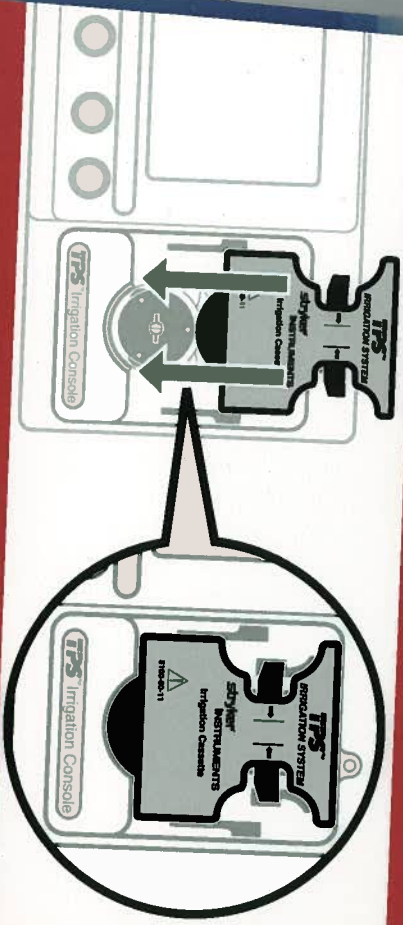


Console with Irrigation System

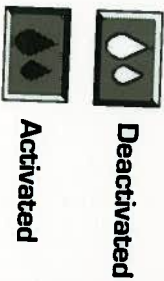
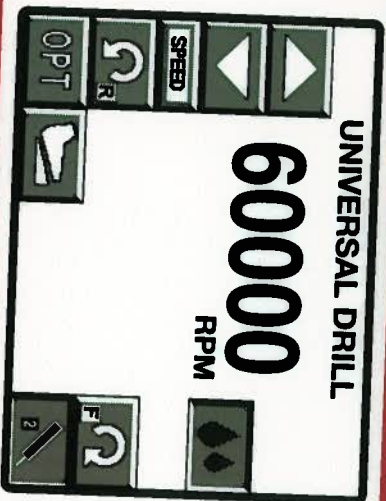


Insure Irrigation Cassette is fully inserted over the roller. Push down firmly. *Two audible clicks* will indicate that both latches are fully engaged.

(Irrigation)

Assembly

Irrigation Button



Insure Irrigation icon is activated. The water drops on the Irrigations icon will turn black when activated and turn white when deactivated.

WARNING:
To avoid hazard, keep fingers away from roller mechanism. Always reinstall the pump cover when the irrigation cassette is removed.

CAUTION:
Activating irrigation while both valves are closed may damage tubing.

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

Error Messages

Maintenance/ Sterilization

Cutting Accessories

Notes

Handpiece Screen

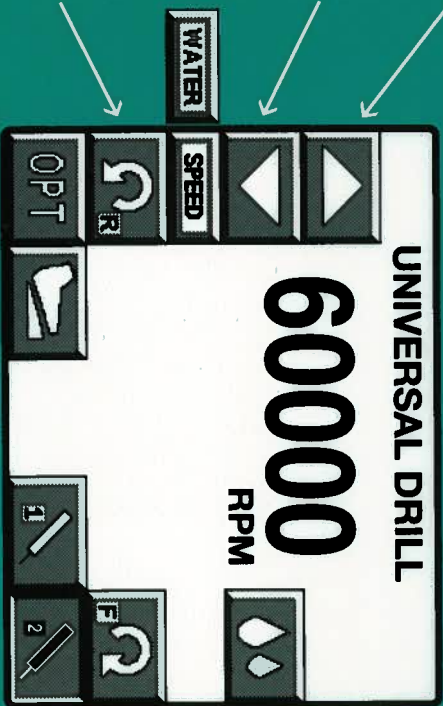
INCREASE: Used to adjust speed and irrigation levels up.

DECREASE: Used to adjust speed and irrigation levels down.

SPEED/WATER: The speed icon functions as a toggle switch for speed and water settings.

