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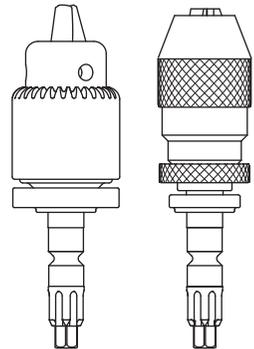
System 6™ Rotary Handpiece Attachments

REF 6203-XXX-XXX Series

Instructions For Use

R_x ONLY

CE



ENGLISH (EN)

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Introduction

This *Instructions For Use* manual is the most comprehensive source of information for the safe and effective use of your product. This manual may be used by in-service trainers, physicians, nurses, surgical technologists, and biomedical equipment technicians. Keep and consult this reference manual during the life of the product.

The following conventions are used in this manual:

- A **WARNING** highlights a safety-related issue. ALWAYS comply with this information to prevent patient and/or healthcare staff injury.
- A **CAUTION** highlights a product reliability issue. ALWAYS comply with this information to prevent product damage.
- A **NOTE** supplements and/or clarifies procedural information.

If additional information or in-service training is required, contact your Stryker sales representative or call Stryker customer service. Outside the US, contact your nearest Stryker subsidiary.

Dimensions and weights are approximate and may vary between devices.

Trademarks not the property of Stryker Corporation are the property of their respective owners.

NOTE: The user and/or patient should report any serious product-related incident to both the manufacturer and the Competent Authority of the European Member State where the user and/or patient is established.

Indications For Use

See the instructions for use supplied with the handpiece.

Contraindications

None known.

For Use With

Stryker Heavy Duty Rotary Handpiece Attachments are intended for use with the following Stryker Heavy Duty Rotary Handpieces:

DESCRIPTION	REF
System 6 Single Trigger Rotary Handpiece	6203-000-000
System 6 Dual Trigger Rotary Handpiece	6205-000-000
Electric System 6 Single Trigger Rotary Handpiece	6293-000-000
Electric System 6 Dual Trigger Rotary Handpiece	6295-000-000
System 7 Single Trigger Rotary Handpiece	7203-000-000
System 7 Dual Trigger Rotary Handpiece	7205-000-000

User/Patient Safety



WARNINGS:

- Before using any system component or any component compatible with this system, read and understand the instructions. Pay particular attention to WARNING information. Become familiar with the system components prior to use.
- Only trained and experienced healthcare professionals should use this equipment.
- The healthcare professional performing any procedure is responsible for determining the appropriateness of this equipment and the specific technique used for each patient. Stryker, as a manufacturer, does not recommend surgical procedure or technique.
- Upon initial receipt and before each use, clean and sterilize the equipment as indicated. See the care instructions supplied with the handpiece for processing instructions.
- Upon initial receipt and before each use, operate the equipment and inspect each component for damage. DO NOT use any component if damage is apparent.
- ALWAYS place the handpiece in the SAFE mode while the handpiece is idle, before installing or removing any accessory, or when passing the handpiece to another person.
- DO NOT attempt to insert or remove any cutting accessory or attachment while the handpiece is operating.
- DO NOT operate the handpiece in the drill mode position when a reamer attachment and/or accessory is installed in the handpiece.
- Before operating the handpiece, gently tug the cutting accessory to verify it is secure.
- ALWAYS operate the equipment within the specified environmental condition values. See the instructions for use supplied with the handpiece.
- ALWAYS follow the recommended duty cycle to prevent the equipment from overheating. See the instructions for use supplied with the handpiece.
- DO NOT place hands on or grip any rotating part while operating a handpiece.
- See specific attachment sections for additional WARNING statements.

Accessories



WARNINGS:

- Use only Stryker-approved system components and accessories unless otherwise specified. DO NOT modify any system component or accessory.
- DO NOT reuse, reprocess, or repackage a single use device. A single use device is intended for a single use only. A single use device may not withstand chemical, chemical vapor, or high temperature sterilization reprocessing. Design features may make cleaning difficult. Reuse may create a serious risk of contamination and may compromise the structural integrity of the single use device resulting in operational failure. Critical product information may be lost if the single use device is repackaged. Failure to comply may lead to infection or cross-infection and result in patient and/or healthcare staff injury.

