



MATERIALS

A long lasting tradition in open-die forging and steel heat treatment, with a focus on the production steel and nonferrous alloys shaped rings.

PETROCHEMICAL

OIL & GAS

VALVES

POWER GEN

MECHANICAL

NUCLEAR

Selection of the most widely used types of steel.

FDB can also supply several steel types with chemical analysis suitable to satisfy the customer specification needs.

CARBON AND LOW-ALLOY STEELS	ALLOY STEELS
<p>ASTM A105 – A266Gr. 2/4 ASTM A350 Gr. LF2 ASTM 350 GrLF3 SA765GR11-SA765GR1V UNI EN ISO 10222-4 P250GH – P285NH/GH DIN 17100 ST52.3 EN 10222-4 P355NH-QH/P420NH-QH EN 10222-2 P305GH EN 10250-2 S235JR-S355J2G3-S325G EN 10250-2 C25-C30-C45-C50-C60 EN 10250-2 28Mn6-20Mn5 DIN 17205 30Mn5 – 36Mn5 ASTM A668 CLD-E-F ASTM A350 Gr. LF6 EN 10028-3 P460NH-NL1-NL2 Vd TUV 354/3 TSTE355-WSTE355 ASTM A694 F50-F52-F60-F65-F70 DIN 17103 TSTE420-460-500</p>	<p>EN 10222-2 16Mo3 /13CrMo4-5 / 11CrMo9-11 EN 10250-3 20MnMoNi4-5 VdTUV 377/3 15NiCuMoNb5 EN 10250-3 25CrMo4-34CrMo4-42CrMo4-50CrMo4 EN 10086-3 39NiCrMo3 EN 10250-3 36CrNiMo4-34CrNiMo6-30CrNiMo8-32CrMo12 EN 10250-3 33NiCrMoV14-5 SEW 26NiCrMoV11-5 / 26NiCrMoV14-5 EN 10084 16MnCr5 / 20MnCr5 / 18CrNiMo7-6 EN 10085 31CrMo12 – 31CrMoV9 UNI 8550 18NiCrMo5 UNI7874 21CrMoV5-11 / 40NiCrMo7 / 30NiCrMoV12 DIN 17350 55-56NiCrMoV7 EN ISO 4957 X37CrMoV5-1 / X38CrMoV5-1 / X40CrMoV5-1 EN ISO 4957 X153-X155CrMoV12 ASTM A182/A336 F1-F11-F12-F5-F5A-F9-F21-F22-F22V-F91-F92 ASTM A508GR3 CL1-2 / GR4N CL1-2 / GR22CL3 ASTM A707GRL5 / A707Mod 3W AISI 4130-4140-4330-4340-8630 ASTM A707 Gr.L3</p>
STAINLESS STEELS	
<p>ASTM A182- F304 ; F316-L-H-N-LN-TI ASTM A182 – F317-L ; F321-H ; F347-H ASTM A182 – FXM-19 ; F904L ; F49 ASTM A182 – F51-F60 – F53 – F55 EN 10250-4 X12Cr13 – X20Cr13 – X30Cr13 EN 10250-4 X3CrNiMo13-4 – X4CrNiMo16-5-1</p>	<p>EN 10250-4 X5CrNiCuNb16-4 X15CrMo13 . 1.4419 ASTM A182 Gr. F6A- F6NM ASTM A564GR630 – A705GR630 – 17.4PH UNI EN 10088 X22CrMoV12</p>
SUPERALLOYS	
<p>Inconel®600 - Alloy 600 - UNS N06600 Inconel®625 - Alloy 625 - UNS N06625 Inconel®718 - Alloy 718 - 2.4668 - UNS N07718 Incoloy®800/800H/HT - Alloy 800/800H/HT - UNSN08800/N08810/N08811 Incoloy®825 - Alloy 825 - UNS N08825</p>	