

NEWS RELEASE



FORGING INDUSTRY ASSOCIATION
1111 Superior Ave., Suite 615, Cleveland OH 44114
PHONE: 216-781-6260 * FAX: 216.781.0102
E-mail: info@forging.org
www.forging.org

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Contact: Mary Ann Foote

2014 ANNUAL FORGING INDUSTRY SALES RELEASED BY FORGING INDUSTRY ASSOCIATION

*Despite turbulent year, 2014 Orders and Shipments
finish ahead of 2013*

CLEVELAND, OHIO -- Final revised figures showing 2014 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 (encompassing all metals forged in millions of U.S. \$)

<u>Year</u>	<u>Impression Die</u>	<u>Open Die</u>	<u>Seamless Rings</u>
2014	8190.7	2068.8	1659.3
2013	7313.3	1841.3	1604.0
2012	7336.9	2177.8	1603.6
2011	6371.9	2191.6	1485.0
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

CUSTOM IMPRESSION DIE FORGING

Total industry shipments for the custom impression die forging industry at \$8,190,679,000 in 2014, increased 12% from \$7,313,261,000 in 2013. Bookings of impression die forging orders during 2014 increased to \$7,230,525,000, 1.5% above 2013's figure of \$7,123,978,000. The automotive sector (passenger cars/light trucks/SUV's and parts) with 30.0% market share, took first place in 2014. The aerospace commercial sector took second place with 20.9% market share in 2014.

CUSTOM OPEN DIE FORGING

Total industry shipments by the custom open die forging industry with \$2,068,848,000 in 2014 was 12% above 2013's \$1,841,283,000. Bookings of open die forging orders during 2014 amounted to \$2,141,805,000 20% above the \$1,778,473,000 reported in 2013. In 2014 oil/gas field machinery and equipment remained in the lead for open die market segments with 30.3% market share. Defense which includes aerospace military, military heavy vehicles and ordnance/guided missiles and naval related/navy nuclear took second place with 13.7% market share.

CUSTOM SEAMLESS ROLLED RING FORGING

Total 2014 industry shipments for the custom seamless rolled ring forging industry increased to \$1,659,279,000, 3% above 2013's volume of \$1,604,044,000. Bookings of seamless rolled ring forgings for 2014 increased to \$1,689,124,000, 6% above 2013's \$1,591,131,000. Aerospace-commercial accounted for the majority of seamless rolled rings produced, with a market share of 45.4% in 2014. Oil & gas field machinery and equipment stayed in second place, with a 13.3% market share.

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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 89% of 2014'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 111 North American producers of forged metal components, accounting for 225 plants producing 89% 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, 95 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.