



Horaires d'ouverture

LUNDI de 8h à 12h et de 13h à 17h

MARDI de 8h à 12h et de 13h à 17h

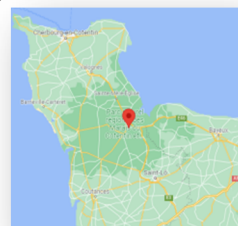
MERCREDI de 8h à 12h et de 13h à 17h

JEUDI de 8h à 12h et de 13h à 17h

VENDREDI de 8h à 12h et de 13h à 16h



**Une équipe chaleureuse
à votre écoute.**



HP COMPOSANTS

Z.I. de Blactot

50500 CARENTAN

achats@hpcomposants.fr

Tél. : 02 33 42 32 97

Fax : 02 33 42 14 78

Notre métier

Produire, acheter et vendre
sur le secteur national des **raccords**,
des **vannes**, des **accessoires de tuyauterie**
en **INOX** ou en **ACIER** pour une clientèle de grossistes,
revendeurs, installateurs, constructeurs, industriels et
dans les domaines de l'industrie
(alimentaire, hydraulique, chimique et pétrochimique).



Fabricant et distributeur de raccords de robinetterie industrielle

- ✓ Un stock permanent de plus de **5000 références**.
- ✓ Une **livraison rapide** dans toute la France.
- ✓ Une adaptabilité de l'unité de production pour une **fabrication spéciale sur demande**, suivant vos plans.
- ✓ Une **réponse rapide** à vos demandes de tarifs et délais

Raccords forgés

Alimentaire

Acier

A 105



CLAMP



Inox

304 L 316 L



SMS



DIN



Raccords et Accessoires Industriels

Série
légère



Raccords
à Cames



Vannes



Accessoires
Iso



Brides



Doubles
Bagues



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INFORMATIONS GENERALES

CONDITIONS DE FABRICATION

NUANCES UTILISEES

Raccords forgés :	ASTM A105N ASTM A350LF2 ASTM F304L ASTM F316L
Raccords tournés :	ASTM A105N, ASTM A106 GrB, P265GH ASTM A350LF2, ASTM A333 Gr6 ASTM A182 F304L ASTM A182 F316L

