

Technodiamant USA Inc.
35A Kennedy Road, Box 398
Tranquility, NJ 07879 USA
Telephone: +1 (908) 850 8505
Fax: +1 (908) 850 8506



www.technodiamant.com

Diamond and CBN Tools

Thank you for purchasing our Miniature 3/8" 24 or Branson water swivel. It has been designed using 303 stainless steel, brass, buna-n rubber, and glass filled Teflon seals.

Following are the operating limitations of this unit:

- 1) Maximum coolant pressure - 150 psi
- 2) Maximum speed - 2000 rpm
- 3) Maximum temperature – 200 degrees F.
- 4) Under no circumstances should this unit be operated dry or heated in any way!

The 1/4" push fittings supplied facilitate a coolant "in" and a coolant "out" port, and should not be replaced as internal damage could result. The coolant "out" port should be fitted with a bleed valve and used when small diameter drills are being used to bleed additional coolant through the water swivel thus eliminating heat build up from friction in the seals and bearings.

A restraint should be used so as to limit the tendency for the water swivel body to rotate from the friction of the internal components.

A new water swivel may seem "stiff". This is caused by assembly lubricants and will be eliminated by the coolant after initial use.

Dimensions:

3/8" 24

.500" shank diameter
1 1/4" body diameter
2.650" overall
1.650" under collet

Branson

.500" shank diameter
1 1/4" body diameter
2.175" overall
1.175" under collet

