



LOCATION



مؤسسة جيل التقنية للتجارة
JeelTech Trading Establishment



MECHANICAL AND INDUSTRIAL SUPPORT



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HAMMER UNIONS
PIPE FASTENERS
PIPE SUPPORTS
FLANGES
FITTINGS
VALVES
PIPES

WE ARE

JEELTECH TRADING ESTABLISHMENT IS ONE OF THE RENOWNED STOCKIEST FOR THE GLOBAL BRANDS IN THE INDUSTRIAL, ELECTRO, MECHANICAL, OIL AND GAS FIELD MATERIALS IN KINGDOM OF SAUDI ARABIA. WE HAVE BEEN SUPPLYING LEADING INTERNATIONAL BRANDS TO THE INDUSTRIES IN SAUDI ARABIA WITH THE FULLEST CLIENT SATISFACTION



FUELLED BY AN UNDYING PASSION TO PURSUE EXCELLENCE, WE REMAIN UNPARALLELED IN OUR FIELD FOR THE QUALITY AND DURABILITY OF THE MATERIALS WE SUPPLY.



WHY US

WE BELIEVE THAT WE WERE ABLE TO BE A SYNONYM FOR TRUST AND QUALITY. OUR EXPERIENCE IN THE FIELD ACCUMULATED OUR STRENGTH TO BE THE BEST IN THE MARKET

WE HAVE NO COMPROMISE IN QUALITY AND WE CONSIDER OUR CLIENTS AS THE MOST VALUED ASSET



THE BRANDS WE SUPPLY ARE THE BEST IN THE INDUSTRY WHICH HELPED US TO ENTER EACH AND EVERY CLIENT PREMISES WITH CONFIDENCE. WE ARE STRIVING HARD TO MAINTAIN THIS QUALITY OF RELATIONSHIP BY ALL MEANS. WE ARE ALWAYS ATTENTIVE TO YOUR WORDS AND COMMENTS AND WE ALWAYS CONSIDER WHAT YOU HAVE TO TELL US. SO, WE THANK YOU FOR YOUR TIME AND INTEREST IN JEELTECH TRADING EST



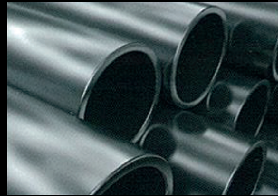
PIPES



SEAMLESS PIPES: ARE ALSO CALLED CDS PIPES (COLD DRAWN SEAMLESS PIPES). IT IS USED WIDELY IN MACHINING PARTS, SHAFTS, BEARINGS, CYLINDERS HAVING STRENGTH OF $\nu\delta\cdots$ PSI TENSILE. IT IS A SOLID CARBON STEEL ROD WHICH IS PUSHED ON TO THE MADREL TO FORM THE SHAPE OF TUBE IT IS AVAILABLE IN DHERENT SIZES.

WELDED PIPES: DURING THE 17TH CENTURY, ADVANCEMENTS WERE MADE IN STEEL PIPE - IN THE ECONOMY OF PRODUCTION AND THE QUALITY OF THE PRODUCT. NOTEWORTHY ARE THE MACHINES AND TECHNOLOGY FOR COLD-FORMING OF EXIBLE PIPE FROM COILS OF SHEET STEEL WITH AUTOMATED SPIRAL WELDS. GREAT STRIDES WERE MADE IN QUALITY CONTROL, TESTING, JOINTS AND PROTECTIVE COATINGS. WELDED STEEL PIPE IS AVAILABLE IN WIDE RANGES OF SIZES AND PROPERTIES OF THE STEEL.

CARBON STEEL PIPES



- ◆ **SIZE RANGE:** 2/1 TO 24
WALL THICKNESS: S - 20 TO S - XXS
SPEOPFICATION: AP15LB / A53 / AP15LX-24/
SA 100B/SA53B (HIGHER TEST AP15L-X,
ASTM A334 ARE AVAILABLE ON
REQUEST) GRADES
- ◆ **MAJOR SUPPLIERS:**
SUMITOMO METAL INDUSTRIES, JARAN
HIPON STEEL COFP
HIKO
TUBE INTER PIPE (UKRAIN)
NOVA HUT, CZECH REPUBLIC
SILICOTUR / PETROTUR POMNA
ISCOR, SAFRICA
TMK, RUSSIA
- ◆ **SIZE RANGE:** 1/2 TO 10 IN S - 80, S - 40
AND S - 160
- ◆ **SPECIFICATION:** A333 GRADE 6

