

# Trivia

*did you know that ...*

The Sun is 109 times wider than the Earth and 330,000 times as massive.

*At its center the Sun reaches temperatures of 27 million°F.*

Light from the Sun takes eight minutes to reach Earth.

*The Sun has a very strong magnetic field. Solar flares occur when magnetic energy is released by the Sun during magnetic storms, which we see as sunspots. In sunspots, the magnetic lines are twisted and they spin, much like a tornado would on Earth.*

The Sun's mass makes up 99.86% of the total Solar System.

*A solar eclipse is a natural event that takes place on Earth when the Moon moves in its orbit between Earth and the Sun.*

The Sun is mostly composed of hydrogen (70%) and Helium (28%).

*The Sun is a yellow dwarf star.*

The Sun is almost a complete sphere. There is only a 6 mile difference in its polar diameter compared to its equatorial diameter. It is the closest thing to a perfect sphere that has been observed in nature.

*The distance from the Sun to Earth changes throughout the year. Since the Earth travels on an elliptical orbit around the Sun, the distance between the two bodies varies from 91 to 94 million miles.*

The Sun is all the colors mixed together, this appears white to our eyes.

*The Sun's surface is called the corona and can only be seen during an eclipse as plasma streams outward like points on a crown.*

(space.com)  
(space-facts.com)

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Dixon Valve & Coupling Company  
800 High Street, Chestertown, MD 21620

# THE DIXON DRILLER

*"Published once a month since 1932"*

♫ AUGUST 2016 ♫

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
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# Product Spotlight

## Cam & Groove x NST (NH) Adapters



- Applications:**
- for use in suction and low pressure discharge applications only
- Sizes:**
- types D, B and F: 1½", 2", 2½", 3"
  - type A: 1½", 2½" and 3"
- Features:**
- easily switch NST coupled hoses to quick connect
  - lightweight
- Materials:**
- aluminum body
  - powder coated aluminum swivel nut
  - Buna washer
- Specifications:**
- Standard configurations: coupler x female NST (NH), adapter x female NST (NH), coupler x male NST (NH), adapter x male NST (NH)

For additional information, please call Dixon Fire at 877.712.6179, or visit [dixonvalve.com](http://dixonvalve.com).



[dixonvalve.com](http://dixonvalve.com)

## Dates in History

**1782** On August 7th, in Newburgh, New York, General George Washington, the commander in chief of the Continental Army, created the "Badge for Military Merit," a decoration consisting of a purple, heart-shaped piece of silk, edged with a narrow binding of silver, with the word Merit stitched across the face in silver. The badge was to be presented to soldiers for "any singularly meritorious action" and permitted its wearer to pass guards and sentinels without challenge. The honoree's name and regiment were also to be inscribed in a "Book of Merit."

**1949** On August 3rd, after a damaging three-year battle to win both players and fans, the rival Basketball Association of America (BAA) and National Basketball League (NBL) merged to form the National Basketball Association (NBA). Representatives from the two leagues met at the BAA offices in New York's Empire State Building to finalize the merger.

**2002** On August 5th, the rusty iron gun turret of the U.S.S. Monitor broke from the water and into the daylight for the first time in 140 years. The ironclad warship was raised from the floor of the Atlantic, where it had rested since it went down in a storm off Cape Hatteras, North Carolina, during the Civil War. Divers had been working for six weeks to bring it to the surface. Nine months before sinking into its watery grave, the Monitor had been part of a revolution in naval warfare. On March 9, 1862, it duelled to a standstill with the C.S.S. Virginia (originally the C.S.S. Merrimack) in one of the most famous moments in naval history—the first time two ironclads faced each other in a naval engagement.

([history.com](http://history.com))

## On the Lighter Side

### Puns

What do you call an alligator in a vest? An investigator.

Insect puns bug me.

I'm very good friends with 25 letters of the alphabet. I don't know why.

I woke up this morning and forgot which side the sun rises from. Then it dawned on me.

I tried to catch some fog. I mist.

I have a speed bump phobia, but I am slowly getting over it.

Broken puppets for sale. No strings attached.

Why did the scarecrow win an award? Because he was outstanding in his field.

I asked my mom to make me a pair of pants. She was happy to. Or at least sew it seams.

My friend's bakery burned down last night. Now his business is toast.

A man just assaulted me with milk, cream and butter. How dairy.

When I finally worked out the secret to cloning, I was beside myself.

Never trust atoms, they make up everything.

A pet store had a bird contest with no perches necessary.

Regular visitors to the dentist are familiar with the drill.

([laffgaff.com](http://laffgaff.com))