REVERSE (counterclockwise)

OPTIONS: Gives access to handpiece adjustments, systems information, console controls and user preference. *(See next page.)*



IRRIGATION: Activates or deactivates handpiece irrigation.



FORWARD (clockwise)

The handpiece graphic highlights and the icon appears depressed when selected.

The handpiece graphic appears when a handpiece is attached to the corresponding cord.

FOOTSWITCH INDICATOR: Appears when a footswitch is connected to the console. Also gives access to footswitch adjustments screen. *(See footswitch option page.)*

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

Error Messages

Maintenance/ Sterilization

Cutting Accessories

Notes

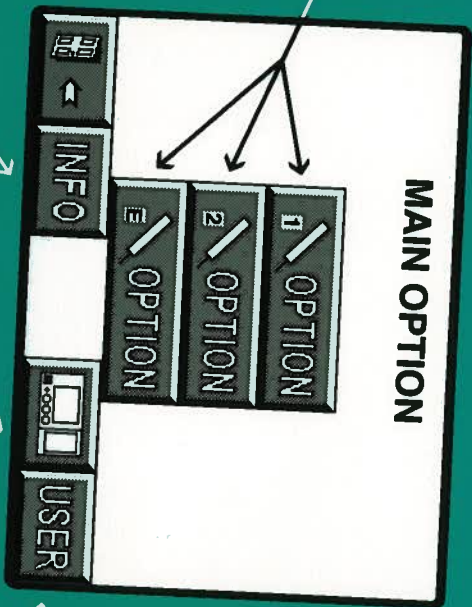
Screen options

HANDPIECE OPTION: Options 1, 2 and E icons appear only when handpieces are plugged into the corresponding console ports. A handpiece must be plugged in to program its settings.

To go to the **HANDPIECE ADJUSTMENT** screen, touch the option button that corresponds to the desired handpiece. *(See next page.)*

EXIT: Return to Handpiece screen.

Main Option Screen



Information: Displays system information screen.

CONSOLE: Gives access to console adjustment screen.

USER: Allows access to the surgeon preference screen.

Handpiece Adjustment Screen

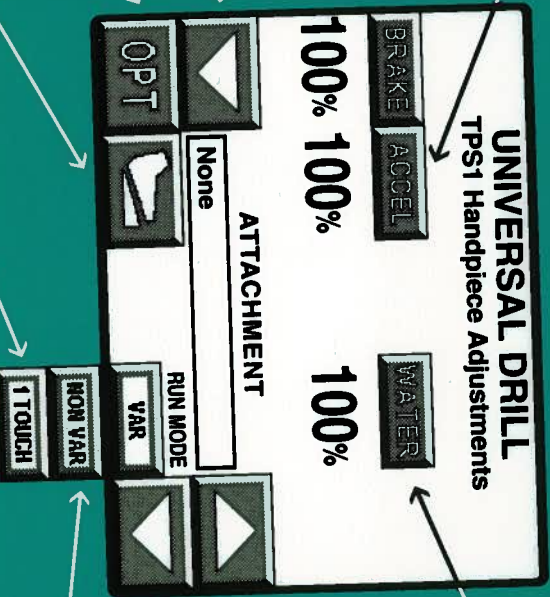
ACCELERATION: At 100%, the handpiece speed accelerates quickly. Acceleration slows as the setting approaches zero.

BRAKE: At 100%, the handpiece stops abruptly. Deceleration slows as the setting nears zero.

ATTACHMENT: Use to scroll through the list of attachments. Display the attachment that is assembled to the handpiece by stopping on it.

OPTIONS: Gives access to handpiece adjustments, systems information, console controls and user preference.

FOOTSWITCH INDICATOR: Appears when a footswitch is connected to the console. Also gives access to footswitch adjustments screen. *(See next page.)*



WATER: At 100%, irrigation volume is greatest. Volume decreases as the setting approaches zero.

INCREASE: Used to adjust brake, acceleration and water levels up.

DECREASE: Used to adjust brake, acceleration and water levels down.