MAJOR SUPPLIERS:
SLIMITOVIMO METAL INDUSTRIES, JAPAN
NIKO TUBE, UKRIN
SILICO TUBE, ROMANIA
TMK, RUSSIA

STAINLESS STEEL PIPES

- ◆ **SIZE RANGE:** 1/2 TO 6
WALL THICKNESS: S - 10
S 40 TO S - 80
GRADE: 304 / L, 316/L
- ◆ **MAJOR SUPPLIERS:**
SUMITOMO METAL INDUSTRIES,
JAPAN

WELDED STAINLESS STEEL PIPES



- ◆ **SIZE RANGE:** 2/1" TO 8"
WALL THICKNESS: S - 10, S -
40 TO - S80
- ◆ **GRADE:**
304/L, 316/L
(HIGHER TEST GRADES
"AP15L-X" ARE AVAILABLE
ON REQUEST)
- ◆ **MAJOR SUPPLIERS:**
*TA CHEN
*TAIWAN

SAW: SUBMERGED ARC WELDED



- ◆ **SIZE RANGE:** 26" TO 36" SAW
WALL THICKNESS: S-STD
& S-XS
- ◆ **SPECIFICATION:** AP15LB / A53B
(HIG S "AP15L-X" ARE
AVAILABLE ON REQUEST)
- ◆ **MAJOR SUPPLIERS:**
*SUMITOMO METAL INDUSTRIES
JAPAN
*SEAH STEEL KOREA

GALV'D SMLS PIPES



- ◆ **SIZE RANGE:** 1/2" TO 6"
WALL THICKNESS: S - 40 & S60-
- ◆ **SPECIFICATION:** AP15LB/A 106 B/
SA53B
- ◆ **MAJ OR SUPPLIERS:**
*SUMITOMO METAL INDUSTRIES,
JAPAN

ERW: ELECTRIC RESISTANCE WELDED



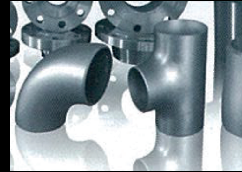
- ◆ **SIZE RANGE:** 2/1" TO 20
WALL THICKNESS: S10- & S-XS
- ◆ **SPECIFICATION:** AP15LB/A53B (HIGHER
TEST GRADES "AP15L-X" ARE
AVAILABLE ON REQUEST)
- ◆ **MAJ OR SUPPLIERS:**
*SSP, SAUDI ARABIA
*AL JAZEERAH, OMAN
- ◆ **SPECIFICATIONS:**
SIZE RANGE: 2/1 TO 10 IN ERW
WALL THICKNESS: S40-
- ◆ **SPECIFICATIONS:** ASTM A120A / A53A
- ◆ **MAJOR SUPPLIERS:**
* Y. L. TAIWAN
* Y. S. TAIWAN

FITTINGS



THESE ARE THE BUTT-WELDING PIECES TO BE USED IN PLANTS /INSTALLATION AS COMPONENTS WHICH AS MEDIA TO CONVEY THE SERVICES. FOR SEVERAL DECADES, THE WORLD OVER, FROM THE VAST ON-SHORE PLANTS IN MIDDLE & FAR EAST TO ADVANCE NORTH SEA OILRIGS & OTHER INSTALLATIONS BUTT-WELD FITTINGS HAVE BEEN ON TARGET WITH ADEQUATE AND EXIBLE SOLUTIONS.

