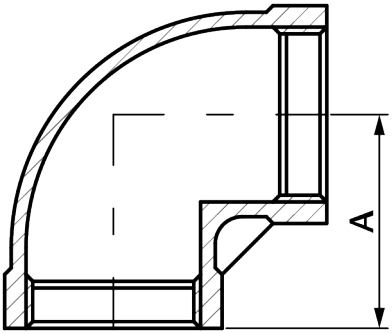
Fittings

It's all at Albion

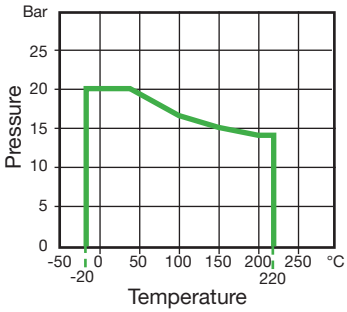
90E
90° Elbow

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	Kgs
1/8"	17.0	0.020
1/4"	19.0	0.026
3/8"	23.0	0.044
1/2"	27.0	0.070
3/4"	32.3	0.108
1"	38.3	0.185
1 1/4"	45.0	0.285
1 1/2"	48.0	0.397
2"	57.0	0.522
2 1/2"	69.1	0.979
3"	78.2	1.366
4"	96.0	2.431



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

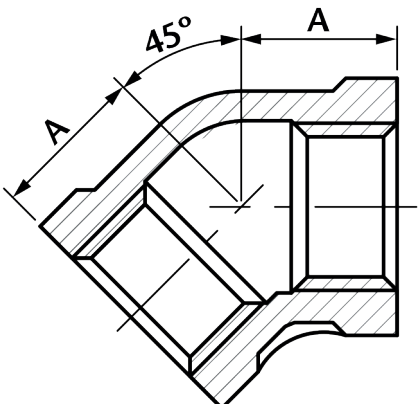
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

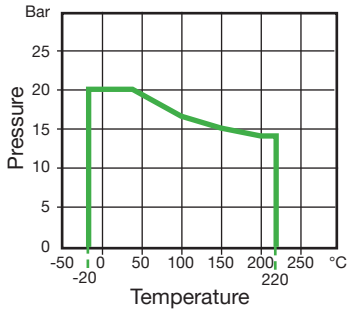
45E
45° Elbow

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	Kgs
1/8"	17.0	0.020
1/4"	17.0	0.025
3/8"	20.0	0.038
1/2"	22.0	0.068
3/4"	25.0	0.096
1"	30.0	0.164
1 1/4"	33.5	0.236
1 1/2"	37.5	0.312
2"	43.5	0.468
2 1/2"	49.5	0.775
3"	54.0	1.140
4"	64.0	1.867



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

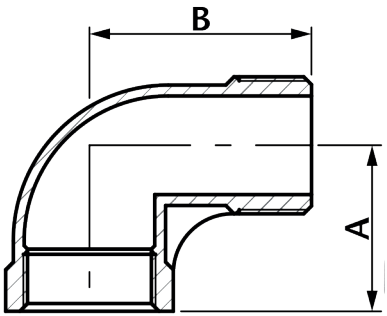
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

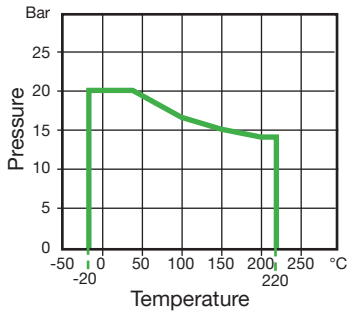
90MF
90° M/F Elbow

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Female thread is to BSP Parallel (ISO 7/1) & male thread to BSP Taper (ISO 7/1), or both to NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	Kgs
1/8"	17.0	24.2	0.020
1/4"	19.0	27.5	0.032
3/8"	22.0	32.0	0.044
1/2"	27.5	37.8	0.076
3/4"	32.5	42.3	0.113
1"	38.5	51.1	0.194
1 1/4"	45.0	54.0	0.277
1 1/2"	48.0	63.7	0.360
2"	57.0	70.0	0.605
2 1/2"	69.5	83.0	0.919
3"	78.0	94.0	1.583
4"	97.0	115.0	2.696



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

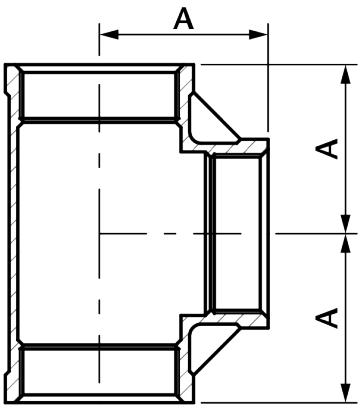
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

