

## V-Zero™ Retrievable Bridge Plug

The V-Zero™ Retrievable Bridge Plug (RBP) is a high performance monobore plugging device which can be set at any required depth in the tubing or casing.

The V-Zero™ RBP is deployed, equalised and retrieved using conventional well intervention methods. Deployment is achieved in one run, as is the subsequent equalisation and retrieval of the plug. This enables a reduction in both well intervention risk and subsequent operational cost.

The plug features bi-directional slips which anchor the plug to the casing/tubing/liner ID prior to pack-off of the element to form the pressure seal, making it ideal for cross flow applications.

The large 'through bore' design ensures full equalisation occurs prior to retrieval. This also means that secondary devices can be installed onto the lower section of the RBP such as Omega's remotely activated equalising valves.

Omega API 11D1 qualifies the V-Zero™ Retrievable Bridge Plug range to 5,000 psi @ 150°C - 4°C.

Contact your Omega representative for more specific and updated testing information.

# Technical Specifications

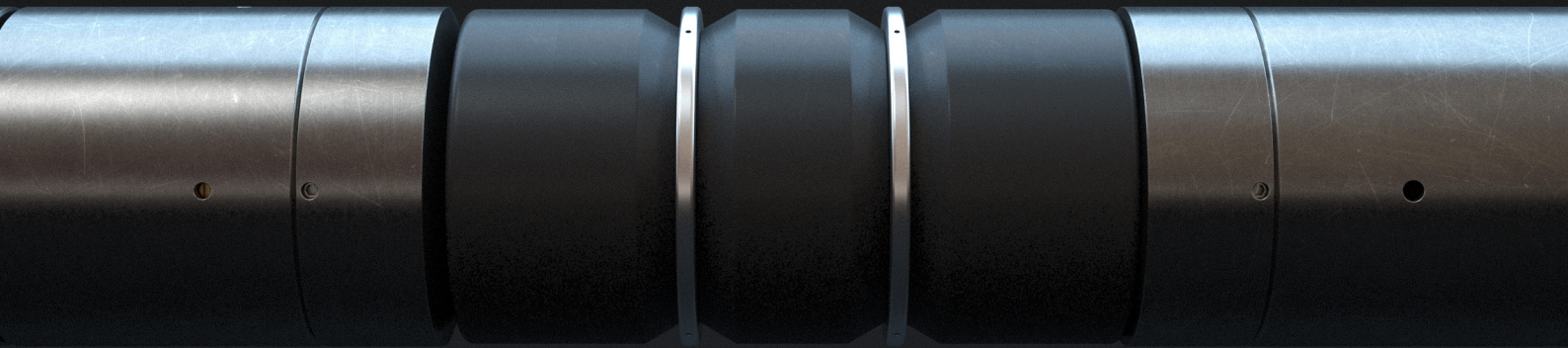
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## V-Zero™ Retrievable Bridge Plug

Tubing/Casing Size		Plug OD (in)	Setting Range		Pressure Rating (psi)	Temperature Range (°C)	Plug ID (in)	Plug Length (in)	GS FN (in)
OD (in)	Weight (Lbs/ft)		Min (in)	Max (in)					
2.375	4.6-5.8	1.750	1.788	2.046	7,500	150-4	0.215	71.4	2
2.875	6.4-7.9	2.198	2.243	2.493	5,000	150-4	0.300	67.6	2
3.500	9.2-10.2	2.650	2.842	3.046	5,000	150-4	0.260	72.8	2.5
4.500	11.6-15.1	3.420	3.750	4.068	5,000	150-4	0.750	78.8	3.5
5.000	15-18	3.850	4.194	4.486	5,000	150-4	1.185	81.5	3.5
5.500	17-28.4	4.250	4.326	4.975	5,000	150-4	1.430	78.4	3.5
7.000	26-35	5.720	5.891	6.379	5,000	150-4	2.730	91.1	5

Omega API 11D1 qualifies the V-Zero™ Retrievable Bridge Plug range to 5,000 psi @ 150°C - 4°C (7,500 psi for the 2.375" plug size). Contact your Omega representative for more specific and updated testing information.

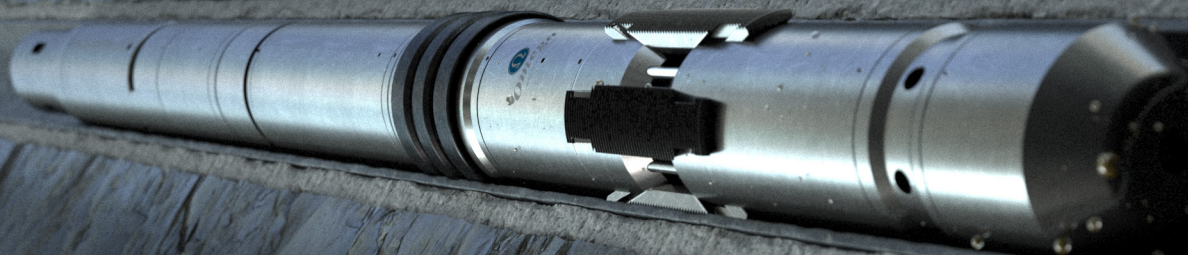
\* V3 Gemini plugs available on request. Contact Omega for details.



# Features - Applications - Benefits

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### FEATURES

- Medium expansion slips and element.
- Highly debris tolerant due to innovative equalising/retrieval design.
- Retrieval mechanism enables successful retrieval in one intervention.
- Bi-directional mechanical slips.
- Large slip footprint maximises slip/casing contact area.
- Overall length minimized for restricted access deployment.
- Set using conventional intervention setting tools, such as Omega's Hydrostatic Setting Tool (HST).
- Option to install a lower junk catcher extension in high debris environments.

### APPLICATIONS

- Well barrier during well maintenance and workover's.
- Zonal isolation, water shut off or treatment.
- Pre-installation in completion tail-pipe for packer setting.
- Contingency packer setting.
- Testing of production tubing(s).

### BENEFITS

- Increased operational performance due to setting and releasing mechanisms.
- No specialized retrieval tool required, standard GS pulling tool used to equalise and retrieve.
- Optimised slip design reduces stress loading on tubulars.
- Controlled setting action, further enhanced with the Omega HST.
- Through bore design provides secondary functionality and increased debris tolerance.