VARIABLE: Handpiece speed responds to the degree of pressure applied to the footswitch or handswitch.

NONVARIABLE: Handpiece speed runs at the maximum setting only. Varying pressure on the footswitch or handswitch does not vary the handpiece speed.

ONE TOUCH: Toggle the handpiece on and off with a single touch of a trigger device. The trigger device can be the footswitch, handswitch or handpiece trigger buttons.

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

Error Messages

Maintenance/ Sterilization

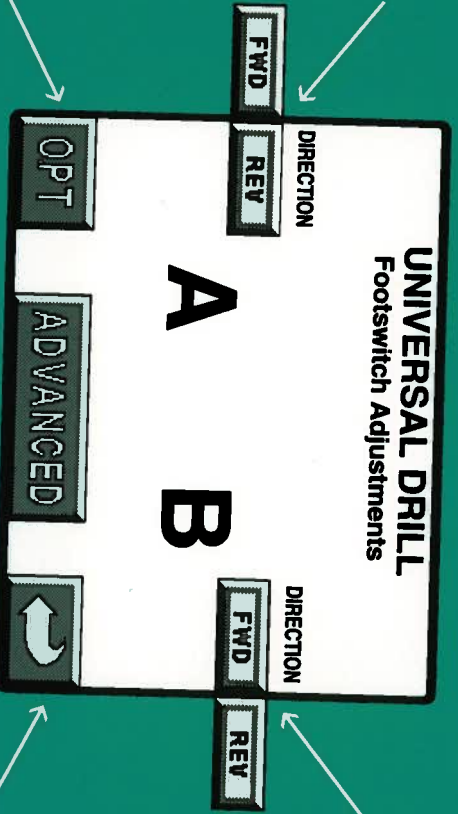