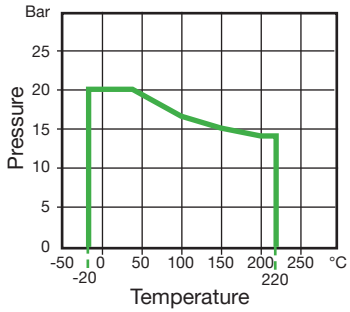
ET
Equal Tee

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	Kgs
1/8"	17.0	0.028
1/4"	19.0	0.037
3/8"	23.0	0.063
1/2"	27.0	0.107
3/4"	32.0	0.158
1"	38.0	0.256
1 1/4"	45.0	0.371
1 1/2"	48.0	0.514
2"	57.0	0.692
2 1/2"	69.0	1.237
3"	78.0	1.756
4"	96.0	3.145



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

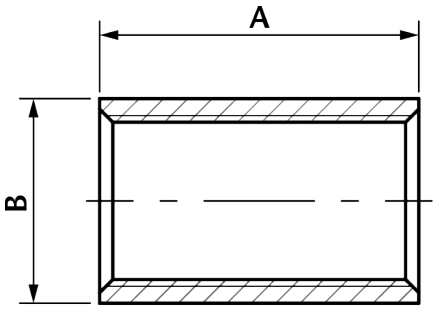
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

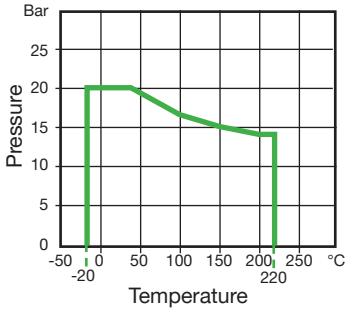
FS
Full Socket OD Machined

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	Kgs
1/8"	17.0	13.5	0.009
1/4"	24.0	16.7	0.021
3/8"	25.0	20.4	0.029
1/2"	32.0	24.9	0.045
3/4"	35.0	30.0	0.057
1"	41.0	37.8	0.101
1 1/4"	46.8	47.0	0.175
1 1/2"	46.8	53.0	0.193
2"	54.5	65.7	0.331
2 1/2"	63.0	82.0	0.505
3"	69.0	95.8	0.722
4"	81.0	121.5	1.061



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

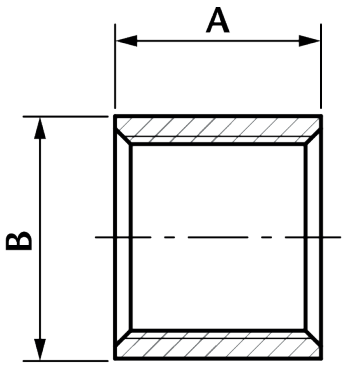
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

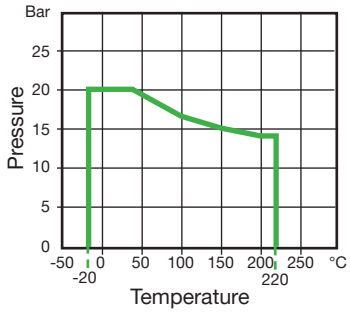
HS
Half Socket OD Machined

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	Kgs
1/8"	9.0	13.5	0.005
1/4"	13.0	16.7	0.011
3/8"	13.0	20.4	0.014
1/2"	16.0	24.9	0.022
3/4"	18.0	30.0	0.036
1"	21.0	37.8	0.052
1 1/4"	23.5	47.0	0.086
1 1/2"	23.5	53.0	0.098
2"	27.5	65.7	0.152
2 1/2"	31.5	82.0	0.25
3"	34.5	95.8	0.367
4"	40.5	121.5	0.533



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

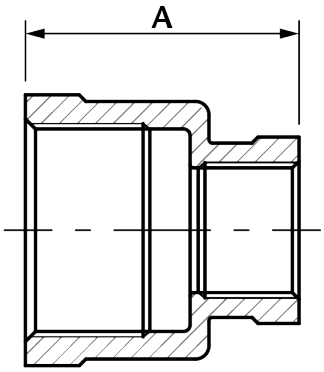
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