SUR DEMANDE

Usinage sur plan
Electrozinguage
Bichromatage
Phosphatage

CONDITIONS D'EXPEDITION

COMMANDE

Minimum :	16 € Nets HT
Emballage :	1.7 € par colis

FRANCO DE PORT - Messagerie

Pour toute commande > 500 € Nets HT

CERTIFICAT DE MATIERE 3.1 - CONFORMITE

5 € l'unité
10 € le forfait sur commande globale



FILETAGE GAZ



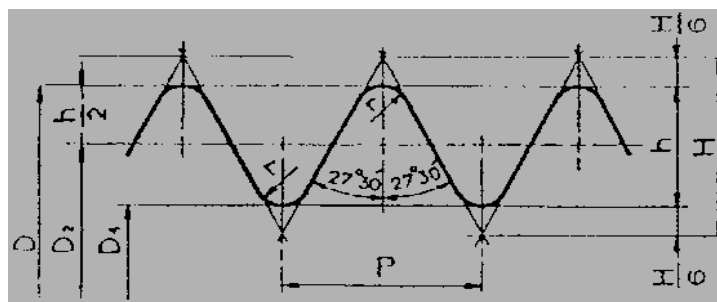
ETANCHEITE DANS LE FILET

FILETAGE CONIQUE - TAURAUDAGE CYLINDRIQUE

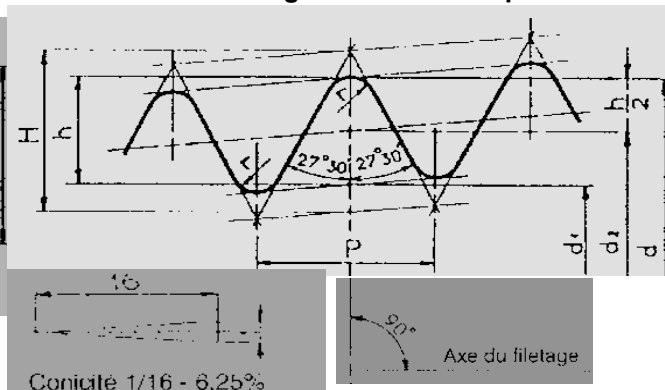
NF E 03-004 - ISO 7 - DIN.2999

PROFIL

Filetage intérieur cylindrique



Filetage extérieur conique



$$H = 0.960491 \times P$$

$$H = 0.640327 \times P$$

$$r = 0.137329 \times P$$

$$H = 0.960237 \times P$$

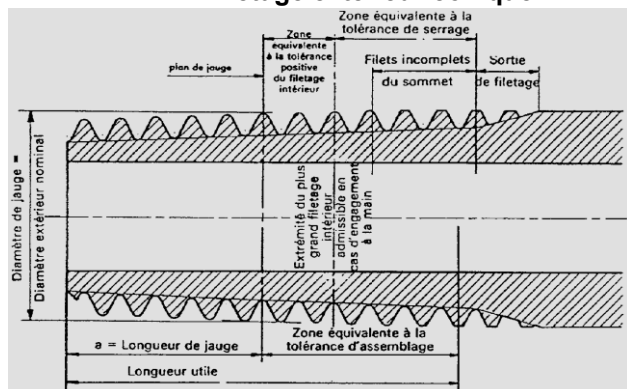
$$H = 0.640327 \times P$$

$$r = 0.137278 \times P$$

Dénomination	Pas P	Nombre de pas dans 25.4	Profondeur du filet h	Diamètres dans le plan de jauge			Longueur de jauge a				Intérieur l min	Filetage cylindrique Tolérance diamètre le +
				Extérieur r D=d	Sur flancs D2=d2	Du nouveau D1=d1	Nominal	Min	Max	Tolérance en pas		
1/8"	0.907	28	0.581	9.728	9.147	8.566	3.970	3.063	4.877	+1	2.5	+ 0.071
1/4"	1.337	19	0.856	13.157	12.301	11.445	6.012	4.675	7.349	+1	3.7	+ 0.104
3/8"	1.337	19	0.856	16.662	15.806	14.950	6.350	5.013	7.687	+1	3.7	+ 0.104
1/2"	1.814	14	1.162	20.955	19.793	18.631	8.164	6.350	9.978	+1	5.0	+ 0.142
3/4"	1.814	14	1.162	26.441	25.279	24.117	9.525	7.711	11.339	+1	5.0	+ 0.142
1"	2.309	11	1.479	33.249	31.770	30.291	10.391	8.082	12.700	+1	6.4	+ 0.180
1 1/4"	2.309	11	1.479	41.910	40.431	38.952	12.700	10.391	15.009	+1	6.4	+ 0.180
1 1/2"	2.309	11	1.479	47.803	46.324	44.854	12.700	10.391	15.009	+1	6.4	+ 0.180
2"	2.309	11	1.479	59.614	58.135	56.656	15.875	13.566	18.184	+1	7.5	+ 0.180
2 1/2"	2.309	11	1.479	75.184	73.705	72.226	17.463	14.000	20.926	+ 1 1/2	9.2	+ 0.217
3"	2.309	11	1.479	87.884	86.405	84.926	20.638	17.175	24.101	+ 1 1/2	9.2	+ 0.217

LONGUEURS DU FILETAGE

Filetage extérieur conique



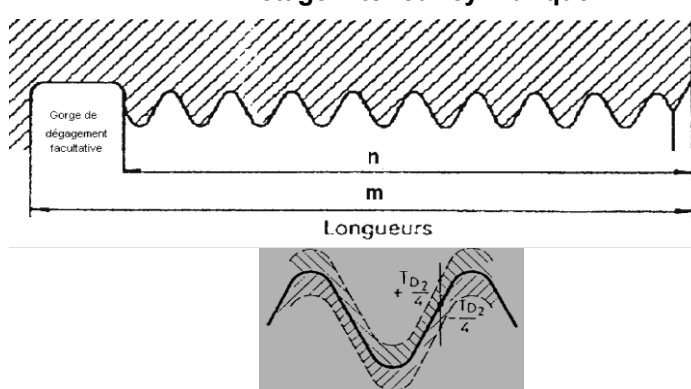
La distance a entre le plan de jauge et l'extrémité du petit diamètre du filetage est appelée longueur de jauge (valeur nominale et tolérance),

La longueur minimale l, zone équivalent à la tolérance d'assemblage.

La longueur filetée utile doit être au moins égale à + l (valeur minimale comprise entre a min + l, et a max + l, suivant la valeur effective de a)

DIMENSIONNEMENT des raccords GAZ PN 250, suivant NF E 29 600

Filetage intérieur cylindrique



La longueur filetée n doit être au moins égale, dans tous les cas, à 80 % de la somme a min + l

La pièce filetée intérieurement, qu'elle comporte ou non une gorge de dégagement, doit être telle, qu'elle permette l'engagement de la pièce filetée extérieurement, sur une longueur m au moins égale à la somme a max + l, si l'assemblage doit pouvoir être effectué sans interposition appréciable de matière de joint.

Des valeurs plus réduites de m peuvent être admises pour des raisons d'encombrement, l'étanchéité dans le filet devant être obtenue dans ce cas par interposition de matière de joint.

Tél : 02 33 42 32 97 - Fax : 02 33 42 14 78

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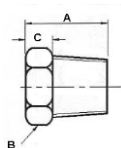
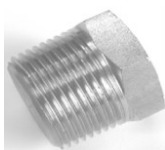


GAZ 100 bars

RACCORDS ACIER CARBONE

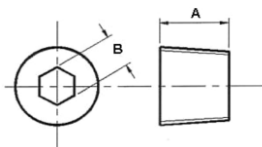


BOUCHON MTH GAZ CONIQUE



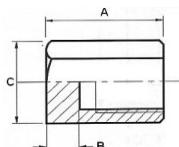
Réf	DN	A	B	C	Poids	
103.1400	1/8"	16	14	6	0.015	
103.1401	1/4"	18	14	6	0.020	
103.1402	3/8"	19	19	6	0.036	
103.1403	1/2"	23	22	6	0.065	
103.1404	3/4"	26	27	8	0.115	
103.1405	1"	28	35	8	0.210	
103.1406	1"1/4	35	46	11	0.410	
103.1407	1"1/2	35	50	11	0.590	
103.1408	2"	42	65	14	1.000	
103.1409	2"1/2	48	77	18	1.720	
103.1410	3"	52	90	20	2.700	

BOUCHON M 6 P Creux



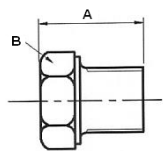
Réf	DN	A	B	Poids	
103.1300	1/8"	8	5	0.002	
103.1301	1/4"	10	6	0.005	
103.1302	3/8"	11	8	0.010	
103.1303	1/2"	13	10	0.025	
103.1304	3/4"	17	14	0.050	
103.1305	1"	19	17	0.090	
103.1306	1"1/4	23	20	0.180	
103.1307	1"1/2	23	23	0.225	

BOUCHON FEMELLE TH



Réf	DN	A	B	C	Poids	
103.1100	1/8"	18	5	17	0.040	
103.1101	1/4"	18	5	22	0.045	
103.1102	3/8"	19	5	27	0.045	
103.1103	1/2"	23	6.5	30	0.150	
103.1104	3/4"	27	6.5	35	0.145	
103.1105	1"	32	8	45	0.310	
103.1106	1"1/4	34	8	54	0.400	
103.1107	1"1/2	38	12	65	0.700	
103.1108	2"	45	14	75	1.200	
103.1109	2"1/2	60	15	88	2.110	
103.1110	3"	65	18	100	2.800	