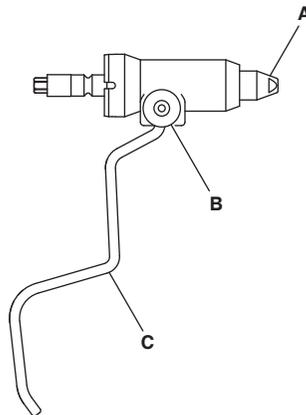
NOTE: For a complete list of accessories, contact your Stryker sales representative or call Stryker customer service. Outside the US, contact your nearest Stryker subsidiary.

The following Stryker-approved accessories are sold separately:

DESCRIPTION	REF
Universal Chuck Key	4100-131-132

Wire/Pin Collets

Features



A	Nose
B	Pre-adjust Knob
C	Clamping Lever

NOTE: Wire/Pin Collet (REF 6203-036-000) is shown for reference.

Description



WARNING: DO NOT use a single trigger collet with a dual trigger rotary handpiece. Installing a single trigger collet onto a dual trigger rotary handpiece creates a pinch point between the clamping lever and the forward trigger of the handpiece.

Wire collet and pin collet attachments are used to install wires and pins. Select the appropriate collet based on the handpiece type and the wire or pin diameter.

All collets have a pre-adjust knob with small (S) and large (L) diameter settings. Set the pre-adjust knob to the proper diameter range.

MODEL REF	DIMENSIONS	HANDPIECE TYPE	WIRE/PIN DIAMETER (S)	WIRE/PIN DIAMETER (L)
6203-026-000	Length: 107.1 mm; Height: 162.8 mm; Diameter: 27.6 mm; Weight: 222.3 g	Single and Dual Trigger	0.7 to 1.27 mm [0.028 to 0.050 inch]	1.3 to 1.8 mm [0.051 to 0.071 inch]
6203-036-000	Length: 107.2 mm; Height: 161.9 mm; Diameter: 27.6 mm; Weight: 218.5 g	Single Trigger		
6203-126-000	Length: 107.1 mm; Height: 162.6 mm; Diameter: 27.6 mm; Weight: 220.8 g	Single and Dual Trigger	2.0 to 2.6 mm [0.079 to 0.102 inch]	2.7 to 3.2 mm [0.106 to 0.126 inch]
6203-136-000	Length: 107.1 mm; Height: 164.1 mm; Diameter: 27.5 mm; Weight: 218.8 g	Single Trigger		
6203-226-000	Length: 107.2 mm; Height: 161.8 mm; Diameter: 27.5 mm; Weight: 220.5 g	Single and Dual Trigger	3.0 to 3.6 mm [0.118 to 0.142 inch]	3.7 to 4.2 mm [0.146 to 0.165 inch]
6203-236-000	Length: 107.1 mm; Height: 162.4 mm; Diameter: 27.6 mm; Weight: 218.5 g	Single Trigger		

Definitions

The symbols located on the equipment and/or labeling are defined in this section or in the *Symbol Definition Chart*. See the *Symbol Definition Chart* supplied with the equipment.

SYMBOL	DEFINITION
S	Small Diameter
L	Large Diameter
Single Trigger	Single Trigger — This attachment is intended for use with single trigger rotary handpieces only.

Instructions

To Place the Wire or Pin

- For adjustable pin and wire collets only: Set the pre-adjust knob for the proper pin diameter range by pulling and rotating the knob until the symbols match for the desired diameter range: L and L and S with S. Ensure the knob retracts and locks in place when the symbols align.
- Feed the wire or pin into the nose of the collet or into the back cap of the handpiece until the desired length extends from the nose. Ensure the wire or pin is inserted far enough so the collet holds the wire or pin before squeezing the clamping lever of the collet.
- Set the handpiece to the DRILL mode.
- Place the handpiece control switch in the FORWARD position.
- Squeeze the clamping lever of the collet to grasp the wire or pin.
- Hold the wire or pin against the bone and depress the handpiece trigger to drive the wire or pin into the bone.
- To obtain additional wire or pin length: (a) release the clamping lever of the collet, (b) pull the handpiece back to allow more wire or pin length, (c) squeeze the clamping lever of the collet, and (d) depress the handpiece trigger.

To Extract Wire or Pin

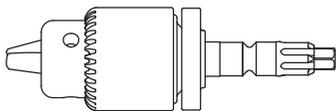
1. Place the nose of the collet over the free end and advance the collet as far as possible along the wire or pin.
2. Squeeze the clamping lever of the collet to grasp the wire or pin.
3. Pull the handpiece and wire or pin away from the bone and depress the handpiece trigger to extract the wire or pin from the bone.