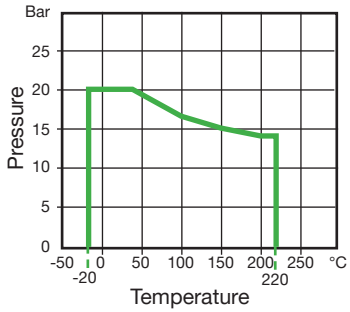
RS
Reducing Socket

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	Kgs
1/4" x 1/8"	26.0	0.029
3/8" x 1/4"	30.0	0.042
1/2" x 1/4"	34.0	0.055
1/2" x3/8"	34.0	0.052
3/4" x 1/2"	37.0	0.085
1" x 1/2"	42.0	0.115
1" x 3/4"	42.0	0.136
1 1/4" x 1/2"	48.0	0.168
1 1/4" x 3/4"	48.5	0.175
1 1/4" x 1"	48.5	0.194
1 1/2" x 3/4"	52.0	0.221
1 1/2" x 1"	52.0	0.225
1 1/2" x 1 1/4"	52.5	0.245
2" x 1"	57.0	0.242
2" x 1 1/4"	58.0	0.363
2" x 1 1/2"	58.0	0.372



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

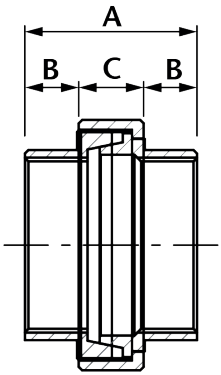
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

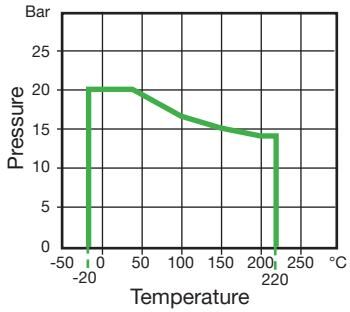
CSU
Conical Seat Union

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	Kgs
1/8"	31.0	9.00	13.0	0.056
1/4"	34.0	10.25	13.5	0.064
3/8"	37.0	11.00	15.0	0.092
1/2"	40.0	11.85	16.3	0.138
3/4"	43.0	12.85	17.3	0.206
1"	50.5	15.10	20.3	0.267
1 1/4"	54.5	16.10	22.3	0.471
1 1/2"	58.0	16.90	24.2	0.516
2"	65.5	19.15	27.2	0.845
2 1/2"	75.0	22.75	29.5	1.395
3"	83.5	26.25	31.0	1.670
4"	111.0	38.50	34.0	2.520

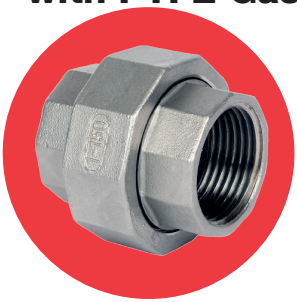


Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

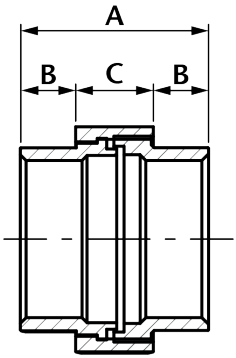
V2. Dimensions in mm

FFU
Flat Face Union with PTFE Gasket

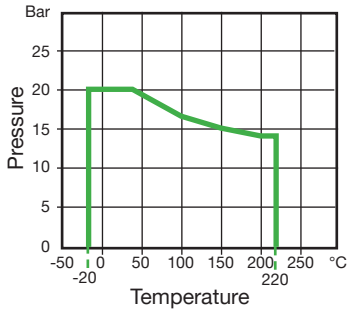


Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	Kgs
1/8"	30.5	8.75	13.00	0.055
1/4"	34.5	10.35	13.80	0.083
3/8"	37.0	11.00	15.00	0.105
1/2"	40.6	12.05	16.50	0.116
3/4"	43.5	12.75	18.00	0.198
1"	51.5	15.55	20.40	0.265
1 1/4"	54.5	16.00	22.50	0.406
1 1/2"	58.0	17.00	24.00	0.483
2"	66.0	19.50	27.00	0.814
2 1/2"	75.3	22.90	29.50	1.435
3"	83.3	26.15	31.00	1.847
4"	110.3	38.15	34.00	3.124



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

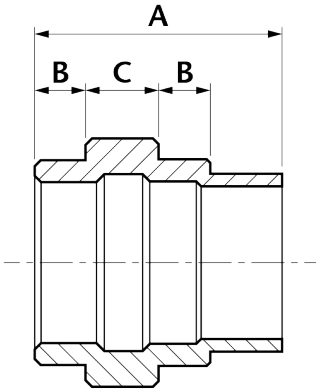
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

