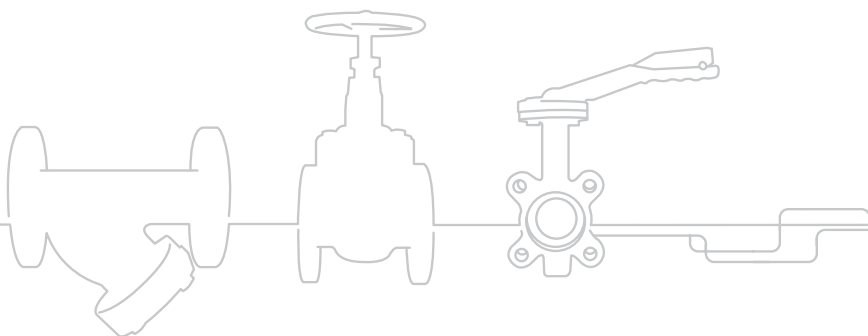


Stainless Steel Fittings



Product Information



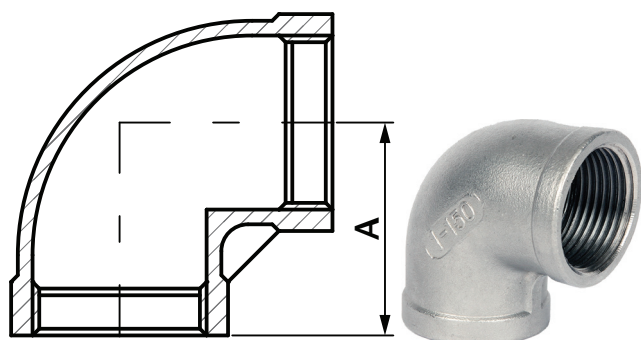
150lb BSP Threaded Fittings General Information

- All fittings are made from CF8M (316) Stainless Steel material and conform to **ISO 4144** standard.
- All threads are to ISO 7-1 (DIN2999) BSPP Female, BSPT Male.
- Material certificates available on request.
- Pressure temperature ratings. See table below.

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.	

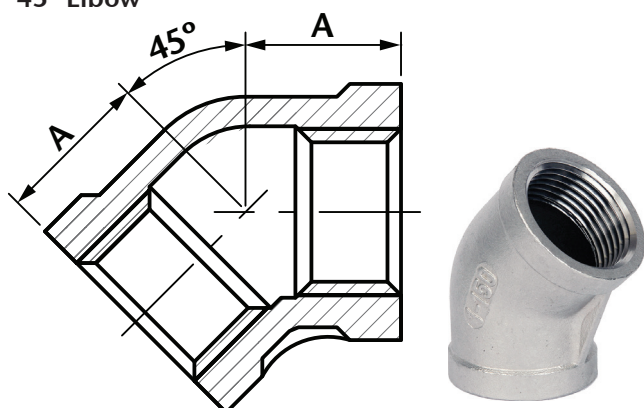
- All fittings are manufactured by investment cast process, nipples produced from welded tube.
- All items are tested & inspected prior to despatch.
- All items have a 12 month warranty from date of installation.
- All fittings manufactured in accordance with ISO9001:2008 quality system.
- CE approved
- For stocked items please consult price list

90E 90° Elbow



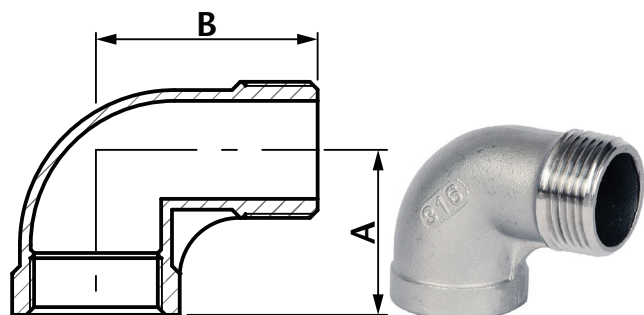
DN	A	Kgs
1/8"	17	0.020
1/4"	19	0.026
3/8"	23	0.044
1/2"	27	0.070
3/4"	32	0.108
1"	38	0.185
1 1/4"	45	0.286
1 1/2"	48	0.397
2"	57	0.518
2 1/2"	69	0.960
3"	78	1.350
4"	96	2.555