Cutting Accessories

Notes

Footswitch Adjustment Screen

Toggles the Handpiece direction when the corresponding footswitch is depressed.

Reverse = Counterclockwise
Forward = Clockwise



OPTIONS: Gives access to handpiece adjustments, systems information, console controls and user preference.

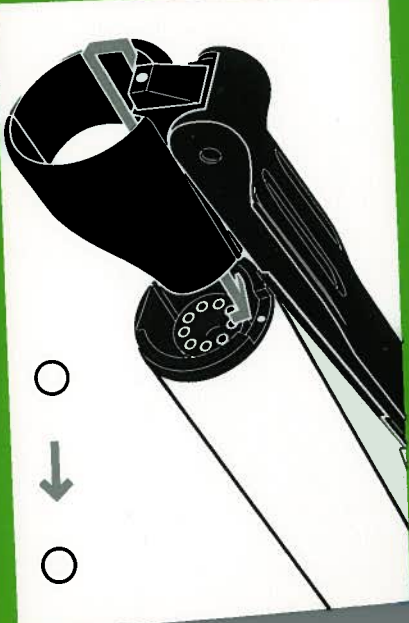
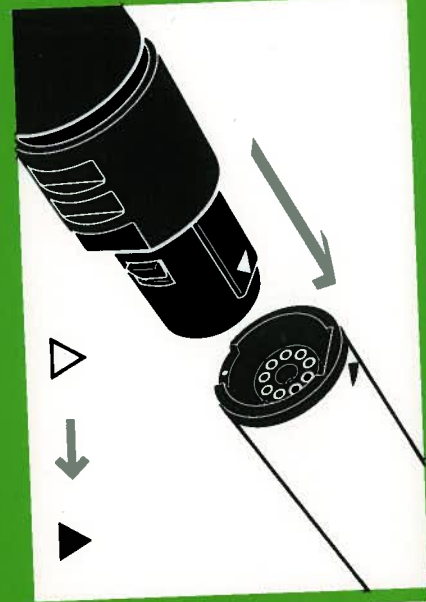
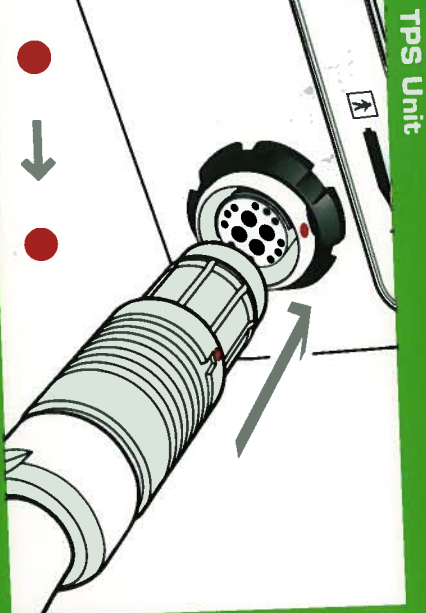
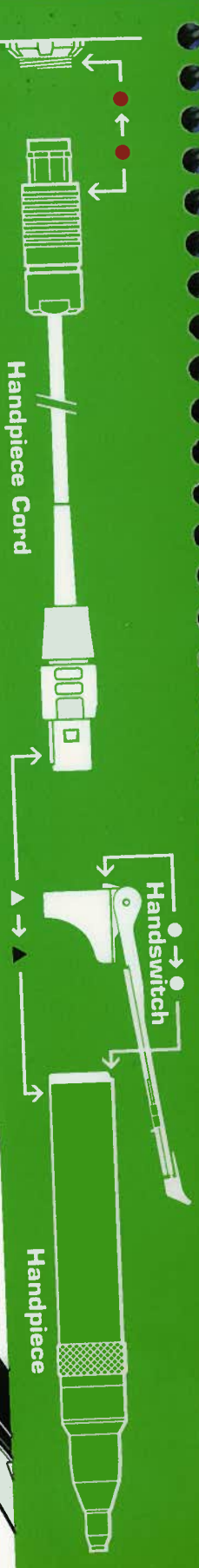
Toggles the Handpiece direction when the corresponding footswitch is depressed.