BUTT-WELD FITTINGS



COMMON TYPES:

- ◆ LONG RADIUS 45 & 90 ELBOWS
- ◆ LONG RADIUS 180 RETURNS
- ◆ SHORT RADIUS 45 & 90 ELBOWS
- ◆ SHORT RADIUS 180 RETURNS
- ◆ STRAIGHT TEES
- ◆ REDUCING TEES
- ◆ CONCENTRIC REDUCERS
- ◆ ECCENTRIC REDUCERS
- ◆ CROSSES
- ◆ CAPS
- ◆ BENDS 3D & 5D



COMMON MATERIALS:

- ◆ CARBON STEELS = SA234 WPB
- ◆ HIGH YIELD CARBON STEEL = MSS-SP75 WPHY -52-46-42 60-65-70
- ◆ CARBON LOW ALLOY STEELS = SA420 WPL6
- ◆ STAINLESS STEELS AUSTENITIC FOR HIGH TEMPERATURE SERVICES = SA 403 WP304/WP304L/WP304H/WP316/WP316L/WP347,
- ◆ LOW ALLOY STEELS FOR HIGH TEMPERATURE SERVICES = SA234 WP1, WP11, WP22,
- ◆ ALL OTHER SPECIAL GRADES OF STEELS EXOTIC MATERIALS ARE AVAILABLE ON REQUEST.

COMMON DIMENSION:

STANDARDS:
ASME B169, B1628MSS-SP75/43

COMMON SIZES RANGE:

1/2" TO 48" (IN ALL SCHEDULES)
LARGER SIZES ARE AVAILABLE ON REQUEST BASES

GROOVED PIPE FITTINGS



THESE ARE DESIGNED SPECIFICALLY FOR USE IN GROOVED PIPING SYSTEMS WE SUPPLY A BROAD LINE OF GROOVED FITTINGS IN SIZES THROUGH 1" TO 12" IN A VARIETY OF STRAIGHT AND REDUCING STYLES. MOST GROOVE D FITTINGS ARE CAST IN DURABLE IRON TO PRECISE TOLERANCES.

COMMON TYPES:

WE OFFER A BROAD LINE OF GROOVED FITTINGS IN SIZES 1" TO 12" IN A VARIETY OF STRAIGHT AND REDUCING STYLES. STANDARD FITTINGS ARE STEEL, SEGMENTALLY WELDED STEEL OR DUCTILE IRON DEPENDING ON STYLES AND SIZE. THE GROOVED DESIGN PERMITS FLEXIBILITY FOR EASY ALIGNMENT.

SUPPLIERS

- ◆ NATIONAL GROOVED, INDIA
- ◆ SHURJOINT, TAIWAN
- ◆ LEDE, CHINA

UL /FM VALVES



WE OFFER A FULL OF UL /FM APPROVED VALVES

TYPES OF VALVES

- ◆ GATE VALVE
- ◆ CHECK VALVE
- ◆ STRAINER
- ◆ SWING CHECK VALVE

BRANDS

- ◆ MUELLER, USA
- ◆ GALA, USA
- ◆ MATCO
- ◆ EVERMETAL

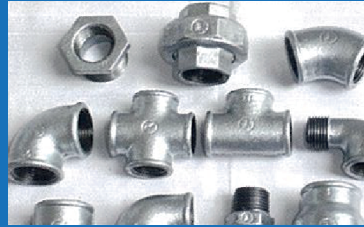
MALLEABLE IRON (MI) PIPE FITTINGS

DEFINITION AND APPLICATIONS:

A CAST IRON MADE BY PROLONGED ANNEALING OF WHITE IRON FOLLOWING WITH MANY PROCESS RESULTS IN THE FORMATION OF MALLEABLE IRON. MALLEBLE IRON FITTINGS ARE USED FOR DOMESTIC AND INDUSTRIAL APPLICAATIONS, IN MACHINE AND PLANT ENGINEERINF AND EVEN IN THE FIELD OF CONSTRUCTION FROM MANY YEARS.

COMMON TYPES :

GALVANISE MALLEABLE IRON FITTING
NPT, BSPT AND ANSI #150 AND #300
ELBOW 90, ELBOW 45
STRAIGHT ELBOW, REDUCING ELBOW,
TEE, REDUCING TEE,
CAP, UNION, HEX NIPPLE
PLUG, COUPLING
REDUCING COUPLING
BUSHING



FORGED STEEL (FS) FITTINGS

DEFINITION AND APPLICATIONS

THESE ARE FORGED MATERIALS. FORGING INVOLVES THE USE OF MACHINERY WITH A HAMMERING OR PRESSING ACTION TO CONVERT IRON OR STEEL BARS OR OTHER BASIC SHAPES INTO A PREDETERMINED FORM. MOST FORCED SHAPES ARE SUBSEQUENTLY MACHINED TO YIELD THE FINAL PRODUCT FORCED FITTINGS ARE USED WIDELY FROM PAST MANY DECADES IN ADES THE FIELD OF OIL FOIL AND GAS PETROCHEMICAL, AND MANY OTHER PLANT INSTALLATION IN MANY COUNTRIES OVER THE WORLD.

