers repair and refurbishing of all their instruments. All standard instruments have a 2 year warranty and a 5 year warranty for hard insert instruments, against manufacturer defects. For our warranty and repair policy, please refer to our website: [www.swissdentalspecialties.ch](http://www.swissdentalspecialties.ch).


# CUTTERS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0510TC		SD Distal Flush Cutter with Safety hold and TC inserts	13 cm or 5.11"	.016" (0.40 mm) – .021" x .025" (0.53 x 0.64 mm)	SD Distal Flush Cutter with Safety hold and TC inserts
SD 1000R		SD Fine Pin and Ligature Cutter	13 cm or 5.11"	.012" (0.30 mm)	Pin and Ligature Cutter for soft wire
SD 1002TC		SD Standard Ligature Cutter with TC	12.5 cm or 4.92"	.016" (0.40 mm)	Easy access ligature cutter for soft wire. TC inserts to ensure precision cutting


# CUTTERS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 1003 R		SD Micro Ligature Cutter	12 cm or 4.72 "	.012" (0.30 mm)	Micro ligature cutter with Remanite inserts and slim tips
SD 1016TC		SD Distal End Cutter 13 cm	13 cm or 5.11 "	.021" x .025" / (0.53 x 0.64 mm)	Distal end cutter with TC inserts and compact head
SD 1017TC		SD Distal End Cutter Long Handle	15 cm or 5.90 "	.021" x .025" / (0.53 x 0.64 mm)	Same features as SD 1016TC but with long handles

# CUTTERS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 1101TCG		SD Hard Wire Cutter with TC	12.5 cm or 4.92"	.028" (0.70 mm)	Designed to cut all sizes and types of archwires up to .028". TC inserts to ensure precision cutting
SD 1200TCG		SD Hard Wire Cutter, Angled with TC	12.5 cm or 4.92"	.028" (0.70 mm)	Same features as SD 1101TCG but designed with a 15° angle for easy intraoral access
SD 7001TC		Hard wire cutter new in TC	15 cm or 5.90"	.040" (1.00 mm)	Hard wire cutter with TC tips

# CUTTERS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 7005		SD Heavy Duty Cutter	17 cm or 6.70"	.060" (1.50 mm)	This heavy duty cutter cuts wire / facebows with ease

# UTILITY INSTRUMENTS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0158 R		SD Weingart Plier with Remanite	14 cm or 5 ½"	.020" (0.50 mm)	Weingart plier for safe and easy insertion or removal of all arches

# UTILITY INSTRUMENTS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0145		SD Elastic Separating Plier	15.5 cm or 6.10"		Facilitates easier placement of elastic separators in confined areas
SD 0164TC		SD Mathieu Ligature Plier	14 cm or 5 1/2"		Mathieu Needle Holder with TC insert. Sturdy rounded tips designed for twisting ligature wire
SD 0327		SD Cinch Back	15.5 cm or 6.10"	NiTi max 0.018" (0.45 mm)	Helps with quick and easy bending of NiTi archwires




# UTILITY INSTRUMENTS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0344		SD Bracket Remover, Angled	13.5 cm or 5.31"		Bracket remover, angled
SD 0346		SD Bracket Remover, Straight	13.5 cm or 5.31"		Bracket remover, straight
SD 0347		SD Band Remover	14 cm or 5 1/2"		Posterior band remover

# UTILITY INSTRUMENTS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0348		SD Band Remover, Long Arm	14 cm or 5 1/2"		Posterior band remover, long arm

# WIRE BENDING PLIERS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0139TC		SD 139 Plier	12.5 cm or 4.92"	.028" (0.70 mm)	Universal instrument for bending wire

# WIRE BENDING PLIERS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0200		SD 3 Jaw	12.5 cm or 4.92"	.028" (0.70 mm)	Small tipped 3 jaw plier. To assist in bending of orthodontic appliances and wires
SD 0201		SD 3 Jaw long nose	12.8 cm or 5.03"		Long nose plier for accurate wire and clasp adjusting and contouring
SD 0350		SD Loop Forming, Tweed	14 cm or 5 1/2"		Precision instrument for making Omega and Closing loops



# WIRE BENDING PLIERS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0410		SD Lingual Arch Forming	12.5 cm or 4.92 "		Lingual arch forming plier. Ideal for forming back bends in lingual arches and insertions into lingual sheaths
SD 0810		SD Arch Forming			Arch forming plier for torquing and bending wires
SD 8100R		SD Arch Forming, Short	12.5 cm or 4.92 "		Arch forming plier, short which provides efficient handling of square and rectangular wire



# HAND INSTRUMENTS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0001		SD Band Seater	14 cm or 5 ½"		Molar Band Seater with stainless steel serrated tip
SD 0037		SD Mosquito Forceps Straight	12.5 cm or 4.92"		Straight Mosquito Forceps for placing elastomeric ligatures
SD 0064TC		SD Mathieu Ligature Plier	14 cm or 5 ½"		Mathieu Needle Holder with TC insert. Sturdy rounded tips designed for twisting ligature wire