Reverse = Counterclockwise
Forward = Clockwise

ADVANCED:

Use to access the Footswitch Button Mapping screen. It will allow you to reprogram all the footswitch pedals, and set variable or nonvariable mode.

RETURN: Return to the previous screen.



Check the handpiece cord at the console. Make sure the red dots are properly aligned and the plug is completely inserted into the console.

Check the handpiece cord at the handpiece. Make sure the plug is completely inserted into the handpiece.

If using the Universal Handswitch check that the white dots are properly aligned and the handswitch is completely inserted. Notch should be fully engaged, flush with the back of the handpiece, and covering the white circle on the handpiece.

CAUTION:
All TPS Cords have push/pull connectors. Do not thread or twist for insertion or removal.

If Handpiece is still not detected please contact your Stryker representative.

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

Error Messages

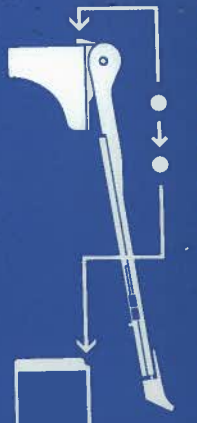
Maintenance/ Sterilization

Cutting Accessories

Notes

Screen options

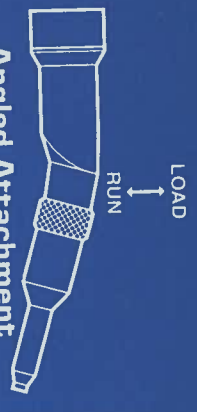




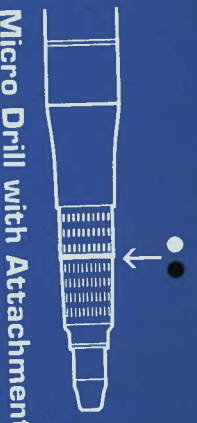
Handswitch



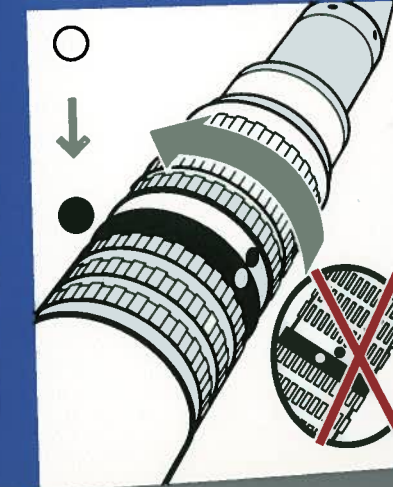
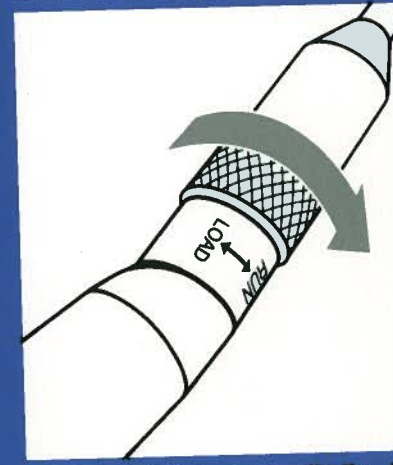
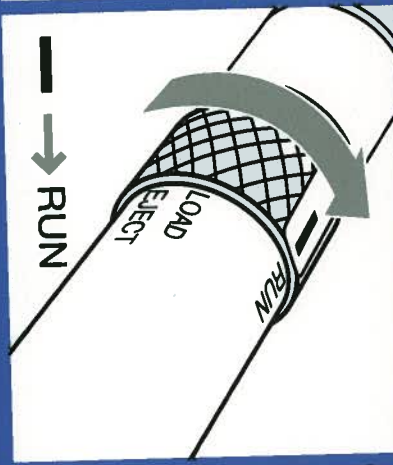
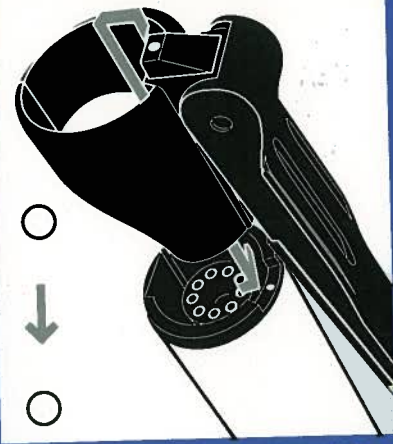
Universal/U2 Drill



Angled Attachment



Micro Drill with Attachment



If the Universal Handswitch is being utilized check that the white dots are properly aligned and the handswitch is completely inserted. Also, insure that the Safety switch is in the RUN position.

On the Universal/U2 Drill handpiece, make sure it is completely turned in the "RUN" position.

If an Angled Attachment is being utilized with the Universal/U2 Drill, make sure that it is completely turned to the "RUN" position.

When using the Micro Drill, make sure the Attachment is **completely** turned to the "RUN" position. "RUN" is indicated by aligning the White dot to the Black dot.

If Handpiece is still inoperable please contact your Stryker representative.