COMMON TYPES

ELBOW 45/90 DECREE
TEE, REDUCING TEE
CAP, UNIONS.
PLUGS(ROUND, HEX, SQUARE HEADS)
PLUGS ROUND HEAD 3 LONG.
HEX NIPPLES
COUPLING-FULL/HALF.
REDUCING COUPLINGS.
BUSHINGS
SWAGE NIPPLES
PIPE NIPPLES
OLETS



QUALITY

RELIABILITY

INTEGRITY

BLACK MALLEABLE IRON FITTING

COMMON MATERIALS:

MALLEABLE IRON-ASTM A 17 9
COMMON DIMENSION:

STANDARDS:

ANSI B2.1,BS21 AND DIN 29 9 9
FOR 150#.

ANSI B2.1 AND BS21 FOR 300#.

SIZE RANGE

1/8" TO 6" FOR 150# MATERIALS
1/2" TO 2" FOR 300# MATERIALS.

MAJOR SUPPLIER:

HITACHI JAPAN



COMMON DIMENSION:

STAN DARDS:

NPT OR SW
CLASS #3000
SWAGES-CENTRIC, ECCENTRIC,
S-80 , S-160
S-XXS, TBE PBE, BBE,
PLEXTSE, TLEXPSE,BLEXTSE,BLEXPSE.
PIPE NIPPLES-S-40,S-STD,S-80,
S-160, TBE PBE, TOEXPOE.
OLETS-SOCKET TYPE, WELDED TYPE,
THREADED TYPE.

COMMON MANUFACTURING STANDARD:

ASME B16.11



SIZE RANGE:

FROM 1/8 TO 4 IN CS MATERIALS.
FROM 1/4 TO 2 IN SS MATERIALS

MAJOR SUPPLIERS:

MAGA , ITALY
DELCORTE, FRANCE
ULMA, SPAIN
IML, ITALY

FLANGES



A FLANGE IS AN EXTERNAL OR INTERNAL RIDGE, OR RIM (LIP), FOR STRENGTH FOR ATTACHMENT TO ANOTHER OBJECT.

THERE ARE MANY DIFFERENT FLANGE STANDARDS TO BE FOUND WORLDWIDE. TO ALLOW EASY FUNCTIONALITY AND INTER-CHANGEABILITY, THESE ARE DESIGNED TO HAVE STANDARDIZED DIMENSIONS. COMMON WORLD STANDARDS INCLUDE ASA / ANSI / ASME (USA), PN / DIN (EUROPEAN), BSI (BRITISH / AUSTRALIAN), AND JIS / KS (JAPANESE / KOREAN). IN MOST CASES THESE ARE NOT INTERCHANGEABLE (E.G. AN ANSI / ASME RANGE WILL NOT MATE AGAINST A JIS RANGE). FURTHER, MANY OF THE FLANGES IN EACH STANDARD ARE DIVIDED INTO "PRESSURE CLASSES", ALLOWING FLANGES TO BE CAPABLE OF TAKING DIFFERENT PRESSURE RATINGS.

THE RANGE FACES ARE ALSO MADE TO STANDARDIZED DIMENSIONS AND ARE TYPICALLY AT FACE, RAISED FACE, TONGUE AND GROOVE, OR RING JOINT STYLES, ALTHOUGH OTHER OBSCURE STYLES ARE POSSIBLE

DEFINITION AND APPLICATIONS:

THESE ARE THE FORGED / ROLLED, MACHINED PIECES TO BE USED IN PLANTS / INSTALLATION COMPONENTS AS A FASTENING / CONNECTING / ASSEMBLING SERVICE CONVEYING MEDIA. FOR SEVERAL DECADES, THE WORLD OVER, FROM THE VAST ON-SHORE PLANTS IN MIDDLE & FAR EAST TO ADVANCE NORTH SEA OIL RIGS & OTHER INSTALLATIONS FLANGES HAVE BEEN ON TARGET WITH ADEQUATE AND FLEXIBLE SOLUTIONS.