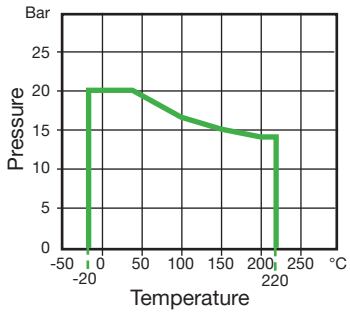
CSUMF
Conical Seat Union
Male / Female

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Female thread is to BSP Parallel (ISO 7/1) & male thread to BSP Taper (ISO 7/1), or both to NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	Kgs
1/4"	44.8	10.3	13.5	0.072
3/8"	48.3	11.0	15.0	0.123
1/2"	54.8	11.9	16.3	0.159
3/4"	58.8	12.9	17.3	0.234
1"	68.8	15.1	20.3	0.313
1 1/4"	75.5	16.1	22.3	0.541
1 1/2"	79.0	16.9	24.2	0.615
2"	91.0	19.2	27.2	1.009



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

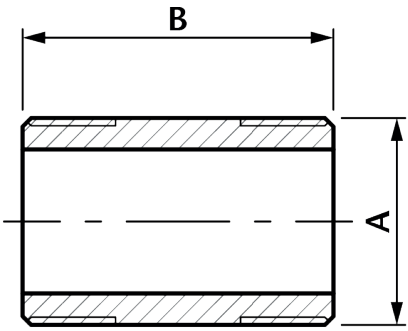
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

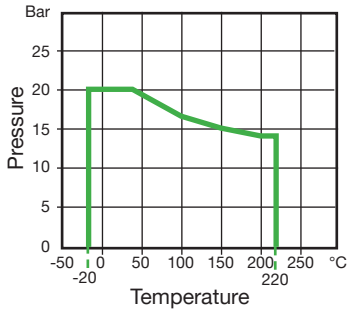
BN
Barrel Nipple

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	Kgs
1/8"	10.2	30	0.009
1/4"	13.5	30	0.012
3/8"	17.2	40	0.024
1/2"	21.3	60	0.063
3/4"	26.9	60	0.083
1"	33.7	60	0.120
1 1/4"	42.4	80	0.211
1 1/2"	48.3	80	0.256
2"	60.3	100	0.440
2 1/2"	76.1	100	0.690
3"	88.9	120	1.160
4"	114.3	120	1.477



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

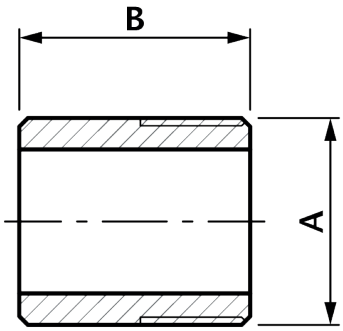
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

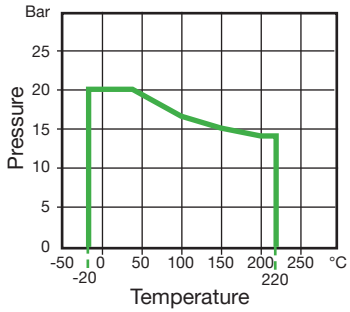
WN
Weld Nipple

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	Kgs
1/8"	10.2	30	0.010
1/4"	13.5	30	0.016
3/8"	17.2	30	0.020
1/2"	21.3	35	0.037
3/4"	26.9	40	0.057
1"	33.7	40	0.085
1 1/4"	42.4	50	0.118
1 1/2"	48.3	50	0.164
2"	60.3	50	0.022
2 1/2"	76.1	60	0.422
3"	88.9	70	0.640
4"	114.3	80	1.033



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

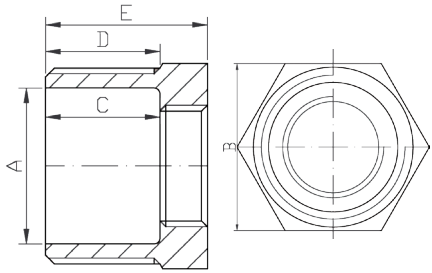
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

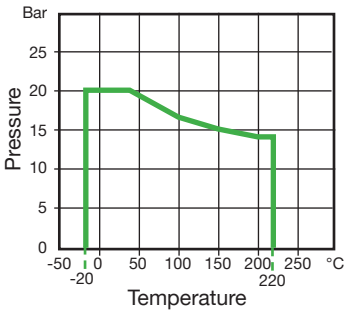
V2. Dimensions in mm

RB
Hexagon Reducing Bush

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Female thread is to BSP Parallel (ISO 7/1) & male thread to BSP Taper (ISO 7/1), or both to NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.





Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

DN	A	B	C	D	E	Kgs
1/4” x 1/8”	8.4	15.0	12.0	12.5	19.0	0.013
3/8” x 1/8”	11.0	19.0	13.0	14.0	20.3	0.023
3/8” x 1/4”	11.0	19.0	10.0	14.0	20.3	0.021
1/2” x 1/8”	15.0	22.5	17.0	17.0	23.7	0.037
1/2” x 1/4”	15.0	22.5	15.0	17.0	23.7	0.035
1/2” x 3/8”	15.0	22.5	14.0	17.0	23.7	0.031
3/4” x 1/4”	20.5	29.0	16.4	18.0	26.0	0.066
3/4” x 3/8”	20.5	29.0	16.3	18.0	26.0	0.059
3/4” x 1/2”	20.5	29.0	15.8	18.0	26.0	0.048
1” x 1/4”	26.0	25.5	18.5	19.0	27.0	0.101
1” x 3/8”	26.0	35.5	18.0	19.0	27.0	0.095
1” x 1/2”	26.0	35.5	17.4	19.0	27.0	0.081
1” x 3/4”	26.0	35.5	13.6	19.0	27.0	0.067
1 1/4” x 1/2”	34.5	43.6	20.2	20.5	30.0	0.143
1 1/4” x 3/4”	34.5	43.6	18.2	20.5	30.0	0.141
1 1/4” x 1”	34.5	43.6	16.0	20.5	30.0	0.121
1 1/2” x 1/2”	40.0	51.0	22.0	22.0	31.0	0.206
1 1/2” x 3/4”	40.0	51.0	20.0	22.0	31.0	0.197
1 1/2” x 1”	40.0	51.0	17.0	22.0	31.0	0.185
1 1/2” x 1 1/4”	40.0	51.0	15.5	22.0	31.0	0.129
2” x 1/2”	51.0	62.4	26.0	26.0	35.0	0.318
2” x 3/4”	51.0	62.4	23.0	26.0	35.0	0.325
2” x 1”	51.0	62.4	21.0	26.0	35.0	0.328
2” x 1 1/4”	51.0	62.4	20.0	26.0	35.0	0.274
2” x 1 1/2”	51.0	62.4	17.8	26.0	35.0	0.228
2 1/2” x 1 1/2”	64.5	77.8	24.0	30.0	40.0	0.572
2 1/2” x 2”	65.0	77.8	22.5	30.0	39.5	0.443
3” x 1”	77.2	91.2	30.0	33.0	44.0	0.875
3” x 1 1/4”	77.4	91.2	37.5	33.0	44.0	0.731
3” x 1 1/2”	77.2	91.2	26.6	33.0	44.0	0.871
3” x 2”	77.2	91.2	27.3	33.0	44.0	0.795
3” x 2 1/2”	77.2	91.2	20.0	33.0	44.0	0.589
4” x 2”	101.3	116.6	27.0	36.0	48.0	1.488
4” x 3”	101.3	116.6	23.3	36.0	48.0	1.203

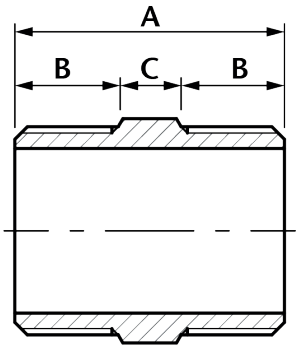
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

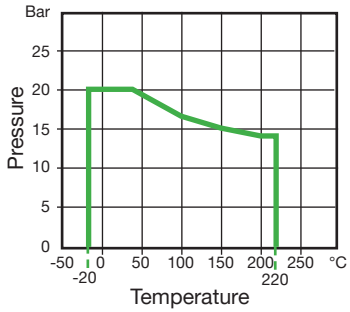
HN
Hexagon Nipple

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	Kgs
1/8"	30.3	12.0	6.3	0.016
1/4"	32.0	13.4	5.2	0.021
3/8"	36.7	14.8	7.1	0.035
1/2"	41.7	16.4	8.8	0.050
3/4"	45.0	18.5	8.0	0.070
1"	48.1	18.6	10.9	0.119
1 1/4"	53.4	20.6	12.2	0.180
1 1/2"	55.5	21.5	12.5	0.217
2"	64.2	25.6	13.0	0.328
2 1/2"	76.0	30.8	14.4	0.661
3"	79.7	33.3	13.1	0.855
4"	85.7	36.0	13.7	1.327



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

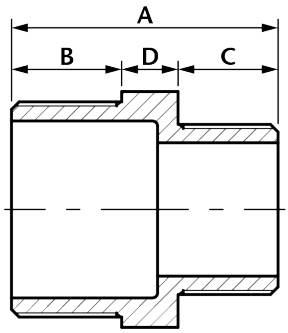
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

