

# Dissolvable Frac Balls

Multiple high-strength aluminum alloy formulations for a wide range of applications



## Reliable pressure holding performance

Parker's dissolvable aluminum alloy frac balls exhibit high shear and compressive strength and excel in tight overlap, high stage count, sliding sleeve and plug-and-perf systems where predictable corrosion rates and reliable pressure holding performance is essential.

Our dissolvable aluminum-based alloys can be used in applications where pressures exceeding 10,000 psi on a 1.8% overlap are required.

From low temp fresh water to hot wells in high salinity produced fluids, Parker has an alloy to meet your toughest requirements.



## Contact Information:

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## Product Features:

- Multiple alloy formulations for low temperature, fresh water, and high-salinity fluids
- Reliable, controlled dissolution in common wellbore fluids of variable chemistries
- Common sizes and custom size capability
- Strong engineering support, lab testing, and online rate of dissolution (ROD) calculators to assist in product selection

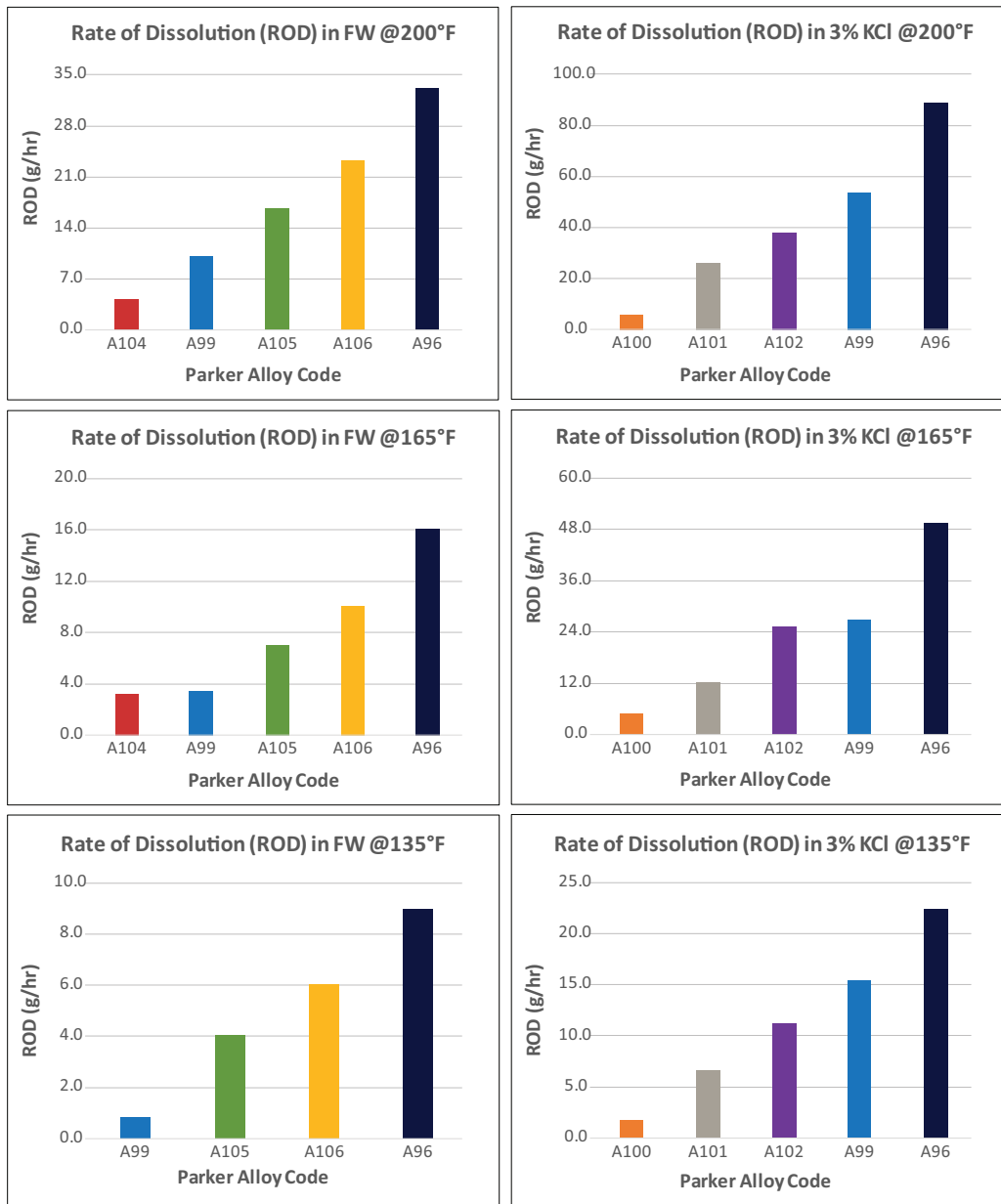


ENGINEERING YOUR SUCCESS.

# Wide Range of Solutions

Parker offers a full suite of high-strength dissolvable metal alloys formulated for controlled dissolution in fresh, salt, acid, or produced water applications.

Rate of Dissolution Tables for Parker Dissolvable Alloys



Note — All testing performed on Ø3" x 0.38" Discs

## Innovative Material Development

The hydraulic fracturing industry requires constant innovation to keep pace with ever changing well environments. At Parker's in-house material science labs, our research and design teams have active development programs underway to meet these challenges with solutions that include:

- Delay coatings for high acidity fluids
- Faster dissolution rates for low temp fresh water

## Selection and Recommendations

Parker's knowledgeable sales and engineering team can help select the best dissolvable alloy to optimize performance for your specific application.<sup>†</sup>

Learn more about Parker dissolvable material technology by clicking the button below. There you will find additional information and a link to access our [dissolution calculator](#) for estimating dissolution rates of Parker's dissolvable metal alloys .

DISSOLVABLE MATERIALS  
TECHNOLOGY

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