COMMON DIMENSION

STANDARDS:

- ◆ SIZE STANDARDS = #150 #300 #400 #600 #900 #1500 & #2500 (LOW & HIGH WT)
- ◆ MANUFACTURING STANDARDS = ASME B16.5, B16.47 SERIES A & B, AWWA, DIN

COMMON SIZES RANGE:

- ◆ 1/2" TO 48" (IN ALL SCHEDULES)
- ◆ LARGER SIZES ARE AVAILABLE ON REQUEST BASES

MAJOR SUPPLIERS

- ◆ PRECISION FORGINGS, SAUDI ARABIA
- ◆ ULMA FORJA, SPAIN
- ◆ MELESI, ITALY
- ◆ METALFAR, ITALY
- ◆ KOFKO, KOREA
- ◆ WGI, GERMANY
- ◆ MGI, FRANCE
- ◆ NEUMIRA, SPAIN

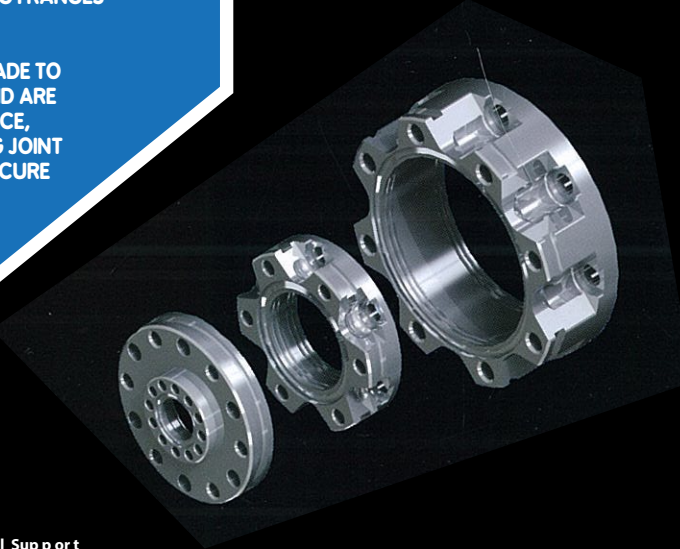
COMMON TYPES:

- ◆ WELDING NECK
- ◆ SLIP ON
- ◆ BLIND
- ◆ SOCKET WELD
- ◆ LAP JOINT
- ◆ THREADED
- ◆ REDUCING
- ◆ LONG WELDING NECK
- ◆ ORIFICE
- ◆ DRIP RINGSW
- ◆ SPECTACLES PLATES
- ◆ SPACERS/SPADE

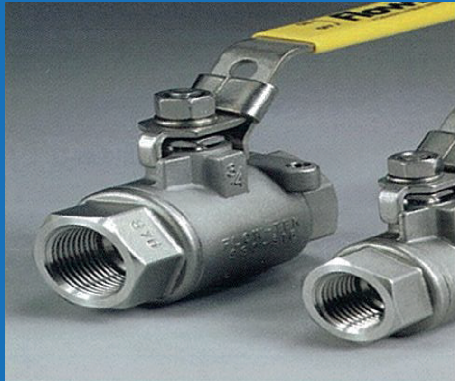


COMMON TYPES:

- ◆ CARBON STEELS = SA105N
- ◆ HIGH YIELD CARBON STEEL = SA694
F42/F46/F52/F60/F65
- ◆ CARBON LOW ALLOY STEELS = SA350/
LF1/LF2/LF3/LF6, SA707L5
- ◆ STAINLESS STEELS AUSTENITIC FOR HIGH
TEMPERATURE SERVICES = SA182/
F304/F304L/F304H/F316/F316L/F347.,
- ◆ LOW ALLOY STEELS FOR HIGH TEMPERATURE
SERVICES = SA182/F5/F11.,
- ◆ ALL OTHER SPECIAL GRADES OF STEELS
EXOTIC MATERIALS ARE AVAILABLE
ON REQUEST



