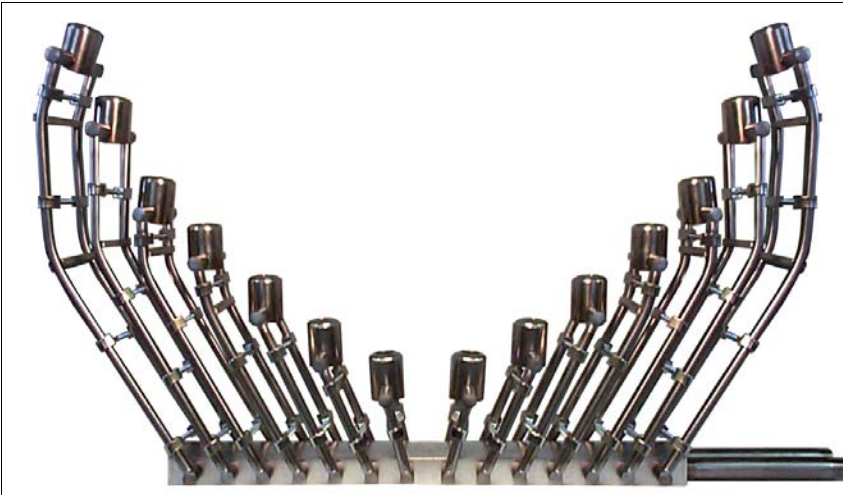




## 14 - JET LATHE BURNERS



14-Jet 14 Head Lathe Burner Assembly  
12C007-0000

The 14-Jet is the largest of the three sizes of this style of lathe burner. Each head has 14 gas ports on its face. The gas exiting these ports mixes with the oxygen that enters from porting located surrounding the face. This type of mixing is known as nozzle mixing and shares many of the same attributes as the surface mixed flame. Also, the chances of flashback are significantly reduced through this type of mixture.

The versatile 14-Jet burner allows for almost any type of fuel gas. This would include natural gas, propane, mixed gases, and hydrogen. Recommended operating pressures are gas at 5 P.S.I. and oxygen at 10 - 15 P.S.I. The dual pivot motion of both the head and the arms with the bed provides for the

Carlisle lathe burner to accept a wide range of glass diameters. The side-arms are available with the standard arm clips or the advanced style

### BULLETIN REFERENCES

Controls- Bulletins 16A, 16E, 16F

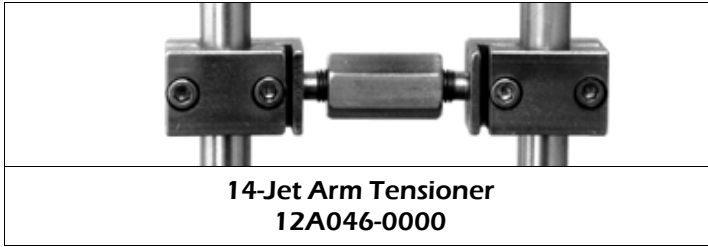
Other Lathe Burners of this type are offered as per the following:

- 1-Jet- Bulletin 12A
- 7-Jet- Bulletin 12A (continued)

CATALOG NUMBER	ACCESSORIES AND PARTS
12C001-1000	2 Head Burner Bed
12C002-1000	4 Head Burner Bed
12C003-1000	6 Head Burner Bed
12C004-1000	8 Head Burner Bed
12C005-1000	10 Head Burner Bed
12C006-1000	12 Head Burner Bed
12C007-1000	14 Head Burner Bed
12C008-1000	16 Head Burner Bed
12C009-0000	Burner Tip
12C010-1000	Side Arm #1 (pair)
12C010-2000	Side Arm #2 (pair)
12C010-3000	Side Arm #3 (pair)
12C010-4000	Side Arm #4 (pair)
12C010-5000	Side Arm #5 (pair)
12C010-6000	Side Arm #6 (pair)
12C010-7000	Side Arm #7 (pair)
12C010-8000	Side Arm #8 (pair)
12C017-0000	Arm Clip
12C019-0000	Arm Tensioner

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**14-Jet Arm Tensioner  
12A046-0000**



**14-Jet Arm Clip**

arm-tensioners. The arm clips use a nut and bolt to bring together the clips holding the arms. This works well for a set positioning of the arms but complicates re-adjustment of the heads. After many repeated tightening and loosening of the arm clips which have been inadvertently "heat treated" by use of the burner, their effectiveness is reduced and will need periodic replacement. The arm-tensioner uses two holding brackets which can be tightened or loosened by a single hex nut located between them. With this system it is easier to positively adjust the sidearms and heads to new positions and positioning is not reduced.

The 14-Jet Lathe Burner is ideal for almost any type of glass working. It works well with both soft and hard glass, and excels in use with quartz. The burner is manufactured from heat resistant alloy steel. The burner bed, side arms, burner tips, arm clips, and arm tensioners can all be ordered separately. Since two side arms make up the assembly that holds one burner tip, the side arms are offered in pairs. Each pair is numbered for easy reordering. To determine which side arm pair is needed, simply start at the center of the lathe burner and count the pairs of arms outward. For example, a 6 head lathe burner would have pairs 1, 2, and 3 on one side and pairs 1, 2, and 3 on the other side.

CATALOG NUMBER	MODEL NUMBER	# OF HEADS
12C001-0000	14J-2S	2
12C002-0000	14J-4S	4
12C003-0000	14J-6S	6
12C004-0000	14J-8S	8
12C005-0000	14J-10S	10
12C006-0000	14J-12S	12
12C007-0000	14J-14S	14
12C008-0000	14J-16S	16

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