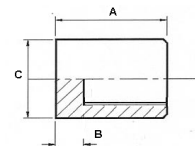
BOUCHON MTH Cylindrique



Réf	DN	A	B	Poids	
103.1500	1/8"	18	14	0.010	
103.1501	1/4"	20	19	0.025	
103.1502	3/8"	22	22	0.045	
103.1503	1/2"	24	27	0.080	
103.1504	3/4"	27	30	0.135	
103.1505	1"	30	38	0.305	
103.1506	1"1/4	36	50	0.400	
103.1507	1"1/2	43	54	0.600	
103.1508	2"	43	75	1.140	

BOUCHON FEMELLE T. Ronde

Jusqu'à épuisement des stocks



Réf	DN	A	B	C	Poids	
103.1208	2"	45	14	70	0.750	

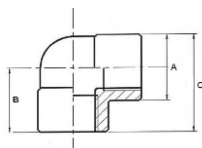


GAZ 100 bars

RACCORDS ACIER CARBONE

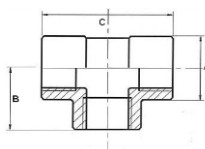


COUDE 90 FF



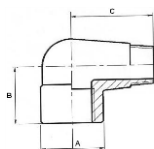
Réf	DN	A	B	C	Poids	
103.0201	1/4"	23	22	33	0.085	
103.0202	3/8"	27	26	39	0.106	
103.0203	1/2"	33	29	45	1.550	
103.0204	3/4"	38	35	54	0.301	
103.0205	1"	46	40	63	0.460	
103.0206	1 1/4"	56	48	76	0.690	
103.0207	1 1/2"	63	50	81	0.910	
103.0208	2"	76	61	99	1.500	
103.0209	2 1/2"	86	68	111	1.600	
103.0210	3"	123	96	157	8.700	

TE FFF



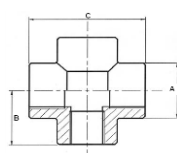
Réf	DN	A	B	C	Poids	
103.0901	1/4"	23	22	45	0.100	
103.0902	3/8"	26	27	51	0.120	
103.0903	1/2"	34	30	57	0.205	
103.0904	3/4"	39	33	66	0.390	
103.0905	1"	46	39	77	0.520	
103.0906	1 1/4"	56	45	89	0.910	
103.0907	1 1/2"	63	50	101	1.010	
103.0908	2"	76	62	122	1.700	
103.0909	2 1/2"	86	69	134	1.600	
103.0910	3"	120	96	193	10.300	

COUDE 90 MF



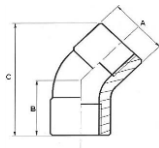
Réf	DN	A	B	C	Poids	
103.0400	1/8"	21	25	27	0.080	
103.0401	1/4"	21	25	27	0.080	
103.0402	3/8"	24	26	35	0.110	
103.0403	1/2"	30	31	41	0.360	
103.0404	3/4"	46	35	54	0.560	
103.0405	1"	56	40	56	0.900	
103.0406	1 1/4"	63	48	67	1.220	
103.0407	1 1/2"	75	55	76	2.010	
103.0408	2"	86	68	89	2.130	

CROIX FFFF



Réf	DN	A	B	C	Poids	
104.0801	1/4"	23	22	45	0.210	
104.0802	3/8"	27	26	51	0.400	
104.0803	1/2"	33	29	57	0.590	
104.0804	3/4"	38	35	66	0.700	
104.0805	1"	46	40	77	1.460	

COUDE 45 FF



Réf	DN	A	B	C	Poids	
103.0101	1/4"	27	24	38	0.100	
103.0102	3/8"	34	27	41	0.230	
103.0103	1/2"	39	31	50	0.300	
103.0104	3/4"	46	37	59	0.480	
103.0105	1"	56	42	67	0.830	
103.0106	1 1/4"	63	50	79	1.300	
103.0107	1 1/2"	76	53	92	1.950	
103.0108	2"	84	55	105	2.200	

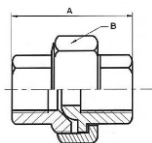
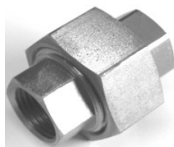


GAZ 100 bars

RACCORDS ACIER CARBONE

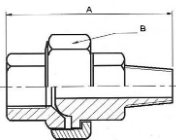


UNION 3 Pièces FF



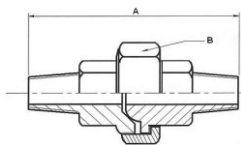
Réf	DN	A	B	Poids	
103.2301	1/4"	41	32	0.130	
103.2302	3/8"	44	35	0.160	
103.2303	1/2"	49	38	0.185	
103.2304	3/4"	55	46	0.295	
103.2305	1"	61	56	0.400	
103.2306	1"1/4	66	67	0.700	
103.2307	1"1/2	75	78	1.100	
103.2308	2"	80	92	1.600	

UNION 3 Pièces MF



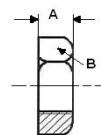
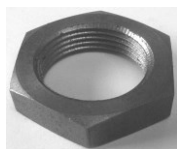
Réf	DN	A	B	Poids	
103.2401	1/4"	52	32	0.150	
103.2402	3/8"	56	35	0.185	
103.2403	1/2"	63	38	0.230	
103.2404	3/4"	71	46	0.395	
103.2405	1"	84	56	0.590	
103.2406	1"1/4	86	67	0.900	
103.2407	1"1/2	100	78	1.250	
103.2408	2"	106	92	2.000	