VALVES



A VALVE IS A DEVICE THAT REGULATES, DIRECTS OR CONTROLS THE FLOW OF A FLUID (GASES, LIQUIDS, FLUIDIZED SOLIDS, OR SLURRIES) BY OPENING, CLOSING, OR PARTIALLY OBSTRUCTING VARIOUS PASSAGEWAYS. VALVES ARE TECHNICALLY VALVE FITTINGS, BUT ARE USUALLY DISCUSSED AS A SEPARATE CATEGORY. IN AN OPEN VALVE, FLUID FLOWS IN A DIRECTION FROM HIGHER PRESSURE TO LOWER PRESSURE

DEFINITION AND APPLICATION

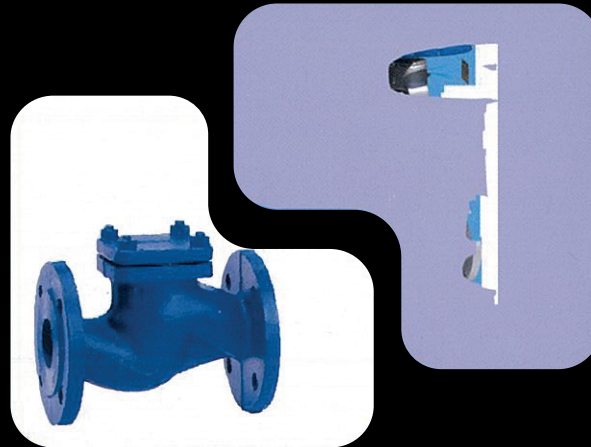
VALVES ARE DEVICES THAT CONTROL THE MOVEMENT OF LIQUIDS OR GASES THROUGH PIPING OR OTHER PASSAGES BY OPENING OR CLOSING PORTS AND CHANNELS

COMMON MATERIALS:

CARBON STEELS 105 AND ASME SA216 GRADE WCB
STAINLESS STEEL CF8M, LF2 , 204 , 316
CAST IRON
BRONZE

COMMON PRESSURE RATINGS:

- ◆ # 150 TO 800 #
- ◆ COMMON SIZES RANGE:
2/1" TO 14" (IN ALL SCHEDULES)
LARGER SIZES ARE AVAILABLE
ON REQUEST BASES.
- ◆ COMMON END CONNECTION:
NPT
SW
FLANGED



COMMON TYPES OF VALVES

- ◆ GATE VALVES
- ◆ BALL VALVES
- ◆ CHECK VALVES
- ◆ BUTTERFLY VALVES
- ◆ GLOBE VALVES
- ◆ Y STRAINER
- ◆ BALANCING VALVES



MAJOR SUPPLIERS

- ◆ VELAN, CANADA
- ◆ OMB, ITALY
- ◆ KITZ, JAPAN
- ◆ WATTS, USA
- ◆ AVK
- ◆ HATTERSLY
- ◆ FLOTEK
- ◆ NIBCO

PIPE SUPPORTS & FASTENERS



PIPE SUPPORTS ARE DESIGNED TO SUPPORT INSULATED OR NON-INSULATED PIPES ALLOWING VERTICAL ADJUSTMENT AND LIMITED MOVEMENT IN THE PIPING SYSTEM. A WIDE RANGE OF PIPE SUPPORTS ARE AVAILABLE FOR VARIOUS APPLICATIONS INCLUDING, CLEVIS HANGER, LOOP HANGER, J-HANGER, BELL HANGER, WIRE PIPE HANGER, MILFORD HANGER, DWV PIPE HANGER...ETC. PIPE FASTENERS ARE DESIGNED FOR SUPPORT AND ATTACHMENT OF PIPE TO STRUCTURAL MEMBERS. A WIDE RANGE OF PIPE SUPPORTS ARE AVAILABLE FOR VARIOUS APPLICATIONS.

RUBBER SUPPORT INSERTS

- ◆ MATERIAL COMPOUNDED RUBBER
- ◆ DENSITY: 1400KG/M³
- ◆ THERMAL CONDUCTIVITY: 0.16W/M°C
- ◆ VERY HIGH LOAD BEARING CAPACITY
- ◆ TONQUE AND GROOVE DESIGN FOR SMALL SIZE
- ◆ EXCELLENT RESISTANCE TO DETERIORATION OR DISTORTION
- ◆ USED AT THE SUPPORTING POINTS OF INSULATED PIPES TO PREVENT CRUSHING OF INSULATION
- ◆ DIFFERENT THICKNESS (T) IS AVAILABLE (13MM, 19MM, 25MM, 50MM)
- ◆ STANDARD WIDTH FOR RUBBER SUPPORT INSERTS