45E 45° Elbow



DN	A	Kgs
1/8"	17	0.020
1/4"	17	0.025
3/8"	19	0.038
1/2"	21	0.068
3/4"	25	0.096
1"	29	0.164
1 1/4"	33	0.222
1 1/2"	37	0.305
2"	42	0.460
2 1/2"	49	0.775
3"	54	1.140
4"	64	1.859

90MF 90° M/F Elbow



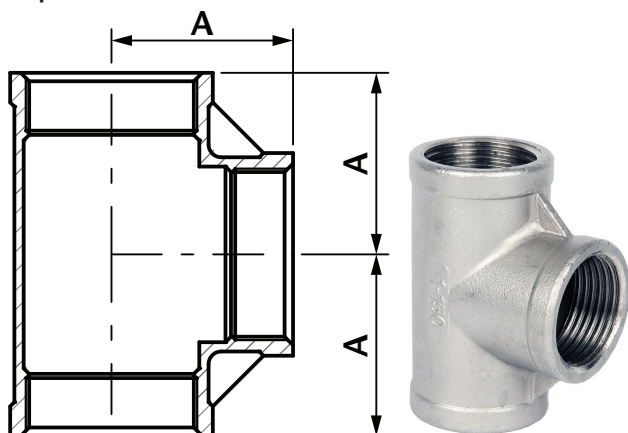
DN	A	B	Kgs
1/8"	17	26	0.020
1/4"	19	27	0.032
3/8"	23	29	0.044
1/2"	27.5	37.5	0.076
3/4"	32.5	39	0.113
1"	38	46	0.194
1 1/4"	45	54	0.270
1 1/2"	48	57	0.360
2"	57	70	0.583
2 1/2"	69	83	0.919
3"	78	94	1.583
4"	97	115	2.696

Dimensions in mm

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ET

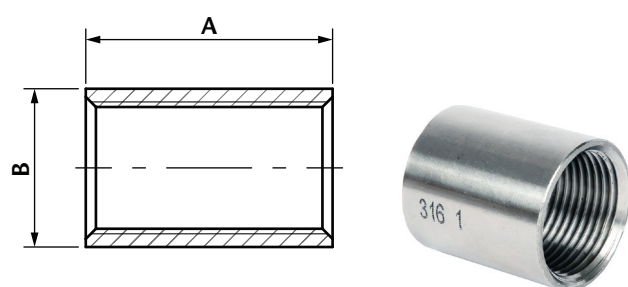
Equal Tee



DN	A	Kgs
1/8"	17	0.028
1/4"	19	0.037
3/8"	23	0.063
1/2"	27	0.107
3/4"	32	0.158
1"	38	0.256
1 1/4"	45	0.347
1 1/2"	48	0.514
2"	57	0.685
2 1/2"	69	1.216
3"	78	1.740
4"	96	3.084

FS

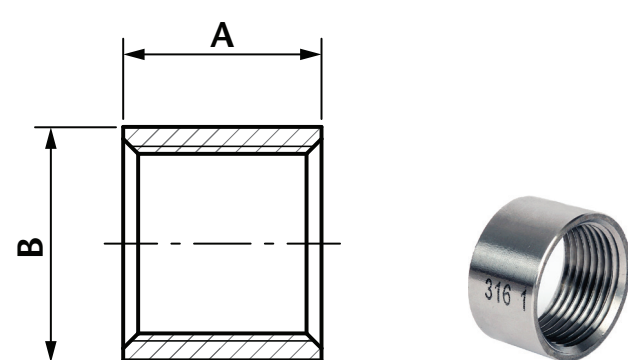
Full Socket OD Machined



DN	A	B	Kgs
1/8"	17	13.5	0.009
1/4"	24	16.7	0.021
3/8"	25	20.4	0.029
1/2"	32	24.9	0.045
3/4"	35	30	0.057
1"	41	37.8	0.108
1 1/4"	45	47	0.165
1 1/2"	45	53	0.193
2"	54	65.7	0.315
2 1/2"	63	82	0.485
3"	69	95.8	0.709
4"	81	121.5	1.120

