

# WEBANCOR.com

WEB AND CORE TECHNOLOGIES INC.

WEBANCOR is a registered trade mark

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SINGLE TUBE AIR SHAFT BLADDERS AVAILABLE FOR ALL SIZES TIDLAND, NIMCOR, DAVEN, DOUBLE EE, **WEBANCOR**, DEUBLIN, AIRMAT AND OTHERS



Need to replace swollen or leaking bladders? for **WEBANCOR** air shafts just supply the Shaft Serial Number. For all other makes supply us with the required I.D. O.D. and length.

**If your bladders look like this**, probably the core is very difficult to get on and off the air shaft. Cleaning the shafts with solvents, petroleum based cleaners, or using an air supply containing lubricating oil will cause the rubber to swell.

When ordering new bladders make sure that the correct dimensions are supplied. Measure the unswollen part of the bladder, or measure the end cap i.d. and o.d.. For more information see [www.airshafts.com](http://www.airshafts.com)

**WEBANCOR** is one of the few air shaft manufacturers that have an in-house rubber shop to produce bladders for own use along with replacement bladders for other makes of shafts. We have hundreds of mandrels covering most of the sizes used in the industry, Inch or metric sizes. We use a special compound rubber designed specifically for AIR SHAFTS. It has far superior tensile, puncture and rip strength than the more common SBR (Synthetic) used by other Air Shaft Manufacturers.

**WEBANCOR** Air Shafts have been designed to be the easiest and quickest shafts to repair in the field. However for some customers, we have a full time repair department in our Mississauga plant to do complete repairs, from changing valves, and bladders to complete rebuilds, for any make.

Parts for other makes available from **WEBANCOR**, such as bladders, springs, valves, bearings for all single bladder shafts including offshore makes and home made shafts.

Also available from **WEBANCOR**. **Idler Rolls, Bowed Rolls, Core Chucks, Bodies utilizing steel, aluminum and composite.**

**WEB & CORE TECHNOLOGIES INC.** is located close to the International Airport in Toronto for quick overnight shipping of replacement part to almost anywhere in the World (bl-1)

[sales@webancor.com](mailto:sales@webancor.com)

**Please note:**

Bladder dimensions are extremely important, incorrect measurements can result in poor performance and early bladder failure. If the bladder o.d. is too big the lugs will not sit below the shaft body and interfere with the core. If too small the lugs will fall inside. If too short the end caps will be blown off. If too long, the bladder will "kink" inside causing some of the lugs to protrude.

When replacing an Airshaft Bladder, make sure that all spring, rubber, and core debris are cleaned out of the inside of the body. Broken springs and other parts if not replaced, will puncture the new bladder. Core debris will prevent the lugs or buttons from expanding sufficiently, allowing the core to slip.

**REMEMBER** Air Shafts are designed to run at "shop air" which is 85.-90

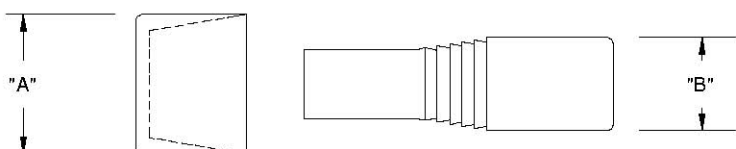
psi. Running without enough air in the shaft will allow the rolls to slip, damaging the run, the material, and the internal parts of the shaft.

O'rings should be replaced each time the bladder is changed, and lubricated with white grease.

Test for leaks only with the bladder inside the shaft and all journals bolted down, never inflate outside of the shaft.

Do not leave shaft inflated when not in use, some cheap bladders will stay stretched and swollen and not allow lugs or buttons to retract below the surface. Do not allow oil in the air line.

### TO ORDER AIR SHAFT AIR TUBES (BLADDERS)

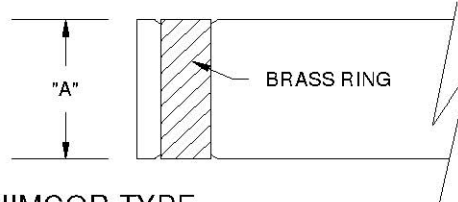


**FOR WEBANCOR-TIDLAND-DAVEN ETC.**

MEASURE DIMENSION "A" OF END CAP FOR OUTSIDE DIAMETER  
MEASURE DIMENSION "B" OF PLUG FOR INSIDE DIAMETER  
ORDER TUBE TO SAME LENGTH AS BODY OF SHAFT AND TRIM TO LENGTH, MAKING SURE END CAPS ARE FULLY INSIDE SOCKET OF JOURNAL.

FOR WEBANCOR SHAFTS USE ABOVE OR ORDER BY SERIAL NUMBER  
FOR SLEEVES MEASURE I.D. AND O.D. OF OLD SLEEVE, TAKING INTO ACCOUNT THAT OLD SLEEVE MAY BE SWOLLEN WITH USE. MEASURE UNSWOLLEN PART.

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**FOR NIMCOR TYPE**

MEASURE "A" THE DIAMETER OF THE BRASS RING, AND THEN THE LENGTH. IF SIZE IS STILL WRITTEN ON BLADDER THEN ORDER BY THAT SIZE.

WEBANCOR			
SCALE	REVISIONS	BY	DATE
TITLE: <b>BLADDERS</b>		Dwg. No: <b>BLAD-1</b>	