UNION 3 Pièces MM



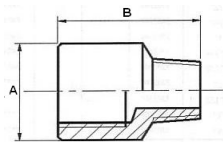
Réf	DN	A	B	Poids	
104.2501	1/4"	71	35	0.215	
104.2502	3/8"	78	42	0.315	
104.2503	1/2"	86	46	0.445	
104.2504	3/4"	99	56	0.730	
104.2505	1"	112	64.5	1.100	
104.2506	1"1/4	124	78	1.680	
104.2507	1"1/2	140	85	2.050	
104.2508	2"	147	99	3.360	

ECROU PLAT HEXA



Réf	DN	A	B	Poids	
103.4301	1/4"	8	22	0.020	
103.4302	3/8"	10	27	0.030	
103.4303	1/2"	11	32	0.040	
103.4304	3/4"	13	35	0.0450	
103.4305	1"	15	46	0.142	
103.4306	1"1/4	18	54	0.135	
103.4307	1"1/2	20	63	0.180	
103.4308	2"	24	75	0.200	

ADAPTEUR MF



Réf	DN	A	B	Poids	
103.4101	1/4"	20	35	0.030	
103.4102	3/8"	25	33	0.060	
103.4103	1/2"	30	42	0.110	
103.4104	3/4"	36	46	0.180	
103.4105	1"	50	52	0.350	

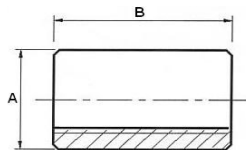


GAZ 100 bars

RACCORDS ACIER CARBONE

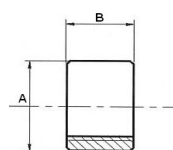
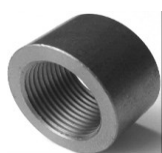


MANCHON FF



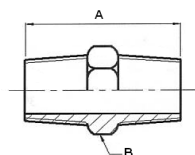
Réf	DN	A	B	Poids	
103.1700	1/8"	16	24	0.050	
103.1701	1/4"	20	25	0.035	
103.1702	3/8"	25	29	0.060	
103.1703	1/2"	30	35	0.115	
103.1704	3/4"	36	40	0.160	
103.1705	1"	42	45	0.275	
103.1706	1"1/4	55	50	0.420	
103.1707	1"1/2	60	55	0.500	
103.1708	2"	70	60	0.600	
103.1709	2"1/2	95	70	1.500	
103.1710	3"	110	75	2.100	

DEMI-MANCHON F



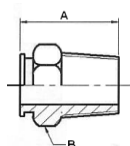
Réf	DN	A	B	Poids	
103.2200	1/8"	16	12	0.015	
103.2201	1/4"	20	12.5	0.020	
103.2202	3/8"	25	14.5	0.030	
103.2203	1/2"	30	17.5	0.055	
103.2204	3/4"	36	20	0.080	
103.2205	1"	42	22.5	0.200	
103.2206	1"1/4	55	25	0.290	
103.2207	1"1/2	60	27.5	0.450	
103.2208	2"	70	30	0.600	

MAMELON MM



Réf	DN	A	B	Poids	
103.1600	1/8"	26	14	0.150	
103.1601	1/4"	30	14	0.025	
103.1602	3/8"	32	19	0.035	
103.1603	1/2"	38	22	0.065	
103.1604	3/4"	42	27	0.115	
103.1605	1"	46	35	0.165	
103.1606	1"1/4	55	46	0.320	
103.1607	1"1/2	58	50	0.510	
103.1608	2"	68	65	0.700	
103.1609	2"1/2	80	77	1.350	
103.1610	3"	92	90	1.650	

MAMELON A SOUDER



Réf	DN	A	B	Poids	
103.4401	1/4"	20	14	0.010	
103.4402	3/8"	21	17	0.020	
103.4403	1/2"	25	22	0.040	
103.4404	3/4"	29	29	0.050	
103.4405	1"	33	35	0.090	
103.4406	1"1/4	35	46	0.169	
103.4407	1"1/2	40	50	0.200	
103.4408	2"	44	65	0.330	
103.4409	2"1/2	48	77	0.540	
103.4410	3"	50	90	0.680	

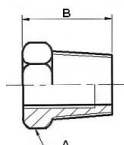


GAZ 100 bars

RACCORDS ACIER CARBONE

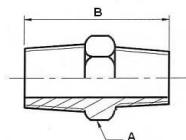


REDUCTION MALE FEMELLE



Réf	DN	A	B	Poids
103.1800	1/4" x 1/8"	14	18	0.010
103.1801	3/8" x 1/8"	19	19	0.026
103.1802	3/8" x 1/4"	19	19	0.015
103.1803	1/2" x 1/8"	21	23	0.050
103.1804	1/2" x 1/4"	22	23	0.045
103.1805	1/2" x 3/8"	22	23	0.025
103.1807	3/4" x 1/4"	27	26	0.095
103.1808	3/4" x 3/8"	27	26	0.075
103.1809	3/4" x 1/2"	27	26	0.050
103.1811	1" x 1/4"	35	30	0.175
103.1812	1" x 3/8"	35	30	0.165
103.1813	1" x 1/2"	35	30	0.135
103.1814	1" x 3/4"	35	30	0.090
103.1818	1 1/4" x 1/2"	46	33	0.325
103.1819	1 1/4" x 3/4"	46	33	0.270
103.1820	1 1/4" x 1"	46	33	0.195
103.1824	1 1/2" x 1/2"	50	35	0.500
103.1825	1 1/2" x 3/4"	50	35	0.420
103.1826	1 1/2" x 1"	50	35	0.400
103.1827	1 1/2" x 1 1/4"	50	35	0.200
103.1832	2" x 3/4"	65	40	0.790
103.1833	2" x 1"	65	40	0.720
103.1834	2" x 1 1/4"	65	40	0.500
103.1835	2" x 1 1/2"	65	40	0.400
103.1841	2 1/2" x 1"	77	48	1.670
103.1842	2 1/2" x 1 1/4"	77	48	1.250
103.1843	2 1/2" x 1 1/2"	77	48	1.100
103.1844	2 1/2" x 2"	77	48	0.750
103.1851	3" x 1 1/4"	92	45	1.800
103.1852	3" x 1 1/2"	92	52	1.920
103.1853	3" x 2"	92	52	1.400
103.1854	3" x 2 1/2"	92	52	1.800