1/2" TO 2" ... 25MM
25" TO 5" ... 38 MM
6" TO ABOVE ... 50 MM



NUTS

- ◆ COLD FORCED HEX HEAD NUT
- ◆ MACHINED HEX NUT
- ◆ MACHINED SLOTTED & CASTLE NUT
- ◆ NYLOCK NUT

AVAILABLE IN DIFFERENT DIAMETERS



MACHINED & PUNCHED WASHERS

- ◆ DIAMETER: 1/4" TO 2 1/2"
- ◆ IS: 2016



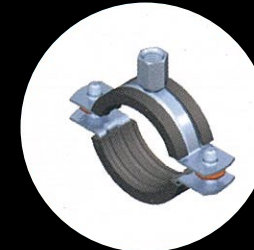
COLD FORGED HEX HEAD BOLT

- ◆ DIAMETER: 1/4 TO 1"
- ◆ LENGTH: 1 1/4 " TO 8"
- ◆ THREAD: METRIC, UNC, UNF, BSW, BSF
- ◆ IS: 1363/IS: 1364



SINGLE PIPE ROLLER SUPPORT

- ◆ DESIGNED FOR SUSPENDING PIPE WHERE LONGITUDINAL MOVEMENT AND VERTICAL ADJUSTMENT ARE REQUIRED.
- ◆ MATERIAL: STEEL AXLE WITH CAST IRON ROLLER
- ◆ FINISH: PLAIN OR HOT DIPPED GALVANIZED
- ◆ COMPLIES WITH FEDERAL SPECIFICATION WW-H171-E AND AMERICAN MANUFACTURERS STANDARDIZATION SOCIETY MSS SP69- & SP58



STUDS & THREADED RODS

- ◆ DIAMETER: 1/4" TO 2 1/2"
- ◆ LENGTH: 1" TO 80"
- ◆ THREAD: METRIC, UNC, UNF, BSW, BSF
- ◆ IS: 1882



WIKA



A COMPANY FOUNDED IN 1946, IS WORLD MARKET LEADER IN PRESSURE, TEMPERATURE, AND LEVEL MEASUREMENT INSTRUMENTATION, WIKA'S QUALITY MANAGEMENT SYSTEM HAS BEEN CERTIFIED TO ISO 9001

ENGINEERING CENTERS AND MANUFACTURING FACILITIES IN THE UNITED STATES, GERMANY, BRAZIL, CHINA, INDIA, CANADA, SWITZERLAND AND SOUTH AFRICA DELIVER MORE THAN 43 MILLION QUALITY PRODUCTS IN MORE THAN 100 COUNTRIES EVERY YEAR APPROXIMATELY 350 MILLION WIKA PRESSURE AND TEMPERATURE MEASUREMENT DEVICES ARE USED THROUGHOUT THE WORLD

PRESSURE GAUGES FOR RELATIVE PRESSURE

BOURDON TUBE PRESSURE GAUGES, INCREASED CORROSION RESISTANCE THE APPLICATION AREAS FOR THESE GAUGES, MANUFACTURED ENTIRELY IN STAINLESS STEEL, ARE GASEOUS AND LIQUID AGGRESSIVE MEDIA THAT ARE NOT HIGHLY VISCOUS OR CRYSTALLISING, ALSO INAGGRESSIVE AMBIENCE. THEY ARE SUITABLE FOR SCALE RANGES FROM 0.6...0 TO 7,000...0 BAR

DEPENDENT UPON THE PRESSURE RANGE AND THE INSTRUMENT TYPE, OVER PRESSURE SAFETY OF UP TO A MAXIMUM OF 5 FULL SCALE VALUE IS POSSIBLE. TO THIS POINT, THE MEASURING ACCURACY IS MAINTAINED. LIQUID FILLING THE CASE ENSURES A PRECISE INSTRUMENT DISPLAY WITH HIGH DYNAMIC PRESSURE LOADS AND VIBRATIONS