NOTE: To withdraw threaded pins, operate the handpiece in reverse, squeeze the clamping lever of the collet and depress the handpiece trigger.

Chucks with Key

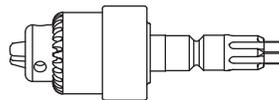
Description

The chuck with key attachments hold wires, pins and drill bits up to 1/4 inch [6.4 mm] in diameter. Each attachment is supplied with a chuck key.



1/4 inch Chuck with Key REF 6203-131-000

Length: 92.7 mm; Diameter: 28.6 mm; Weight: 143.6 g



5/32 inch Chuck with Key REF 6203-132-000

Length: 76.5 mm; Diameter: 25.0 mm; Weight: 75.0 g

Instructions

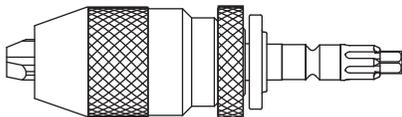
To Install Tool Into Chucks with Key

1. Use the chuck key to open the jaws.
2. Insert the tool into the center of the jaws.
3. Use the chuck key to close the jaws.
4. Tug the cutting accessory to ensure that it is secure before operating the handpiece.

Keyless Chucks

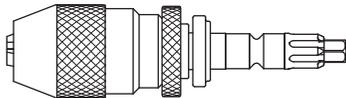
Description

The keyless chuck attachments hold wires, pins and drill bits up to 1/4 inch [6.4 mm] in diameter.



1/4 inch Keyless Chuck REF 6203-133-000

Length: 105.4 mm; Diameter: 30.0 mm; Weight: 227.4 g



1/8 inch Keyless Chuck REF 6203-134-000

Length: 91.2 mm; Diameter: 23.9 mm; Weight: 122.7 g

Instructions

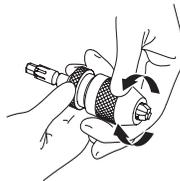
To Install Tool into Keyless Chuck



WARNING: ALWAYS manually close the chuck jaws to secure the tool. DO NOT operate the handpiece to automatically close the jaws on the tool.

CAUTION: DO NOT operate the handpiece in the REAM mode if using a keyless chuck. Failure to comply may result in product damage.

1. Open the chuck jaws by holding the attachment at the knurled ring with one hand and turning the collar with the other hand.



Manually Insert/Remove Tool

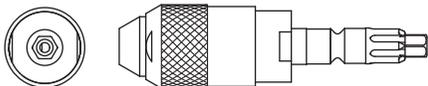
2. Insert the tool into the center of the jaws.
3. Close the jaws by holding the attachment at the collar and turning the knurled ring until tight.
4. Tug the tool to ensure that it is secure before operating the handpiece.
5. Visually inspect the cutting accessory and ensure it is centered in the jaws.

Drill and Reamer Attachments

Description

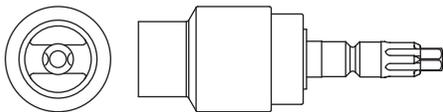
AO® Small Drill

The AO Small Drill (REF 6203-110-000) accepts Synthes tools such as drill bits, taps and automatic screwdrivers with the appropriate snap-lock shank. Length: 81.8 mm; Diameter: 22.3 mm; Weight: 105.5 g



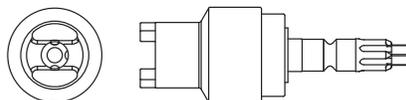
Hudson®

The Hudson attachment (REF 6203-113-000) accepts tools such as reamers, drill bits, taps and automatic screwdrivers with Hudson fittings. Length: 80.8 mm; Diameter: 27.9 mm; Weight: 131.3 g



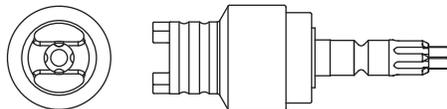
Hudson/Modified Trinkle

The Hudson/Modified Trinkle attachment (REF 6203-135-000) accepts tools such as reamers, drill bits and automatic screwdrivers with Hudson or Modified Trinkle fittings. Length: 79.0 mm; Diameter: 27.9 mm; Weight: 117.6 g



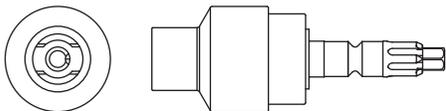
Modified Trinkle Attachment

The Modified Trinkle attachment (REF 6203-150-000) accepts tools such as drill bits, automatic screwdrivers, and reamers with a modified Trinkle fitting. Length: 79.2 mm; Diameter: 27.9 mm; Weight: 115.8 g