REDUCTION MALE MALE



Réf	DN	A	B	Poids
103.1900	1/4" x 1/8"	14	24	0.020
103.1901	3/8" x 1/8"	19	26	0.035
103.1902	3/8" x 1/4"	19	26	0.027
103.1904	1/2" x 1/4"	22	29	0.065
103.1905	1/2" x 3/8"	22	31	0.062
103.1907	3/4" x 1/4"	27	33	0.112
103.1908	3/4" x 3/8"	27	35	0.110
103.1909	3/4" x 1/2"	27	38	0.115
103.1912	1" x 3/8"	35	43	0.205
103.1913	1" x 1/2"	35	46	0.205
103.1914	1" x 3/4"	35	48	0.205
103.1918	1 1/4" x 1/2"	46	51	0.410
103.1919	1 1/4" x 3/4"	46	53	0.410
103.1920	1 1/4" x 1"	46	55	0.350
103.1925	1 1/2" x 3/4"	50	56	0.510
103.1926	1 1/2" x 1"	50	58	0.420
103.1927	1 1/2" x 1 1/4"	50	61	0.450
103.1933	2" x 1"	65	62	0.820
103.1934	2" x 1 1/4"	65	65	0.700
103.1935	2" x 1 1/2"	65	66	0.790
103.1943	2 1/2" x 1 1/2"	77	62	1.720
103.1944	2 1/2" x 2"	77	74	1.750
103.1952	3" x 1 1/2"	92	78	2.000
103.1953	3" x 2"	92	80	2.100
103.1954	3" x 2 1/2"	92	80	2.600

Autres diamètres sur demande

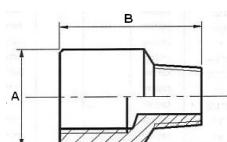


GAZ 100 bars

RACCORDS ACIER CARBONE

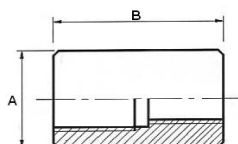


REDUCTION FEMELLE MALE



Réf	DN	A	B	Poids
103.2100	1/4" x 1/8"	20	30	0.035
103.2101	3/8" x 1/8"	25	32	0.065
103.2102	3/8" x 1/4"	25	32	0.055
103.2103	1/2" x 1/8"	30	38	0.145
103.2104	1/2" x 1/4"	30	38	0.110
103.2105	1/2" x 3/8"	30	39	0.105
103.2107	3/4" x 1/4"	36	42	0.160
103.2108	3/4" x 3/8"	36	43	0.165
103.2109	3/4" x 1/2"	36	46	0.175
103.2112	1" x 3/8"	50	45	0.380
103.2113	1" x 1/2"	50	48	0.250
103.2114	1" x 3/4"	50	50	0.260
103.2118	1"1/4 x 1/2"	60	54	0.500
103.2119	1"1/4 x 3/4"	60	36	0.480
103.2120	1"1/4 x 1"	60	58	0.460
103.2125	1"1/2 x 3/4"	70	58	0.880
103.2126	1"1/2 x 1"	70	60	0.750
103.2127	1"1/2 x 1"1/4	70	63	0.800
103.2133	2" x 1"	80	60	0.950
103.2134	2" x 1"1/4	80	65	1.100
103.2135	2" x 1"1/2	80	66	1.020
103.2143	2"1/2 x 1"1/2	95	80	1.210
103.2144	2"1/2 x 2"	95	80	1.210

REDUCTION FEMELLE FEMELLE



Réf	DN	A	B	Poids
103.2000	1/4" x 1/8"	20	24	0.040
103.2001	3/8" x 1/8"	25	30	0.075
103.2002	3/8" x 1/4"	25	30	0.070
103.2003	1/2" x 1/8"	30	34	0.135
103.2004	1/2" x 1/4"	30	34	0.135
103.2005	1/2" x 3/8"	30	34	0.120
103.2007	3/4" x 1/4"	36	40	0.210
103.2008	3/4" x 3/8"	36	40	0.210
103.2009	3/4" x 1/2"	36	40	0.190
103.2012	1" x 3/8"	50	45	0.500
103.2013	1" x 1/2"	50	45	0.335
103.2014	1" x 3/4"	50	45	0.310
103.2018	1"1/4 x 1/2"	60	50	0.700
103.2019	1"1/4 x 3/4"	60	50	0.600
103.2020	1"1/4 x 1"	60	50	0.400
103.2025	1"1/2 x 3/4"	70	55	1.160
103.2026	1"1/2 x 1"	70	55	1.010
103.2027	1"1/2 x 1"1/4	70	55	0.600
103.2033	2" x 1"	80	60	1.480
103.2034	2" x 1"1/4	80	60	1.380
103.2035	2" x 1"1/2	80	60	0.730
103.2044	2"1/2 x 2"	100	80	1.480
103.2052	3" x 1"1/2	110	110	3.570
103.2053	3" x 2"	110	110	3.570
103.2054	3" x 2"1/2	110	110	3.570

