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PIONEER SW SERIES CASING SWAGES

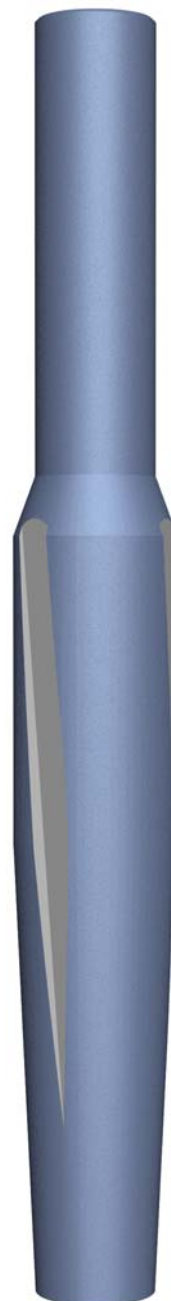
The Pioneer casing swage represents an efficient means of re-opening collapsed sections of casing. In addition, the casing swage may be run through a section of casing to *check* if the I.D. is deformed prior to the production run.

Wear resistant tapers, leading and trailing, ensure that the tool is less susceptible to jamming in the casing. The leading taper ensures a gradual increase in pressure applied at the area of deformation. Flow bypass slots ensure full circulation.

The casing swage is normally combined with one or more components (safety joint, drill collar, jar or bumper sub) prior to running in the hole.

In some cases it may be necessary to run a series of swages through a damaged section, each larger than the last, in order to gradually bring the casing back to round.

Casing swages are available to fit any size of casing. Please specify casing O.D. and weight when ordering.



“QUALITY + DELIVERY IS OUR PRIORITY”