

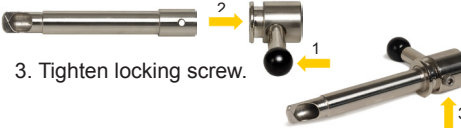
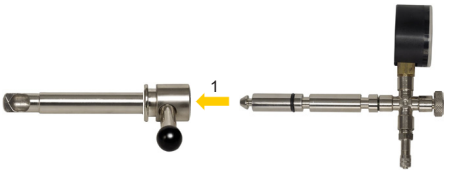





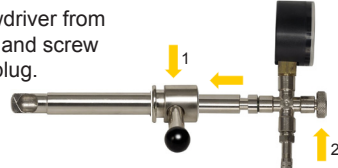







<p><b>1</b></p> <p>1. First make a branch connection using a clamp with a non-return valve according to instructions on previous page. Leave the adapter in place.</p> 	<p><b>2</b></p> <p>1. Choose support tube according to colour marking system.</p> <p>10-1 Grey</p> <p>16-1 White</p> <p>16-2 Black</p> <p>16-3 Yellow</p> <p>2. Colours are indicated on package labels of clamps and balloons.</p> <p>3. Colours are also indicated for the different support tubes in the NoTap tool kit.</p> 	<p><b>3</b></p> <p>1. Unscrew the locking screw and pull out the stop ball on the support tube housing.</p> <p>2. Insert the support tube completely and release stop ball. Twist until it locks in position.</p> <p>3. Tighten locking screw.</p> 	<p><b>4</b></p> <p>1. Pull out the stop ball and insert the balloon holder (without balloon) into the support tube as indicated.</p> 
<p><b>5</b></p> <p>1. Insert the blocking device through the adapter into the drilled pipe hole.</p> <p>2. Measure system pressure from the pressure gauge.*</p> <p>3. Pull out and remove balloon holder from support tube.</p> <p>*The system pressure must be known for pumping up balloon at a later time.</p> 	<p><b>6</b></p> <p>1. Unscrew the blocking plug.</p> 	<p><b>7</b></p> <p>1. Insert the hexagon screwdriver until it comes out through the nipple.</p> <p>2. Unscrew the nipple until the threads can be seen.</p> 	<p><b>8</b></p> <p>1. Push the balloon onto the balloon nipple. Screw the nipple counter clockwise to a distinct stop.</p> <p>2. Lubricate generously the balloon and the inside of the support tube with NoTap lubricant.</p> 
<p><b>9</b></p> <p>1. While holding the stop ball open, insert balloon into support tube (see box 10). Press the hexagon screwdriver making balloon oval for easier insertion.</p> <p>Tip! Hold support tube against floor between feet and push hexagon screwdriver.</p> 	<p><b>10</b></p> <p>1. <b>IMPORTANT!</b> Push grey balloon only halfway into support tube. White, black and yellow balloons are pushed in until the stop ball locks at the first position.</p> <p>2. Remove screwdriver from balloon holder and screw tight blocking plug.</p> 	<p><b>11</b></p> <p>1. Point the stop ball toward where the pipe is to be cut. Then push the blocking device into the adapter on the clamp.</p> <p>2. Mount locking shackle.</p> 	<p><b>12</b></p> <p>1. Place hand over balloon holder, pull out stop ball and press down until the stop ball locks at pushed in position.</p> <p>The balloon is now in the pipe.</p> 
<p><b>13</b></p> <p>1. Connect air pump to valve and pump up to 10 bar over system pressure. Wait one minute and reduce to 5 bar over system pressure by using a nipple attached to the air hose.</p> <p>The pipe is now blocked and can be cut.</p> 	<p><b>14</b></p> <p>1. When work is done, let air out of balloon by loosening the blocking plug.</p> <p>2. Loosen adapter shackle.</p> <p>3. Grip under stop ball and forcefully pull out entire blocking device (without twisting). The non-return valve will automatically close.</p> 	<p><b>15</b></p> <p>1. Unscrew the adapter.</p> <p>2. Mount the cap which is included with the balloon kit.</p> 	<p><b>16</b></p> <p>1. The balloon is for one-time use only and should be cut away with cutting nippers.</p> <p>2. Remove balloon holder and disassemble the parts.</p> 