Autres diamètres sur demande

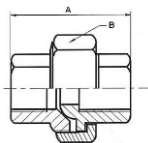


GAZ 250 et 420 bars A105N

A350LF2 SUR DEMANDE

UNION 3 Pièces FF

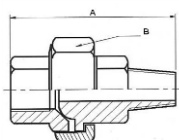
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.2301	1/4"	47	35	0.170	
104.2302	3/8"	47	40	0.250	
104.2303	1/2"	52	45	0.325	
104.2304	3/4"	60	57	0.395	
104.2305	1"	64	64	0.700	
104.2306	1"1/4	74	73	1.160	
104.2307	1"1/2	84	83	1.590	
104.2308	2"	91	104	2.100	
104.2309	2"1/2	111	122	3.750	
104.2310	3"	119	142	5.800	

UNION 3 Pièces MF

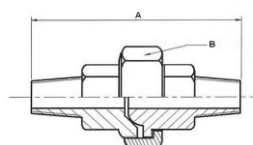
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.2401	1/4"	62	35	0.190	
104.2402	3/8"	70	40	0.280	
104.2403	1/2"	74.5	45	0.390	
104.2404	3/4"	83	57	0.510	
104.2405	1"	92	64	0.890	
104.2406	1"1/4	104	73	1.400	
104.2407	1"1/2	118	83	1.900	
104.2408	2"	124	104	2.600	
104.2409	2"1/2	149	122	4.990	
104.2410	3"	159	142	6.590	

UNION 3 Pièces MM

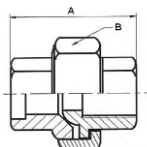
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.2501	1/4"	80	35	0.215	
104.2502	3/8"	84	40	0.315	
104.2503	1/2"	88	45	0.445	
104.2504	3/4"	104	57	0.730	
104.2505	1"	115	64	1.100	
104.2506	1"1/4	134	73	1.680	
104.2507	1"1/2	141	83	2.050	
104.2508	2"	153	104	3.360	
104.2509	2"1/2	184	122	6.140	
104.2510	3"	198	142	7.530	

UNION 3 Pièces FF GAZ-SW

6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.2901	1/4"	47	35	0.190	
104.2902	3/8"	47	40	0.280	
104.2903	1/2"	52	45	0.390	
104.2904	3/4"	60	57	0.510	
104.2905	1"	64	64	0.890	
104.2906	1"1/4	74	73	1.400	
104.2907	1"1/2	84	83	1.900	
104.2908	2"	91	104	2.600	
104.2909	2"1/2	111	122	4.990	
104.2910	3"	119	142	6.590	

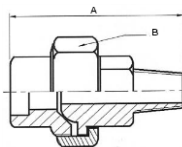


GAZ 250 et 420 bars A105N

A350LF2 SUR DEMANDE

UNION 3 Pièces M GAZ-SW

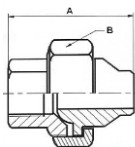
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.3001	1/4"	62	35	0.190	
104.3002	3/8"	70	40	0.280	
104.3003	1/2"	74.5	45	0.390	
104.3004	3/4"	83	57	0.510	
104.3005	1"	92	64	0.890	
104.3006	1"1/4	104	73	1.400	
104.3007	1"1/2	118	83	1.900	
104.3008	2"	124	104	2.600	
104.3009	2"1/2	149	122	4.990	
104.3010	3"	159	142	6.590	

UNION 3 Pièces F GAZ-BW

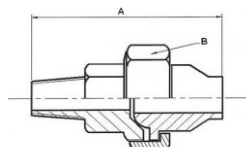
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.2601	1/4"	45	35	0.180	
104.2602	3/8"	47	40	0.250	
104.2603	1/2"	49	45	0.300	
104.2604	3/4"	58	57	0.420	
104.2605	1"	65	64	0.600	
104.2606	1"1/4	74	73	1.400	
104.2607	1"1/2	84	83	1.900	
104.2608	2"	91	104	2.600	

UNION 3 Pièces M GAZ-BW

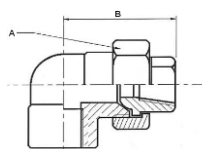
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.2701	1/4"	58.5	35	0.200	
104.2702	3/8"	62	40	0.280	
104.2703	1/2"	65.5	45	0.330	
104.2704	3/4"	77	57	0.580	
104.2705	1"	88.5	64	0.750	
104.2706	1"1/4	104	73	1.400	
104.2707	1"1/2	118	83	1.900	
104.2708	2"	124	104	2.600	

COUDE UNION FF

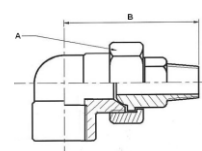
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.0601	1/4"	35	49	0.250	
104.0602	3/8"	40	57	0.450	
104.0603	1/2"	45	62	0.580	
104.0604	3/4"	57	70	0.910	
104.0605	1"	64	796	1.420	
104.0606	1"1/4	73	88	2.080	
104.0607	1"1/2	83	101	3.400	
104.0608	2"	104	114	3.970	

COUDE UNION MF

6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids	
104.0701	1/4"	35	68	0.026	
104.0702	3/8"	40	76	0.480	
104.0703	1/2"	45	86	0.650	
104.0704	3/4"	57	94	1.030	
104.0705	1"	64	108	1.570	
104.0706	1"1/4	73	117	2.300	
104.0707	1"1/2	83	131	3.700	
104.0708	2"	104	145	4.420	

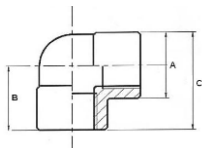


GAZ 250 et 420 bars A105N

A350LF2 SUR DEMANDE



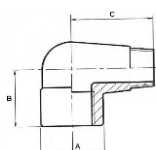
COUDE 90 FF



Réf 250b(3M)	DN	A	B	Poids	
104.0201	1/4"	27	25	0.150	
104.0202	3/8"	34	29	0.305	
104.0203	1/2"	39	33	0.400	
104.0204	3/4"	46	38	0.610	
104.0205	1"	56	44	1.100	
104.0206	1"1/4	63	51	1.250	
104.0207	1"1/2	76	60	2.280	
104.0208	2"	84	64	2.350	
104.0209	2"1/2	102	83	5.400	
104.0210	3"	121	93	8.700	

