Clay High School Distinguished Hall of Fame Nominee

BYRON "BUTCH" KOCH ('37) Posthumous



Byron Warren "Butch" Koch was born in Oregon, Ohio on July 29, 1919, the youngest of 4 siblings. As a child he worked on the family farm in Oregon, Ohio and attended Clay High School where he earned varsity letters all four years in baseball and basketball. While attending Clay, he met and fell in love with his future wife and best friend, Harriet (Coy) Koch of Oregon, Ohio who passed away in 2007. They married in 1940 and shared 67 years together. He and his wife had three children: Gary Koch, Jennifer (Koch) Zak, and Jack Koch, all of whom graduated from Clay High School.

Byron studied engineering at the University of Toledo; He took every engineering course they had. He worked 60 years for Doehler-Jarvis, a division of NL Industries specializing in aluminum, magnesium and zinc die casting. He was the Chief Product Development Engineer and an internationally renowned automotive executive having worked closely with the world's largest automotive companies in creating solutions to the most difficult die-cast manufacturing challenges. He logged 74 patents spanning five continents and was recognized for outstanding industry achievements throughout his career. He earned the Automotive Industry's International Award for Technical Excellence for life-time achievements, The International Zinc Die Cast Award for his powerful designs, and the prestigious American Die Cast Institute "Award of Excellence" for life contributions, industry impact and his outstanding body-of-work.

Some examples of his design work include: the first aluminum transmission case for GM, the first aluminum engine block for American Motors, the first aluminum power steering housing for Oldsmobile, various aluminum castings for BMW, Mercedes, Toyota, Ford, and Chrysler, as well as the core design for Mazda's legendary Wankel rotary engine. He designed and built the largest zinc die casting ever produced and at one point was recognized for having personally developed products that utilized 25 % of the entire world's die cast aluminum.

As an industry icon for more than half a century he built impressive relationships with clients and friends around the globe, at every level. He was trusted and respected by his clients for always creating winning solutions in a professional, collaborative and pragmatic way. He was admired everywhere and had a long list of friends both inside and outside the business. He had a love for challenges and problem solving. His humble demeanor coupled with hard work and a strong commitment to delivering results made him both a wonderful friend and trusted coworker. He had a great sense-of-humor and was always engaging, caring and thoughtful. Butch was often described as "one of the nicest people I ever met." He was truly wonderful — one of a kind.