STAINLESS STEEL SAFETY VERSION



232.30

- ◆ NOMINAL SIZE: 160, 100, 63 MM
- ◆ SCALE RANGE: 1...0 TO 1,000...0 BAR (NS 63)
0...0.6 TO 0...1,000 BAR (NS 100)
0...0.6 TO 0...1,600 BAR (NS 100)
- ◆ ACCURACY CLASS: 1.6/1.0 (NS 63)
- ◆ INGRESSION PROTECTION: IP65
- ◆ DATA SHEET: PM 02.04

STAINLESS STEEL VERSION



232.50

- ◆ NOMINAL SIZE: 60, 100, 160 MM
- ◆ SCALE RANGE: 0...0.6 TO 0...1000 BAR (NS 63)
0...0.6 TO 0...1000 BAR (NS 100)
0...0.6 TO 0...1600 BAR (NS 160)
- ◆ ACCURACY CLASS: 1.6/1.0 (NS 63)
- ◆ INGRESSION PROTECTION: IP65
- ◆ DATA SHEET: PM 02.02

STAINLESS STEEL VERSION



131.11

- ◆ NOMINAL SIZE: 40, 50, 63 MM
- ◆ SCALE RANGE: 0...1 TO 0...1000 BAR
- ◆ ACCURACY CLASS: 2.5
- ◆ DATA SHEET: PM 01.05

STAINLESS STEEL CASE WITH LIQUID FILLING



213.53

- ◆ NOMINAL SIZE: 63, 100, 160 MM
- ◆ SCALE RANGE: 0...1 TO 0...400 BAR (NS 50)
- ◆ ACCURACY CLASS: 1.6/1.0 (NS 63)
- ◆ INGRESSION PROTECTION: IP65
- ◆ DATA SHEET: PM 02.012

SAFETY VERSION FOR HIGH PRESSURE



222.30

- ◆ NOMINAL SIZE: 160 MM
- ◆ SCALE RANGE: 0...2000 TO 0...7000 BAR
- ◆ ACCURACY CLASS: 1.5
- ◆ DATA SHEET: PM 02.09

STANDARD VERSION



111.10

- ◆ NOMINAL SIZE: 40, 50, 63, 80, 100, 160 MM
- ◆ SCALE RANGE: 0...0.6 TO 0...400 BAR
- ◆ ACCURACY CLASS: 2.5
- ◆ DATA SHEET: PM 01.01

BIMETAL THERMOMETER

MODEL 46

DOMESTIC AND INDUSTRIAL HEATING



NOMINAL SIZE: 50 , 63 , 80 MM
 SCALE RANGE: UP TO: 0...+120° C
 PRESSURE RATING MA. IN BAR OF
 THERMOWELL/STEM:6
 WETTED PARTS: CU-ALLOY
 DATA SHEET: TM 46.02

MODEL 50

STANDARD SERIES



NOMINAL SIZE: 63 , 80,100,180 MM
 SCALE RANGE: UP TO: 0...+120° C
 PRESSURE RATING MA. IN BAR OF
 THERMOWELL/STEM:6
 WETTED PARTS: CU-ALLOY
 DATA SHEET: TM 50.03

MODEL 48

AIR CONDITIONING



NOMINAL SIZE: 63 , 80, 100,160 MM
 SCALE RANGE: UP TO: -30...+120 ° C
 WETTED PARTS: CU-ALLOY
 DATA SHEET: TM 48.02

MODEL 52

INDUSTRIAL SERIES, AXIAL & RADIAL



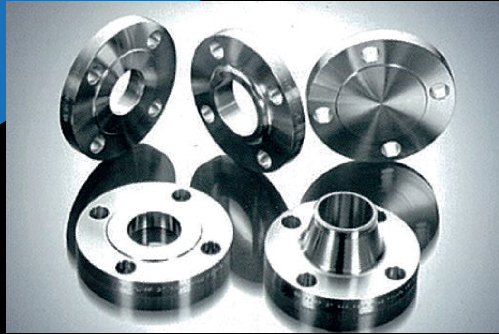
NOMINAL SIZE: 25 , 33,40,50,63,80,100,
 160MM
 SCALE RANGE: UP TO: -30...50 TO: 0...500° C
 PRESSURE RATING MA. IN BAR OF
 THERMOWELL/STEM:5
 WETTED PARTS: STAINLEES STEEL 1.4571
 DATA SHEET: TM 52.01

OUR BRANDS





مؤسسة جيل التقنية للتجارة
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