HS

Half Socket OD Machined



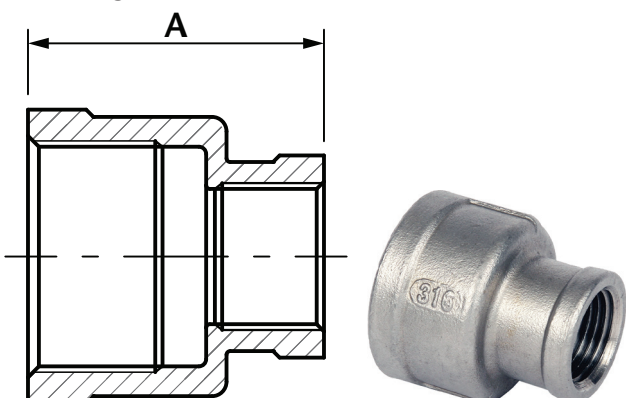
DN	A	B	Kgs
1/8"	7.5	13.5	0.005
1/4"	11	16.7	0.011
3/8"	11.5	20.4	0.014
1/2"	15	24.9	0.022
3/4"	16.5	30	0.036
1"	19.5	37.8	0.052
1 1/4"	21.5	47	0.080
1 1/2"	21.5	53	0.098
2"	26	65.7	0.152
2 1/2"	30.5	82	0.250
3"	33.5	95.8	0.367
4"	39.5	121.5	0.544

Dimensions in mm

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RS

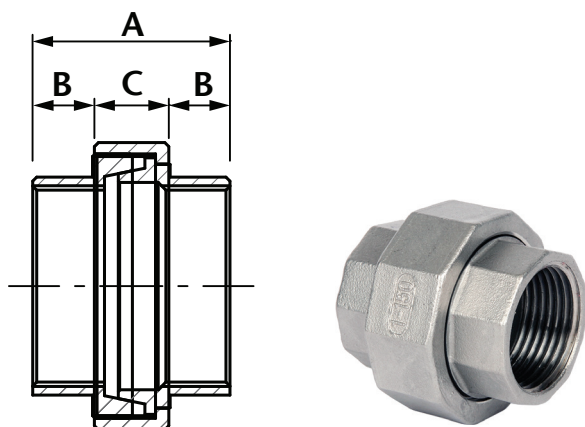
Reducing Socket



DN	A	Kgs
1/4" x 1/8"	25	0.029
3/8" x 1/4"	26	0.042
1/2" x 1/4"	34	0.051
1/2" x 3/8"	34	0.052
1/2" x 3/4"	36	0.085
1/2" x 1"	42	0.114
3/4" x 1"	42	0.136
1 1/4" x 1/2"	48	0.168
1 1/4" x 3/4"	48	0.170
1 1/4" x 1"	48	0.181
1 1/2" x 3/4"	48.5	0.225
1 1/2" x 1"	52	0.236
1 1/2" x 1 1/4"	52	0.242
2" x 1"	57.7	0.332
2" x 1 1/4"	58	0.341
2" x 1 1/2"	58	0.365
2 1/2" x 2"	65	0.567
3" x 2"	72	0.853
4" x 2"	93.8	1.655
4" x 3"	94	1.486