Réf 420b(6M)	DN	A	B	Poids	
105.0201	1/4"	34	29	0.350	
105.0202	3/8"	39	33	0.440	
105.0203	1/2"	46	38	0.690	
105.0204	3/4"	56	44	1.230	
105.0205	1"	63	51	1.580	
105.0206	1"1/4	76	60	2.660	
105.0207	1"1/2	84	64	3.250	

COUDE 90 MF

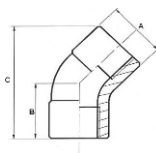


Réf 250b(3M)	DN	A	C	Poids	
104.0401	1/4"	27	36	0.130	
104.0402	3/8"	34	40	0.210	
104.0403	1/2"	39	48	0.360	
104.0404	3/4"	46	54	0.560	
104.0405	1"	56	64	0.900	
104.0406	1"1/4	63	68	1.220	
104.0407	1"1/2	76	77	2.010	
104.0408	2"	84	82	2.130	

Réf 420b(6M)	DN	A	C	Poids	
105.0401	1/4"	34	40	0.240	
105.0402	3/8"	39	48	0.480	
105.0403	1/2"	46	54	1.000	
105.0404	3/4"	56	64	1.120	
105.0405	1"	63	68	1.515	
105.0406	1"1/4	76	77	2.300	
105.0407	1"1/2	84	82	2.500	

COUDE 45 FF

6M (420 bars) sur demande



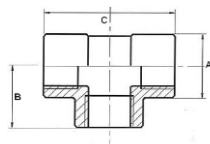
Réf 250b(3M)	DN	A	B	C	Poids	
104.0101	1/4"	27	38	24	0.100	
104.0102	3/8"	34	41	27	0.230	
104.0103	1/2"	39	50	31	0.300	
104.0104	3/4"	46	59	37	0.400	
104.0105	1"	56	67	42	0.700	
104.0106	1"1/4	63	48	67	1.220	
104.0107	1"1/2	75	55	76	2.010	
104.0108	2"	86	68	89	2.130	



GAZ 250 et 420 bars A105N

A350LF2 SUR DEMANDE

TE FFF

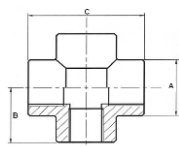


Réf 250b(3M)	DN	A	B	C	Poids	
104.0901	1/4"	25	25	50	0.210	
104.0902	3/8"	34	29	58	0.400	
104.0903	1/2"	39	33	66	0.550	
104.0904	3/4"	46	38	76	0.800	
104.0905	1"	56	44	88	1.300	
104.0906	1"1/4	63	51	102	1.500	
104.0907	1"1/2	76	60	120	2.200	
104.0908	2"	84	64	128	3.100	
104.0909	2"1/2	104	81	165	7.000	
104.0910	3"	123	93	188	10.300	

Réf 420b(6M)	DN	A	B	C	Poids	
105.0901	1/4"	34	29	58	0.420	
105.0902	3/8"	39	33	66	0.530	
105.0903	1/2"	46	38	76	0.940	
105.0904	3/4"	56	44	88	1.610	
105.0905	1"	63	51	102	2.100	
105.0906	1"1/4	76	60	120	3.340	
105.0907	1"1/2	84	64	128	4.530	

CROIX FFFF

6M (420 bars) sur demande

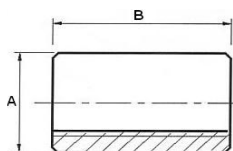


Réf 250b(3M)	DN	A	B	C	Poids	
104.0801	1/4"	25	25	50	0.210	
104.0802	3/8"	34	29	58	0.400	
104.0803	1/2"	39	33	66	0.590	
104.0804	3/4"	46	38	76	0.700	
104.0805	1"	56	44	88	1.460	

GAZ 250 et 420 bars A105N

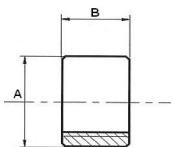
A350LF2 SUR DEMANDE

MANCHON FF



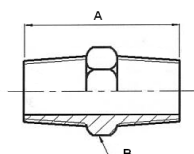
Réf 250b(3M)	DN	A	B	Poids	
104.1700	1/8"	16	20	0.050	
104.1701	1/4"	20	20	0.035	
104.1702	3/8"	25	30	0.060	
104.1703	1/2"	30	35	0.115	
104.1704	3/4"	36	40	0.160	
104.1705	1"	50	45	0.450	
104.1706	1"1/4	60	50	0.610	
104.1707	1"1/2	70	55	1.000	
104.1708	2"	80	60	1.150	
104.1709	2"1/2	95	70	1.500	
104.1710	3"	110	75	2.100	
104.1712	4"	140	75	3.200	
Réf 420b(6M)	DN	A	B	Poids	
105.1701	1/4"	25	20	0.110	
105.1702	3/8"	30	30	0.150	
105.1703	1/2"	38	35	0.250	
105.1704	3/4"	45	40	0.330	
105.1705	1"	60	45	0.710	
105.1706	1"1/4	65	50	0.800	
105.1707	1"1/2	80	55	1.430	
105.1708	2"	90	60	1.770	

DEMI-MANCHON F



Réf 250b(3M)	DN	A	B	Poids	
104.2200	1/8"	16	10	0.015	
104.2201	1/4"	20	10	0.020	
104.2202	3/8"	25	15	0.030	
104.2203	1/2"	30	17.5	0.055	
104.2204	3/4"	36	20	0.080	
104.2205	1"	50	22.5	0.200	
104.2206	1"1/4	60	25	0.290	
104.2207	1"1/2	70	27.5	0.450	
104.2208	2"	80	30	0.600	
Réf 420b(6M)	DN	A	B	Poids	
105.2201	1/4"	25	10	0.040	
105.2202	3/8"	30	15	0.090	
105.2203	1/2"	38	17.5	0.120	
105.2204	3/4"	45	20	0.220	
105.2205	1"	60	22.5	0.390	
105.2206	1"1/4	65	25	0.520	
105.2207	1"1/2	80	27.5	0.590	
105.2208	2"	90	30	1.050	

