

# Product Sheet: Insert Valve Carrier (IVC)

## Product Description

The Insert Valve Carrier (IVC) provides the means of retrofitting third party replacement valves by using the existing Sub Surface Safety Valve (SSSV) profile. Independent version is also available.

Simultaneously the IVC makes use of the existing hydraulic system to activate the newly placed SSSV.

The anchoring mechanism's design and construction enables the use of standard locking profile or slips mechanism when the existing profile is damaged.

## Product Application

The IVC can be set in or across a landing nipple damaged by wireline/coil tubing wear, scale, corrosion or similar, and makes use of the existing control line. If the sealing areas or key profile are too damaged, the IVC can anchor on slips and seal in other IDs than the seal areas, such as flow couplings above/below the landing nipple.

## Product Benefits:

Avoids recompletion and reduces cost by allowing retrofitting of Wireline Retrievable Sub Surface Safety Valves in damaged Downhole Safety Valve nipples.



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## Product Features

- Expandable seals
- Designed to fit existing valve profile and can be installed either by standard locking profile or by using slip mechanism
- Independent of profiles version is also available
- The system is run on wireline/slickline and retrieved on standard GS retrieving tools.

## Technical Specifications

Model	386-450 IVC	462-550 IVC	575-700 IVC	604-700 IVC
OD	4.50"	5.50"	5.75"	7.00"
Safety Valve Profile	Baker	Baker	Schlumberger	Schlumberger
OD Element Module	3.772"	4.543"	5.75"	5.925"
OD No-Go	3.835"	4.626"	TBA	6.039"
Carrier ID	1.913"	2.559"	3.400"	3.622"
Carrier Length	3.80 m (149.6")	4.15 m (163.4")	TBA	1.40 m (55.1")
Press Rating	6000 psi annulus/ 3000 psi below lock @70°C	7540 psi annulus/ 5000 psi below lock @100°C	7500 psi annulus/ 5000 psi below lock @100°C	9000 psi annulus/ 4000 psi below lock @70°C
Pulling Tool (GS)	4"	5"	6"	7"