CSU

Conical Seat Union



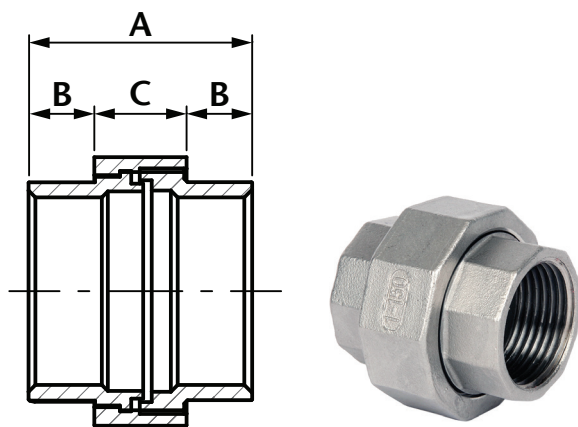
DN	A	B	C	Kgs
1/8"	30.5	8.75	13	0.059
1/4"	34	10.25	13.5	0.064
3/8"	37	10.75	15.5	0.092
1/2"	40	12	16	0.138
3/4"	43	13	17	0.206
1"	50.5	15.25	20	0.267
1 1/4"	54.5	16.25	22	0.461
1 1/2"	58	17	24	0.531
2"	65.5	19.25	27	0.834
2 1/2"	75	22.75	29.5	1.413
3"	83.5	26.25	31	1.670
4"	110.5	38.25	34	2.450

Dimensions in mm

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FFU

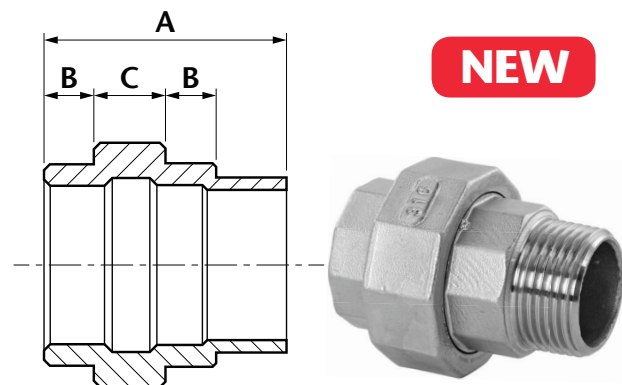
Flat Faced Union with PTFE Gasket



DN	A	B	C	Kgs
1/8"	30.5	8.75	13	0.055
1/4"	34	10.25	13.5	0.083
3/8"	37	10.75	15.5	0.105
1/2"	40	12	16	0.116
3/4"	43	13	17	0.198
1"	50.5	15.25	20	0.265
1 1/4"	54.5	16.25	22	0.406
1 1/2"	58	17	24	0.462
2"	65.5	19.25	27	0.684
2 1/2"	75	22.75	29.5	1.470
3"	83.5	26.25	31	1.880
4"	110.5	38.25	34	3.160

CSUMF

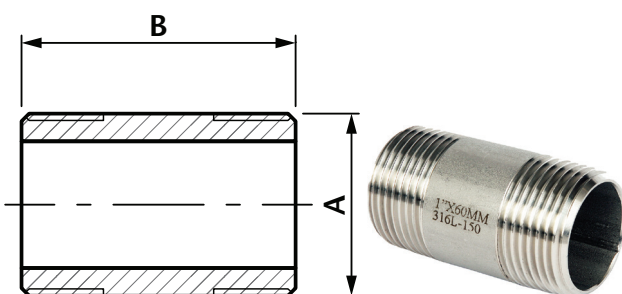
Conical Seat Union Male/Female



DN	A	B	C	Kgs
1/4"	44.8	10.3	13.5	0.070
3/8"	48.3	11	15	0.100
1/2"	54.8	11.9	16.3	0.155
3/4"	58.8	12.9	17.3	0.230
1"	68.8	15.1	20.3	0.310
1 1/4"	75.5	16.1	22.3	0.540
1 1/2"	79	16.9	24.2	0.605
2"	91	19.2	27.2	0.980

