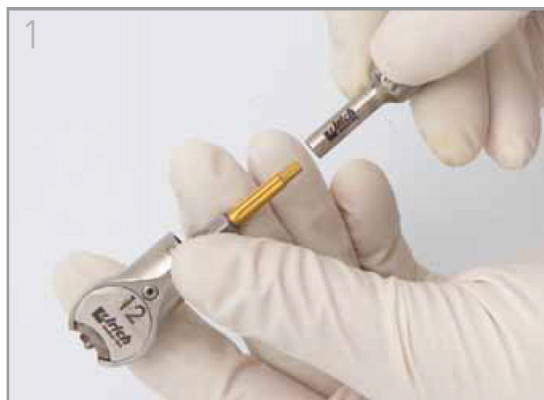




Typical Cassette Assembly

Start here, then continue to expander instrument assembly instructions (reverse page)



Step 1 Select the appropriate cassette (CS2256-12, -14, -16) corresponding to implant size being used (i.e. 12mm implant CS2256-12 cassette). Then place the knob assist handle (CS2256-02) on the opposite end of the cassettes head as shown above.



Step 2 Implant – Align vertically the female gear hole and female set screw hole as shown above. Cassette (CS2256-12) – Align vertically the male gear teeth (any tooth on gear will work) and the male set screw to mirror the female implant holes.



Step 3 Cassette (CS2256-12) - insert the aligned male gear tooth and set male screw of the cassette into the implant. Make sure the gear tooth is fully engaged in the female gear of the implant head.



Step 4 Hold firm the cassette (CS2256-13) in one hand while making sure not to dislodge the set screw and gear. With the opposite hand grasp the knob assist handle (CS2256-02) and turn clockwise to lock the cassette to the implant. When locked the implant will not dislodge from cassette (CS2246-12). Do not force the screw realign if necessary, this could strip the implant set screw. Finally remove the knob assist handle (CS2256-02) before attaching cassette to Expander Instrument (see reverse side).

Expander Instrument Assembly Instructions

Complete cassette assembly (see reverse side) before proceeding

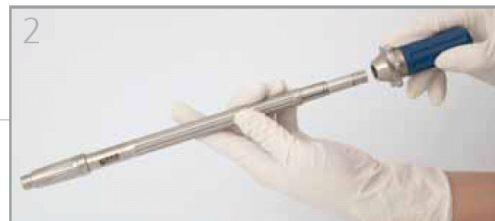


The Expander instrument (CS2256) consists of:

Implant locking rod (CS2256-22)
Shaft assembly (CS2256-21)
Expander shaft (CS2256-20)
Handle (CS2256-01)
Cassette(s) (CS2256-12, -14, -16)
Knob assist handle (CS2256-02)



Step 1 Insert the Shaft assembly (CS2256-21) into the Expander shaft (CS2256-20).



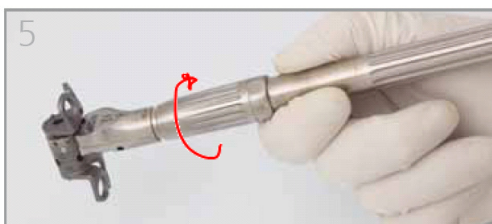
Step 2 Place firmly the handle (CS2256-01) on the Shaft Assembly (CS2256-21).



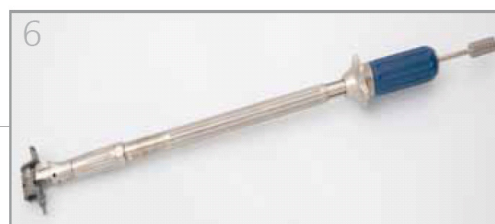
Step 3 Feed the Implant locking rod (CS2256-22) into the end of the handle (CS2256-01). NOTE: Make sure to hold the Implant locking rod during movement. This part was designed to move freely in and out of the expander instrument.



Step 4 Take the pre-loaded cassette (CS2256-12 shown) with corresponding implant and fully insert into the head of the Expander shaft (CS2256-20)



Step 5 To secure the cassette to the Expander tighten clock wise the end of the Expander shaft (CS2256-20) over the cassette (CS 2256-12) until firm.



Step 6 The complete assembly of the Small VBR™ & AddPlus™ Expander Instrument.