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

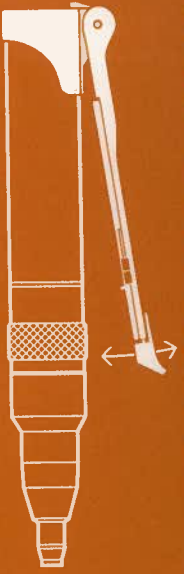
Low Power

Error Messages

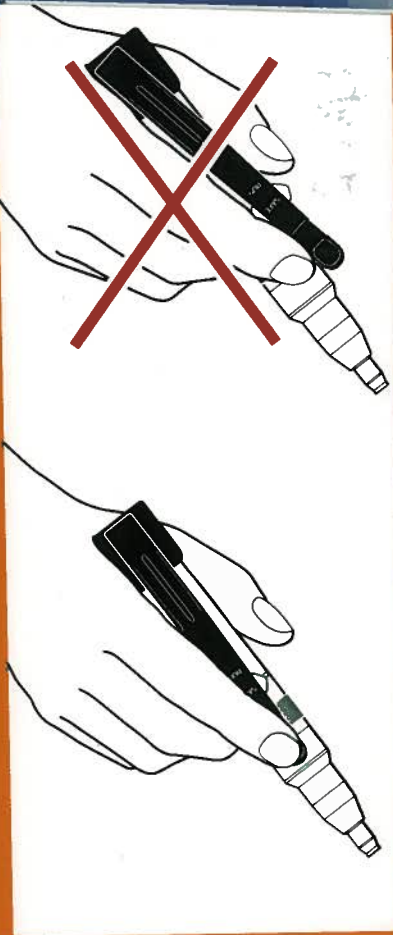
Maintenance/ Sterilization

Cutting Accessories

Notes



Proper use of Handswitch



If the Handswitch is pressed at an angle its full range of speed can not be utilized. Make sure your finger is centered over the end of the Handswitch, so

the pressure given to the Handswitch is straight up and down. The straight up and down pressure will give you full range of speed.



Proper use of Footswitch



Make sure your foot is centered over the pedal on the Footswitch, so the pressure given to the Footswitch is straight up and down. The straight up

and down pressure will give you full range of speed.



For further speed concerns consult manual or contact your Stryker representative.

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

Error Messages

Maintenance/ Sterilization

Cutting Accessories

Notes

Messages

	<p>Handpiece temperature has exceeded its nominal operating range and may cause burning.</p> <p>Handpiece temperature has exceeded its operating range.</p> <p>Allow to cool before restarting.</p> <p>Ensure handpiece speed does not exceed specified attachment limitations. Failure to do so may result in user and/or patient injury.</p>	<p>Action to Take:</p> <p>Allow Handpiece to cool then press OK to continue. If warning persists contact Stryker representative.</p> <p>Allow Handpiece to cool then press OK to continue. If warning persists contact Stryker representative.</p> <p>Press OK to continue. Adjust speed to attachment limits.</p>
Error 001.	Console hardware fault detected.	Return console to Stryker for repair.
Error 002.	Console hardware fault detected. Contact your Stryker service representative.	Turn the unit off and on again. If the problem persists, return console to Stryker for repair.
Error 003.	Console hardware fault detected. Contact your Stryker service representative.	Turn the unit off and on again. If the problem persists, return console to Stryker for repair.
Error 004.	Footswitch fault detected, right pedal will be disabled. Contact your Stryker service representative.	Unplug Footswitch from console and plug in again. If problem persists, return footswitch to Stryker for repair.
Error 005.	Footswitch fault detected, left pedal will be disabled. Contact your Stryker service representative.	Unplug Footswitch from console and plug in again. If problem persists, return footswitch to Stryker for repair.
Error 006.	Footswitch unreadable. Contact your Stryker service representative.	Unplug Footswitch from console and plug in again. If problem persists, return footswitch to Stryker for repair.
Error 007.	Handpiece fault detected, handpiece triggers will be disabled. Contact your Stryker service representative.	Unplug cord from handpiece and plug in again. If problem persists, return handpiece to Stryker for repair.
Error 008.	Handpiece unreadable. Contact your Stryker service representative.	Unplug handpiece from console and plug in again. If problem persists, return handpiece to Stryker for repair.
Error 009.	Handpiece requires additional console hardware. Contact your Stryker service representative.	Call your Stryker representative.
Error 010.	Handpiece requires additional console hardware. See manual, press OK to clear.	Call your Stryker representative.
Error 011.	Handpiece requires additional console hardware. Contact your Stryker service representative.	Call your Stryker representative.

Note: Record all Error # prior to contacting Stryker representative.

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

Error Messages

Maintenance/ Sterilization

Cutting Accessories

Notes

Sterilization



DO NOT IMMERSE

 CAUTION:

DO NOT immerse any TPS components or run through a washer / sterilizer.
DO NOT sterilize console or footswitch.