BN

Barrel Nipple



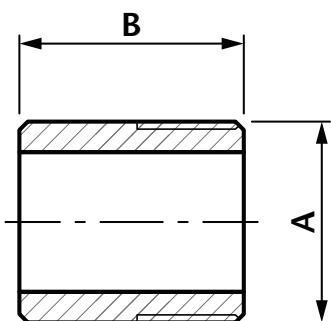
DN	A	B	Kgs
1/8"	10.2	30	0.009
1/4"	13.5	30	0.012
3/8"	17.2	40	0.024
1/2"	21.3	60	0.063
3/4"	26.9	60	0.083
1"	33.7	60	0.120
1 1/4"	42.4	80	0.211
1 1/2"	48.3	80	0.256
2"	60.3	100	0.440
2 1/2"	76.1	100	0.690
3"	88.9	120	1.160
4"	114.3	120	1.477

Dimensions in mm

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WN

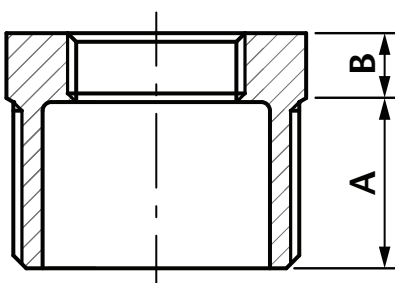
Weld Nipple



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	0.0216
2 1/2"	76.1	60	0.422
3"	88.9	70	0.640
4"	114.3	80	1.033

RB

Hexagon Reducing Bush



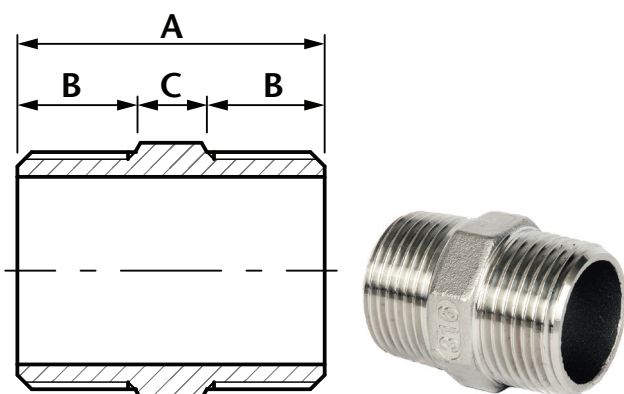
DN	A	B	Kgs
1/4" x 1/8"	12	6.5	0.013
3/8" x 1/4"	14	6.5	0.021
1/2" x 1/4"	16.5	7.5	0.035
1/2" x 3/8"	17	7	0.031
3/4" x 1/4"	18	8	0.065 NEW
3/4" x 3/8"	18	8	0.055 NEW
3/4" x 1/2"	18	8	0.048
1" x 1/2"	19	8	0.081
1" x 3/4"	19	8	0.067
1 1/4" x 1/2"	20.5	9	0.143
1 1/4" x 3/4"	20.5	9	0.141
1 1/4" x 1"	20.5	9	0.114
1 1/2" x 1/2"	22	9	0.200 NEW
1 1/2" x 3/4"	22	9	0.197
1 1/2" x 1"	22	9	0.176
1 1/2" x 1 1/4"	22	9	0.121
2" x 1"	26	9	0.328
2" x 1 1/4"	26	9	0.269
2" x 1 1/2"	26	9	0.228
2 1/2" x 2"	27	8	0.445
3" x 2"	33	11	0.795
3" x 2 1/2"	33	11	0.589
4" x 2"	36	12	1.492
4" x 3"	36	12	1.203