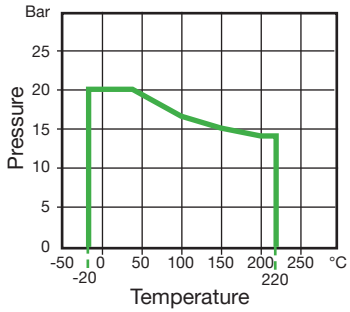
RHN
Reducing Hexagon Nipple

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	D	Kgs
1/4" x 1/8"	30.0	13.3	11.0	5.7	0.017
3/8" x 1/4"	35.0	14.7	13.0	7.3	0.035
1/2" x 1/4"	38.0	17.0	13.9	7.1	0.045
1/2" x 3/8"	39.8	17.0	14.5	8.3	0.047
3/4" x 1/2"	43.5	18.0	16.8	8.7	0.074
1" x 1/2"	47.0	18.9	17.0	11.1	0.106
1" x 3/4"	48.0	18.7	18.0	11.3	0.105
1 1/4" x 1/2"	50.0	21.2	17.2	11.6	0.159
1 1/4" x 3/4"	51.0	21.2	18.0	11.8	0.153
1 1/4" x 1"	52.0	21.5	19.5	11.0	0.174
1 1/2" x 3/4"	52.5	22.2	18.0	12.3	0.220
1 1/2" x 1"	53.2	22.2	19.0	12.0	0.222
1 1/2" x 1 1/4"	55.0	22.0	21.0	12.0	0.224
2" x 1"	57.7	26.0	19.3	12.4	0.323
2" x 1 1/4"	60.4	25.7	21.4	13.3	0.334
2" x 1 1/2"	60.4	26.0	22.3	12.1	0.336
2 1/2" x 2"	70.7	31.0	26.0	13.7	0.606
3" x 2"	72.0	33.0	26.0	13.0	0.870
3" x 2 1/2"	77.6	33.0	31.0	13.6	0.841
4" x 2"	75.7	36.0	26.0	13.7	1.005
4" x 3"	82.7	36.0	32.0	14.7	1.180

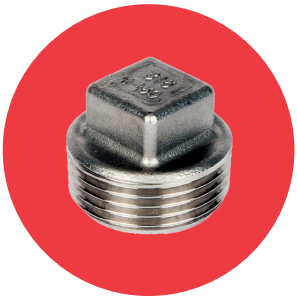


Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

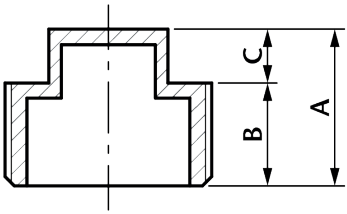
V2. Dimensions in mm

SHP
Square Head Plug

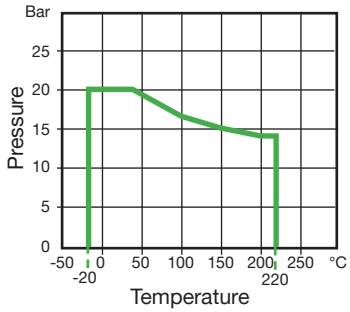


Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	Kgs
1/8”	11.0	6.7	4.3	0.005
1/4”	16.0	9.6	6.4	0.009
3/8”	16.0	9.8	6.2	0.012
1/2”	22.6	13.6	9.0	0.030
3/4”	25.0	15.0	10.0	0.039
1”	26.0	15.0	11.0	0.056
1 1/4”	29.0	18.0	11.0	0.089
1 1/2”	30.0	18.0	12.0	0.112
2”	35.0	22.0	13.0	0.170
2 1/2”	40.0	25.0	15.0	0.347
3”	42.0	27.0	15.0	0.424
4”	52.0	33.0	19.0	0.899



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

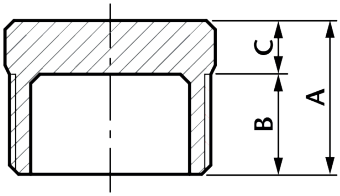
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