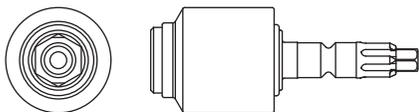
Trinkle Attachment

The Trinkle attachment REF (6203-160-000) accepts tools such as drill bits, automatic screwdrivers, and reamers with a standard Trinkle fitting. Length: 77.7 mm; Diameter: 27.9 mm; Weight: 119.3 g



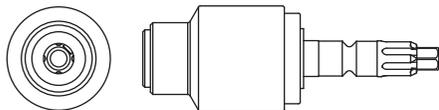
AO Large Reamer

The AO Large Reamer (REF 6203-210-000) accepts Synthes tools such as drill bits, automatic screwdrivers, and flexible reamers with the appropriate snap-lock shank. Length: 70.8 mm; Diameter: 27.9 mm; Weight: 107.7 g



DHS/DCS Quick Lock

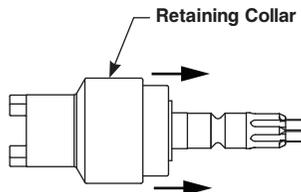
The DHS/DCS Quick Lock (REF 6203-215-000) accepts Synthes DHS/DCS triple reamers, large quick coupling drill bits, and screwdriver shafts. Length: 78.8 mm; Diameter: 27.9 mm; Weight: 132.6 g



Instructions

To Install Tool into Attachment

1. Slide back the retaining collar on the attachment; this is not required for AO Large Reamer.



To Install Tool into Attachment

2. Insert the tool (drill bits, screwdrivers, reamers) into the attachment.
3. Release the retaining collar; this is not required for AO Large Reamer.
4. Tug the tool to ensure that it is secure before operating the handpiece.

To Remove Tool from Attachment

1. Slide back the retaining collar on the attachment.
2. Remove the tool from the attachment.
3. Release the retaining collar.

Troubleshooting



WARNING: DO NOT disassemble or service this equipment.

NOTE: For service, contact your Stryker sales representative or call Stryker customer service. Outside the US, contact your nearest Stryker subsidiary.

PROBLEM	CAUSE	ACTION
Attachment will not fit into the handpiece.	Debris is on the attachment or inside the front end of the handpiece.	Clean the attachment and/or handpiece with a small brush with stiff, non-metallic bristles.
	Attachment is damaged.	Return the attachment for repair.
	Handpiece is damaged.	Return the handpiece for repair.
Attachment and/or cutting accessory wobbles in handpiece.	Cutting accessory or wire/pin is bent, extends too far from the distal end of attachment, is the wrong size, or is not properly centered in the attachment.	Reinsert the cutting accessory, wire or pin. If wobble persists, return the handpiece and attachment for repair.
	A reamer is installed and the handpiece is in the DRILL mode.	ALWAYS operate reamers in the REAM mode.
Cutting accessory falls out of the attachment.	Cutting attachment was not properly installed.	See instructions to reinstall cutting accessory.
Cutting accessory does not move when power is applied to handpiece.	F/R/Safe control is in the safe position.	SLIDE F/R/Safe control to the forward or reverse position.
	Handpiece shifter knob is positioned between the DRILL and REAM selections.	Position handpiece shifter knob to either the DRILL or REAM position.
	Excessive pressure is applied to the cutting accessory.	Release the pressure and allow the handpiece and cutting accessory to do the cutting.

Care Instructions

For processing instructions and disposal/recycle information, see the care instructions manual supplied with the handpiece.

Definitions

The symbols located on the equipment and/or labeling are defined in this section or in the *Symbol Definition Chart*. See the *Symbol Definition Chart* supplied with the equipment.

SYMBOL	DEFINITION
	General warning sign

Specifications

Applied Parts: When used with handpieces, the attachments described in this manual are applied parts. For more information, see the instructions for use supplied with the handpiece.

Environmental Conditions:

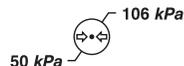
Temperature Limitation:



Humidity Limitation:



Atmospheric Pressure Limitation:



Storage and Transportation

ES/DE/FR/IT/NL 6203-001-712
JA/ZH/KO 6203-001-722
SV/DA/FI/PT/NO 6203-001-732
PL/EL 6203-001-753



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