# HAND INSTRUMENTS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0065		SD Mathieu Fine Tip Needle Holder	12.5 cm or 4.92 "		Fine tip Mathieu needle holder with ratchet lock handle
SD 2104		Ligature Director	17 cm or 6.70 "		To guide the elastic or wire ligature tie around the bracket, and to tuck the twisted and cut ligature tie under the arch wire
SD 2222		SD Buccal Tube Bonder	13 cm or 5.11 "		Buccal tube bonder tweezers

# HAND INSTRUMENTS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 6400TC		SD Adams Plier with TC	14 cm or 5 1/2"		Adams instrument for bending wire
SD 8015		SD Smaha Slim Forceps	14 cm or 5 1/2"		Slim Smaha Ligature Forceps

# MISCELLANEOUS




ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD TIPS		SD Replacement Tips			Replacement tips for SD 0348 and SD 0347
SD 0023		SD Angled Scissor	12 cm or 4.72"		Scissor for Cutting Wire and Tape, one blade serrated
SD 0024		SD Straight Scissor	11 cm or 4 3/8"		Stainless Steel scissor with powerful beaks. Ideal for cutting thin stainless steel tape



# MISCELLANEOUS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 0025		SD Curved Scissor	11 cm or 4 <sup>3</sup> / <sub>8</sub> "		Curved scissor with powerful stainless steel beaks. Ideal for cutting thin stainless steel tape
SD 1005		SD Bracket Placement Tweezer	12.5 cm or 4.92 "		Instrument for placing brackets
SD 1879		SD Height Gage .018	13 cm or 5.11 "		Height gage for positioning of .018 brackets

# MISCELLANEOUS

ORDER NUMBER		DESCRIPTION	LENGTH	MIN. / MAX. STRENGTH	DETAILS
SD 2279		SD Height Gage .022	13 cm or 5.11 "		Height gage for positioning of .022 brackets
SD 61700		SD Vernier Gauge	13 cm or 5.11 "		Vernier Gauge Caliper for inside and outside measurements „ZRH“
SD STAND		Instrument Stand			Swiss Dental Instrument stand for holding instruments

## INSTRUMENT CARE

Recommended washing, handling and sterilization instructions for Swiss Dental Specialties Instruments

Instruments are supplied non sterile. They must be cleaned, lubricated and sterilized before use according to the national current regulations. The following instructions are given as a basic guideline but do not replace national regulations!

1. Remove all packaging prior to cleaning and sterilization.
2. Alkaline and acidic detergents can cause damage to the instruments.
3. Always use a pH neutral detergent.
4. Do not exceed 140° C.
5. Clean instruments immediately if they have been in contact with blood, tissue, physiological saline or other foreign substances. This can be done by rinsing the instrument with warm water before the substance dries. Thereafter dip in a cleaning and disinfecting solution.

## CLEANING INSTRUCTIONS

Remove any excess oil with soft cloth or disposable paper towel.

### **For hand cleaning:**

Use a neutral cleaning agent and make sure the Instrument is cleaned on all surfaces and joints. Use a soft (nylon) brush and warm cleaning solutions. Rinse for several minutes under clean running water. Dry the instrument using a soft cloth or paper towel.

### **Sterilization:**

1. Clean instruments thoroughly before placing in the (vacuum) auto-clave.
2. Movable parts such as locks and hinges should be thoroughly lubricated.
3. Do not use industrial oils.
4. Always sterilize instruments in their open position and do not stack instruments.
5. If possible wrap the instrument in a cloth free of detergent residue, or lay the instrument on the cloth at the bottom of the container in order to absorb humidity.
6. Leave the instrument to cool down freely to room temperature, before use.
7. Follow instruction given by the manufacturer as to vapor autoclave operation and loading.
8. Vapor must have access to all instrument surfaces (including inner), channels and cables.
9. Always store instruments properly lubricated.

## WARRANTY & REPAIR

Misuse, abuse or failure to maintain or care for your Swiss Dental Specialties instruments in a properly manner will void warranty claims. It will be our responsibility and to our discretion to repair, replace or credit the instrument in the event of any claimed defects. Observance to the above procedures will ensure optimal use of your instruments performance.

Warranty does not cover routine maintenance, sharpening or reconditioning of your instrument.

Warranty claims or service request should be forwarded to your Swiss Dental Specialties instrument supplier.

Swiss Dental Specialties grants a 2 year warranty on their standard instruments and a 5 year warranty for hard-insert instruments. Swiss Dental Specialties shall not be liable for incidental or deliberate damages of any kind caused by its instruments, including those, which have been modified or somehow improved by the user without our consent.

**Please go to our website  
[www.swissdentalspecialties.ch](http://www.swissdentalspecialties.ch) for  
our full care and warranty program.**



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