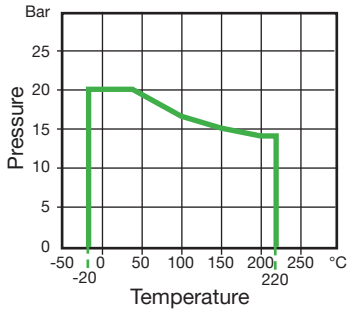
HHP
Hexagon Head Plug

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	Kgs
1/8”	16.7	10.4	6.3	0.009
1/4”	19.8	13.5	6.3	0.015
3/8”	19.8	13.5	6.3	0.022
1/2”	23.0	16.0	7.0	0.038
3/4”	26.0	17.5	8.5	0.056
1”	29.0	21.0	8.0	0.083
1 1/4”	30.7	21.7	9.0	0.125
1 1/2”	31.0	22.0	9.0	0.165
2”	35.0	26.0	9.0	0.259
2 1/2”	39.6	29.6	10.0	0.471
3”	44.0	33.0	11.0	0.597
4”	48.6	36.6	12.0	1.069

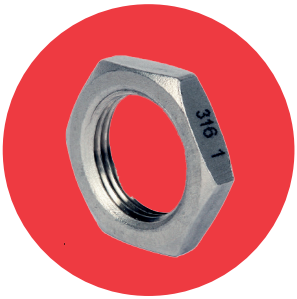


Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

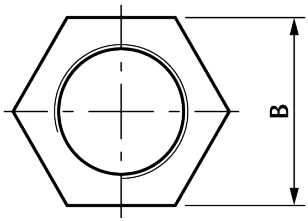
V2. Dimensions in mm

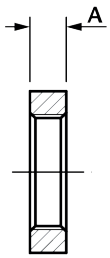
HB
Hexagon Backnut



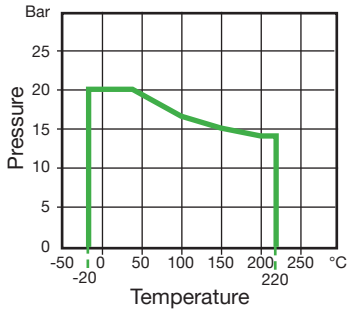
Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.





DN	A	B	Kgs
1/8”	6.00	18.00	0.010
1/4”	6.14	20.96	0.011
3/8”	7.16	26.00	0.021
1/2”	8.00	30.99	0.030
3/4”	9.20	35.00	0.036
1”	10.00	44.94	0.065
1 1/4”	11.20	54.00	0.103
1 1/2”	11.88	58.85	0.112
2”	13.20	74.00	0.203
2 1/2”	15.96	93.50	0.401
3”	19.10	106.20	0.500
4”	23.22	133.90	0.924



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

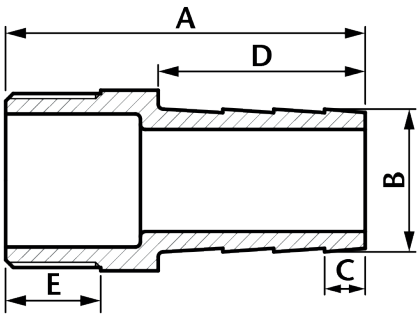
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

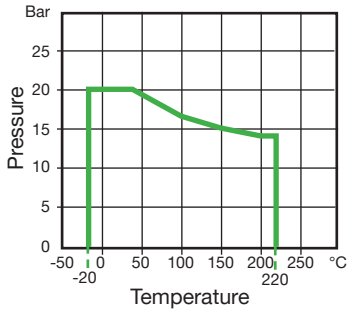
HA
Hose Adaptor

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	C	D	E	Kgs
1/4”	42.0	9.0	7.0	23.0	12.8	0.021
3/8”	47.8	10.0	7.5	25.0	15.0	0.035
1/2”	60.5	15.0	8.0	35.0	17.0	0.06
3/4”	70.0	20.5	10.0	42.5	18.0	0.104
1”	82.0	27.0	12.0	52.0	19.0	0.175
1 1/4”	82.9	34.0	12.0	51.0	20.5	0.231
1 1/2”	90.4	40.5	13.0	57.0	21.5	0.311
2”	108.0	52.3	15.5	69.5	25.5	0.512
2 1/2”	132.0	65.5	20.0	87.0	30.0	1.202
3”	145.0	78.0	23.5	97.0	33.0	1.131
4”	154.3	103.5	24.0	104.0	36.0	1.684