Dimensions in mm

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HN

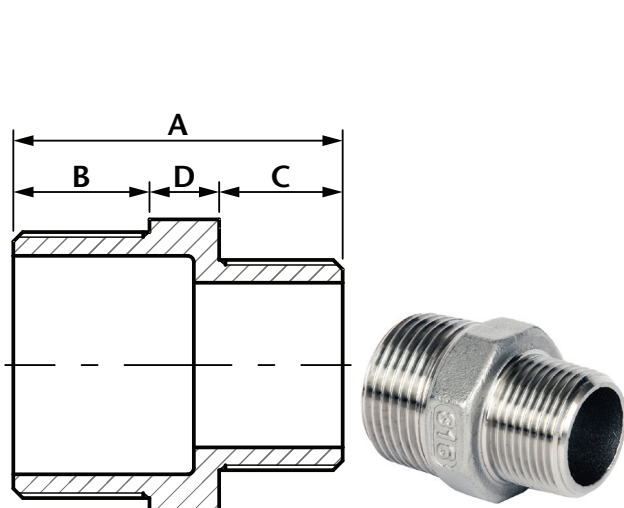
Hexagon Nipple



DN	A	B	C	Kgs
1/8"	30	12	6	0.016
1/4"	32	13	6	0.021
3/8"	36.5	15	6.5	0.035
1/2"	43	16.5	10	0.050
3/4"	45	18.5	8	0.070
1"	48	18.5	11	0.119
1 1/4"	53	20.5	12	0.180
1 1/2"	55.5	22.5	10.5	0.217
2"	64	25.5	13	0.328
2 1/2"	76	31	14	0.661
3"	80	33	14	0.855
4"	86	36	14	1.327

RHN

Reducing Hexagon Nipple



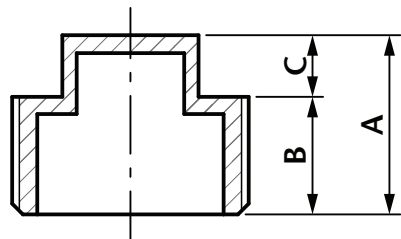
DN	A	B	C	D	Kgs
1/4" x 1/8"	30	13	11	6	0.017
3/8" x 1/4"	35	15	13	7	0.032
1/2" x 1/4"	39	17	14	8	0.045
1/2" x 3/8"	41	17	14	10	0.047
3/4" x 1/2"	43.5	18	17	8.5	0.074
1" x 1/2"	47	18.5	17	11.5	0.106
1" x 3/4"	48	18.5	18	11.5	0.105
1 1/4" x 1/2"	49.5	21	17	11.5	0.159
1 1/4" x 3/4"	51	21	18	12	0.153
1 1/4" x 1"	52	21	19.5	11.5	0.174
1 1/2" x 3/4"	52.3	22	18	12.3	0.220
1 1/2" x 1"	53	22	19	12	0.213
1 1/2" x 1 1/4"	55	22	21	12	0.217
2" x 1"	57.7	26	19	12.7	0.323
2" x 1 1/4"	60.5	26	21.5	13	0.322
2" x 1 1/2"	60.5	26	22	12.5	0.326
2 1/2" x 2"	70.5	30.5	26	14	0.606
3" x 2"	73	33	26	14	0.732
3" x 2 1/2"	77.5	33	30.5	14	0.824
4" x 2"	80.5	36	30.5	14	1.005
4" x 3"	83	36	33	14	1.187

Dimensions in mm

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SHP

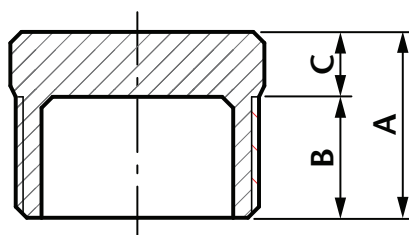
Square Head Plug



DN	A	B	C	Kgs
1/8"	11	6.7	4.3	0.005
1/4"	15.9	9.5	6.4	0.009
3/8"	16	10	6	0.012
1/2"	22.5	13.5	9	0.030
3/4"	24.5	14	10.5	0.039
1"	26	15	11	0.056
1 1/4"	29	18	11	0.082
1 1/2"	30	18	12	0.112
2"	36	22.5	13.5	0.160
2 1/2"	40	25	15	0.351
3"	42	27	15	0.424
4"	52	33	19	0.903