Flash: 10 min
Dry: 3-5 min

 WARNING:

Separate attachments, cutting accessories, handswitch and cords from handpieces prior to sterilization.

Use only the sterilization methods recommended. Other methods can damage handpieces and cause instruments to overheat resulting in injury to patient and / or O.R. staff.

Failure to follow recommended dry times can cause moisture to accumulate inside the handpieces that could result in overheating and may cause burn injury to patient and / or user.

See next page for more detailed sterilization options.

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

ERROR Messages

Maintenance/ Sterilization

Cutting Accessories

Notes



W-Burs

5100-10, 5100-100

Attachment / Accessories Prefix

"Q"	5100-10-20	510-10-xxx-xxx
	5100-10-22	510-10-xxx-xxx
"M"	5100-10-50	5120-xxx-xxx
	5100-10-52	5220-xxx-xxx
"AM"	5100-10-70	5130-xxx-xxx
	5100-10-72	5230-xxx-xxx
"R"	5100-10-80	5160-xxx-xxx

Perforator (Hudson Adapter) 5106-22-xxx
 5100-10-80 Codman
 5100-10-80 Acra-cut

Right Angle	1651-xxx-xxx
5100-10-11	1351-xxx-xxx
	296-17-xxx

Sagittal Saw 5100-134-xxx
 5100-10-34



Sagittal Saw Attachment 5100-134-xxx
 5100-10-34



Dura Guard

(old)

5100-10-12, 212
5100-10-16, 216
5100-10-25, 225

5100-10-12	5110-71-18
5100-10-212	

5100-10-16	5110-71-22
5100-10-216	

5100-10-25	5110-71-30
5100-10-225	



Dura Guard (new)

"D" 47	5120-71-47
5100-10-47	
5100-10-247	

"D" 48	5120-71-48
5100-10-48	
5100-10-248	

"D" 49	5120-71-49
5100-10-49	
5100-10-249	



Micro Burs

5100-15

Attachment / Accessories Prefix

4:1	277-10-xxx
5100-15-43	1607-2-xxx
	1608-2-xxx
	1608-6-xxx
	5300-10-xxx

Straight	277-10-xxx
5100-15-40	1607-2-xxx
	1608-2-xxx
	1608-6-xxx
	5300-10-xxx

Angled	277-10-xxx
5100-15-42	1607-2-xxx
	1608-2-xxx
	1608-6-xxx
	5300-10-xxx

Long Straight	277-10-xxx
5100-15-41	1607-2-xxx
	1608-2-xxx
	1608-6-xxx
	5300-10-xxx

Long Angled	1608-9-xxx
5100-15-45	

Contra Head w/Reducer	1651-xxx-xxx
280-901-21, 23, 24, 25, 26	1351-xxx-xxx
	296-17-xxx



Quantum Drills

(5100-20 Straight or 5100-25 Angled)

277-140-xxx
277-143-xxx
5720-xxx-xxx

Attachment / Accessories Prefix

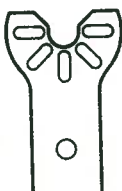
Portmann Chuck	1605-5-xxx
5100-20-44	1605-10-xxx
	1605-12-xxx



Reciprocating Saw

5100-37

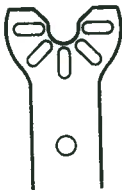
5100-137-xxx
5100-337-xxx
5100-37-xxx



Sagittal Saw

5100-34

2296-3-xxx
2296-33-xxx



Oscillating Saw

5100-31

2296-3-xxx
2296-33-xxx

Oscillating Saw Adapter 2296-31-xxx
2296-3-400

TPS Cutting Accessories

Assembly

Screen options

No Handpiece Detected

Detected but Inoperable

Low Power

Error Messages

Maintenance/ Sterilization

Cutting Accessories

Notes

Assembly

Screen options

No Handpiece Detected

Detected but inoperable

Low Power

Error Messages

Maintenance/ Sterilization

Cutting Accessories

Notes

stryker®

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1-616-323-7700

Fax 1-800-999-3811