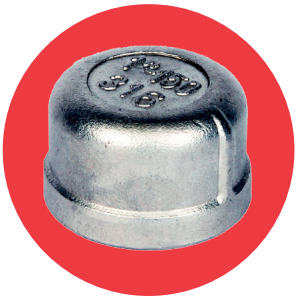


Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

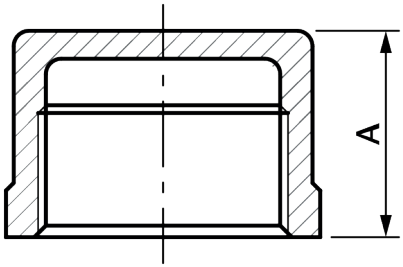
V2. Dimensions in mm

RC
Round Cap

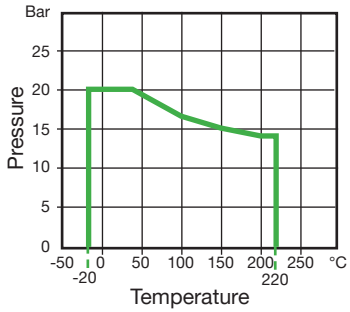


Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1) or NPT (ANSI B1.20.1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	Kgs
1/8"	15.0	0.010
1/4”	16.4	0.013
3/8”	16.5	0.017
1/2”	21.4	0.031
3/4”	22.0	0.048
1”	26.0	0.085
1 1/4”	28.0	0.127
1 1/2”	32.0	0.201
2”	33.5	0.297
2 1/2”	39.0	0.451
3”	42.0	0.670
4”	48.5	1.189



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

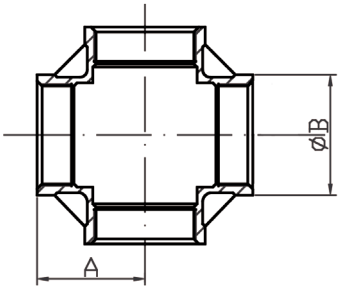
NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

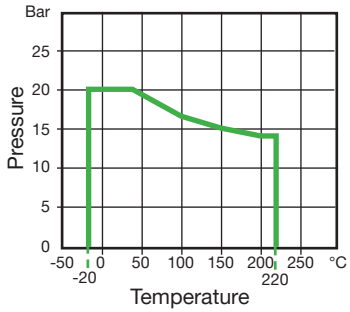
CT
Cross Tee

Features

- Made from CF8M (316) Stainless Steel material and conform to ISO 4144 standard.
- Threads are to BSP Parallel (ISO 7/1).
- Material certificates available on request.
- Tested & inspected prior to despatch.
- 12 month warranty from date of installation.
- Manufactured in accordance with ISO9001:2015 quality system.



DN	A	B	Kgs
1/4”	19.1	17.3	0.051
3/8”	23.0	21.0	0.071
1/2”	27.2	27.4	0.133
3/4”	32.0	32.0	0.181
1”	38.0	40.0	0.299
1 1/4”	45.0	49.6	0.489
1 1/2”	48.3	55.6	0.610
2”	57.0	68.4	0.864
2 1/2”	69.0	84.5	1.363
3”	78.0	98.4	2.107
4”	96.0	123.5	3.159



Temperature (°C)	Non-shock maximum working pressure (bar)
-20 to 40	20
100	16.5
150	15
200	14
220	13.5

NOTE 1	Pressure for intermediate temperatures may be determined by the interpolation method.
NOTE 2	Temperatures indicated are those of internal fluid.
NOTE 3	Piping loads, stresses and moments are not taken into account.

V2. Dimensions in mm

RT
Reducing Tee

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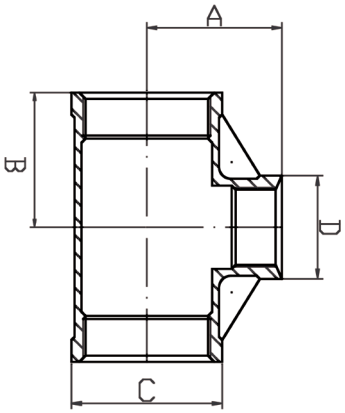
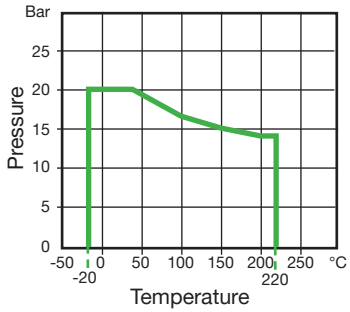


DN	A	B	C	D	Kgs
3/8" x 1/4"	22.0	20.0	20.3	17.6	0.047
1/2" x 1/4"	24.0	24.0	27.0	17.6	0.085
1/2" x 3/8"	25.0	26.0	27.0	20.3	0.086
3/4" x 1/2"	30.0	29.0	32.0	27.0	0.130
1" x 3/4"	36.0	34.0	40.3	32.0	0.224
1 1/4" x 1"	42.0	40.0	48.3	40.3	0.340
11/2" x 1 1/4"	48.0	45.0	55.0	47.8	0.442
2" x 1 1/2"	55.0	52.0	67.3	55.0	0.645



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V2. Dimensions in mm