HHP

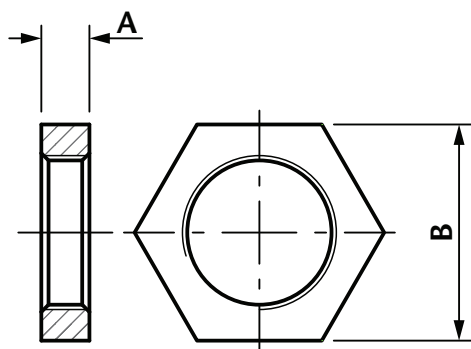
Hexagon Head Plug



DN	A	B	C	Kgs
1/8"	16.5	10.5	6	0.009
1/4"	19	13	6	0.015
3/8"	19	13	6	0.022
1/2"	23	16	7	0.038
3/4"	25.5	17.5	8	0.056
1"	28.5	20	8.5	0.083
1 1/4"	30	21	9	0.125
1 1/2"	30.5	21	9.5	0.165
2"	35	26	9	0.259
2 1/2"	40	30	10	0.471
3"	44	33	11	0.597
4"	48.5	36	12.5	1.069

HB

Hexagon Backnut



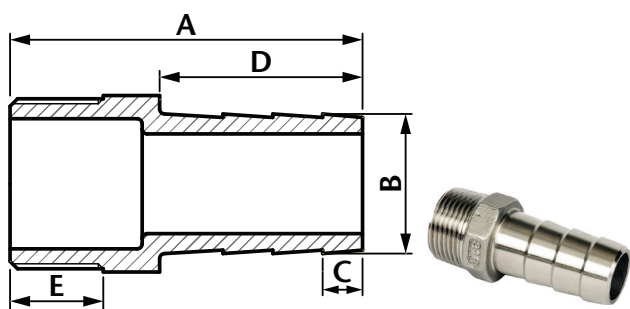
DN	A	B	Kgs
1/8"	6	18	0.007
1/4"	6.15	21	0.011
3/8"	7.15	26	0.021
1/2"	8	31	0.030
3/4"	9	35	0.036
1"	10	45	0.065
1 1/4"	11	54	0.103
1 1/2"	12	59	0.112
2"	13	74	0.203
2 1/2"	16	93.5	0.387
3"	19	106	0.500
4"	23	134	0.924

Dimensions in mm

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HA

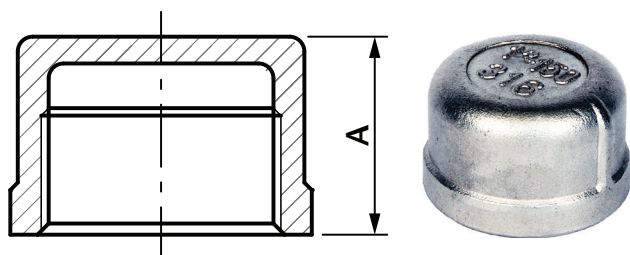
Hose Adaptor



DN	A	B	C	D	E	Kgs
1/4"	42	9	7	23	12.8	0.021
3/8"	47.8	10	7.5	25	15	0.035
1/2"	60.5	15	8	35	17	0.060
3/4"	70	20.5	10	42.5	18	0.104
1"	82	27	12	52	19	0.175
1 1/4"	83	34	12	51	20.5	0.231
1 1/2"	90.4	40	13	57	21.5	0.311
2"	108	52.3	15.5	69.5	25.5	0.512
2 1/2"	132	65.5	20	87	30	0.900 NEW
3"	145	78	23.5	97	33	1.190 NEW
4"	154	103.5	24	104	36	1.700 NEW

RC

Round Cap



DN	A	Kgs
1/8"	15	0.008
1/4"	16	0.013
3/8"	16.5	0.017
1/2"	21	0.033
3/4"	22	0.048
1"	26	0.085
1 1/4"	28	0.127
1 1/2"	32	0.201
2"	33.5	0.286
2 1/2"	39	0.451
3"	42	0.670
4"	48.5	1.189



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N4 BION

Distributor