



NTB GROUP
ISO 9001:2015
DNV CERTIFIED

NTB HITECH CERAMICS

(A Division of NTB International Pvt. Ltd.)

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Chokes and Valve Components

NTB Hitech Ceramics, India offers Quality Forgings and Precision machined parts and components designed to reliably control the flow rate of fluids discharged from a well. Forgings are available in Stainless Steel, Carbon Steel, Alloy Steel, 17-4 PH and Non-Ferrous materials. Special capabilities include Gate/Segment Machining, Nitriding, Heat-Treatment, Teflon Insertion in Valve Seats and Precision Machining of valve body, slab and expanding gates, seats, stems etc., all in one location. We are also equipped with CNC Turning, Horizontal and Vertical Machining Centers. Lastly, we are an ISO-9001:2015 certified organization, managed by a team of qualified professional with 25 plus years of experience in this line of business.

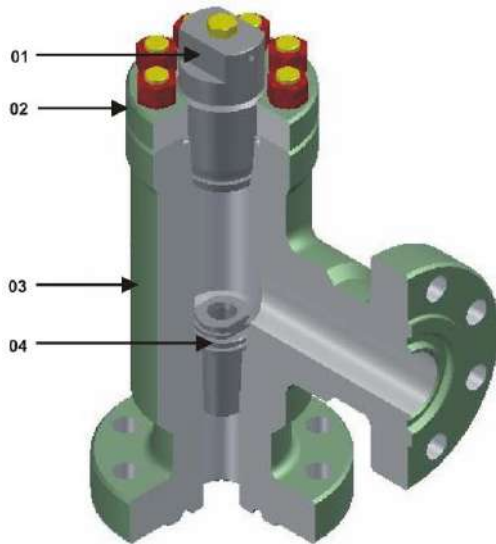
NTB Hitech Positive or Adjustable Choke parts and components are built to the highest standards using advanced manufacturing techniques and materials, in pressure ratings up to 15,000 psi. This ensures optimal performance and reliability. On valve bodies, standard connections are flanged or union. Other end-connections (API/ANSI, Flanged/Threaded) can be supplied as per orders.

NTB Positive Chokes accept replaceable fixed orifice flow beans (Ceramic or Carbide lined for severe applications) that are measured in 64th. of an inch. All Adjustable Chokes can be converted into Positive Chokes by replacing the bonnet assembly with an appropriate blanking plug and choke bean assembly. Positive Choke beans range from 4/64" to 48/64" for ¾" beans and from 50/64" to 64/64" for the 1" Positive Chokes.

NTB Choke and valve components are lined with Cobalt/Nickel bonded Tungsten Carbide hard metals of fine/medium grain carbides sintered to 95-99% theoretical density. **NTB Choke and valve components conform to NACE standards.**

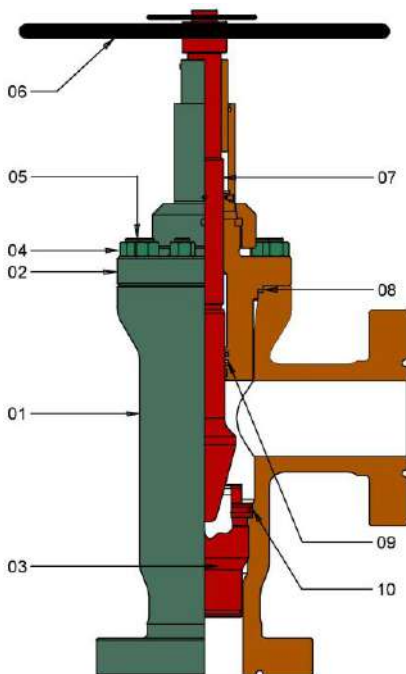
NTB Adjustable choke parts and components exhibit these features:

- Conventional tried and tested Carbide or Ceramic Needle and Seat design available with Orifice sizes of 3/4" to 2"
- The stems are Stainless Steel with Carbide Cone tips
- Parts are interchangeable to construct a positive, adjustable or combination Choke
- Bonnet nuts have rugged forged lugs that can be hammered loose.



Positive Choke

Part N°	Description
01	Plug
02	Bonnet
03	Body
04	Choke Bean



Adjustable Choke

Part N°	Description
01	Body
02	Bonnet
03	Seat
04	Body studs nuts
05	Body studs
06	Handwheel
07	Stem + Needle
08	Body/Bonnet Gasket
09	Stem Gasket
10	Seat Gasket



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