# NEWS RELEASE

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*April 15th, 2011* *Contact: Diane Rothaermel*

# 2010 ANNUAL FORGING INDUSTRY SALES RELEASED BY FORGING INDUSTRY ASSOCIATION

## *Orders and shipments improve in most areas*

*CLEVELAND, OHIO* -- Final revised figures showing 2010 sales of metal forgings produced by independent (custom) forging plants in the United States, Canada and Mexico have been released by Forging Industry Association (FIA). Figures are broken out by the three major forging processes.

**CUSTOM FORGING INDUSTRY SALES IN NORTH AMERICA** (1)
***(encompassing all metals forged in millions of U.S. $)***

| Year | Impression Die | Open Die | Seamless Rings |
|---|---|---|---|
| 2010 | 5287.8 | 1685.6 | 1258.4 |
| 2009 | 4832.1 | 1521.6 | 1298.2 |
| 2008 | 6084.8 | 2035.0 | 1785.8 |
| 2007 | 6149.8 | 1786.9 | 1450.1 |
| 2006 | 5870.3 | 1520.7 | 1220.1 |
| 2005 | 5641.1 | 1226.4 | 861.0 |
| 2004 | 4907.4 | 901.5 | 607.4 |
| 2003 | 3901.8 | 647.1 | 522.2 |
| 2002 | 4041.2 | 682.2 | 532.9 |
| 2001 | 4460.2 | 763.1 | 662.6 |
| 2000 | 4694.7 | 745.1 | 606.6 |
| 1999 | 4637.5 | 725.2 | 607.7 |

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## CUSTOM IMPRESSION DIE FORGING

Total industry shipments for the custom impression die forging industry at $5,287,811,000 in 2010, increased to 11% above the $4,782,405,000 in 2009. Bookings of impression die forging orders during 2010 increased to $5,805,934,000, 42% above 2009's figure of $4,091,747,000. The aerospace sector (including engines, aircraft parts, auxiliary equipment and guided missiles and space vehicles) made up the largest percentage of impression die industry sales at 31.1% down from the revised 39.8% in 2009[1]. The automotive sector (passenger cars/light trucks/SUV's and parts) with 31.1%, took second place down from the revised 39.8% in 2009 and 33.6% reported in 2008.

## CUSTOM OPEN DIE FORGING

Total industry shipments by the custom open die forging industry in 2010 were increased to $1,685,606,000, 7% above 2009's[2] of $1,568,296,000. Bookings of open die forging orders during 2010 also increased to $1,777,831,000, 37% above the $1,299,885,000 in 2009. In 2010 construction, mining and material handling equipment remained the leading open die market segment with 22% of total industry sales, up from 19.7% in 2009. Aircraft & parts rose to second place with 8.1% of market share, staying the same as 2009 but still down from the 9.4% reported in 2008.

## CUSTOM SEAMLESS ROLLED RING FORGING

Total 2010 industry shipments for the custom seamless rolled ring forging industry decreased to $1,258,416,000, 3% below 2009's volume of $1,298,151,000. Bookings of seamless rolled ring forgings for 2010 increased to $1,331,309,000, 33% above 2009's $999,946,000. Aerospace engines and engine parts accounted for the majority of seamless rolled rings produced, with a market share of 50.1% in 2010 vs. 55% in 2009. Ball & roller bearings rose to second place with 7.8% market share, up from the 4.9% reported in 2009 and the 7.3% in 2008.

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*NOTE: FIA's Annual Report of industry sales is based on information compiled from companies believed to have produced an average of 92% of 2010's total custom forging sales. The report is statistically treated to represent 100% of industry shipments in the custom forging industry. Figures quoted in this release do not include forgings produced for captive use or standard catalog products. Components produced via the cold forging process are also excluded from this report.*

***FORGING INDUSTRY ASSOCIATION, with headquarters in Cleveland, Ohio, is comprised of 110 North American producers of forged metal components, accounting for 200 plants producing 75% of the custom forging volume produced annually. Forged metal parts are pressed, pounded or rolled into countless configurations, and used for critical applications in the aerospace, automotive, construction, materials handling, ordnance, hand tool, agricultural and industrial equipment industries -- to name a few! In addition, over 81 firms supplying equipment, materials, services or supplies to the forging industry are also members of FIA. The Association, with its predecessor organizations, has served the metal forging industry since 1913.***

***For more information on metal forging processes, the forging industry or FIA member companies, visit the forging industry website at www.forging.org.***

[1] *2009 Impression Die annual shipments/markets were adjusted to reflect for updated information received after 2009 was published..*

[2] *2009 Open Die annual shipments/markets were adjusted to reflect the updated information received after 2009 was published.*

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