MAMELON MM



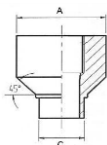
Réf 250b(3M)	DN	A	B	Poids	
104.1600	1/8"	26	14	0.015	
104.1601	1/4"	30	14	0.025	
104.1602	3/8"	32	19	0.035	
104.1603	1/2"	39	22	0.065	
104.1604	3/4"	44	27	0.115	
104.1605	1"	50	35	0.165	
104.1606	1"1/4	58	46	0.320	
104.1607	1"1/2	62	50	0.510	
104.1608	2"	68	63	0.700	
104.1609	2"1/2	80	77	1.510	
104.1610	3"	92	90	2.300	
Réf 420b(6M)	DN	A	B	Poids	
105.1601	1/4"	30	14	0.020	
105.1602	3/8"	32	19	0.050	
105.1603	1/2"	39	22	0.090	
105.1604	3/4"	44	27	0.150	
105.1605	1"	50	35	0.260	



GAZ 250 et 420 bars A105N

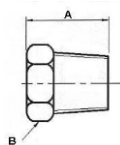
A350LF2 SUR DEMANDE

BOSSAGE A SOUDER 3/6M



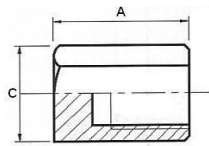
Réf 3/6M	DN	A	C	Poids	
104.4201	1/4"	25	14	0.060	
104.4202	3/8"	33	17.5	0.090	
104.4203	1/2"	38	21.5	0.140	
104.4204	3/4"	45	27	0.190	
104.4205	1"	60	33.6	0.400	
104.4206	1"1/4	65	42.5	0.590	
104.4207	1"1/2	75	48.5	0.079	
104.4208	2"	95	61	1.490	
104.4209	2"1/2				

BOUCHON MTH GAZ CONIQUE 3/6M



Réf 3/6M	DN	A	B	Poids	
104.1400	1/8"	16	14	0.015	
104.1401	1/4"	18	14	0.020	
104.1402	3/8"	19	19	0.036	
104.1403	1/2"	23	22	0.065	
104.1404	3/4"	26	27	0.115	
104.1405	1"	28	35	0.210	
104.1406	1"1/4	35	46	0.410	
104.1407	1"1/2	35	50	0.590	
104.1408	2"	42	63	1.050	
104.1409	2"1/2	48	77	1.720	
104.1410	3"	52	90	2.700	

BOUCHON FEMELLE TH



Réf 250b(3M)	DN	A	C	Poids	
104.1100	1/8"	18	17	0.040	
104.1101	1/4"	18	22	0.045	
104.1102	3/8"	19	27	0.045	
104.1103	1/2"	23	30	0.150	
104.1104	3/4"	27	35	0.145	
104.1105	1"	32	45	0.320	
104.1106	1"1/4	34	54	0.400	
104.1107	1"1/2	38	65	0.700	
104.1108	2"	45	75	1.200	
104.1109	2"1/2	60	88	2.110	
104.1110	3"	65	100	2.800	

Réf 420b(6M)	DN	A	C	Poids	
105.1101	1/4"			0.090	
105.1102	3/8"			0.170	
105.1103	1/2"			0.330	
105.1104	3/4"			0.670	
105.1105	1"			0.980	
105.1106	1"1/4			1.520	
105.1107	1"1/2			1.530	



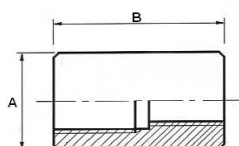
GAZ 250 et 420 bars A105N

A350LF2 SUR DEMANDE



REDUCTION FEMELLE FEMELLE

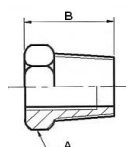
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids
104.2000	1/4" x 1/8"	20	24	0.040
104.2001	3/8" x 1/8"	25	30	0.075
104.2002	3/8" x 1/4"	25	30	0.070
104.2003	1/2" x 1/8"	30	34	0.135
104.2004	1/2" x 1/4"	30	34	0.135
104.2005	1/2" x 3/8"	30	34	0.120
104.2007	3/4" x 1/4"	36	40	0.210
104.2008	3/4" x 3/8"	36	40	0.210
104.2009	3/4" x 1/2"	36	40	0.190
104.2012	1" x 3/8"	50	45	0.500
104.2013	1" x 1/2"	50	45	0.335
104.2014	1" x 3/4"	50	45	0.310
104.2018	1"1/4 x 1/2"	60	50	0.700
104.2019	1"1/4 x 3/4"	60	50	0.600
104.2020	1"1/4 x 1"	60	50	0.400
104.2025	1"1/2 x 3/4"	70	55	1.160
104.2026	1"1/2 x 1"	70	55	1.010
104.2027	1"1/2 x 1"1/4"	70	55	0.600
104.2033	2" x 1"	80	60	1.480
104.2034	2" x 1"1/4"	80	60	1.380
104.2035	2" x 1"1/2"	80	60	0.730
104.2044	2"1/2 x 2"	100	80	1.480
104.2052	3" x 1"1/2"	110	110	3.570
104.2053	3" x 2"	110	110	3.570
104.2054	3" x 2"1/2"	110	110	3.570

REDUCTION MALE FEMELLE

3/6 M



Réf 3/6M	DN	A	B	Poids
104.1800	1/4" x 1/8"	14	18	0.010
104.1801	3/8" x 1/8"	19	19	0.026
104.1802	3/8" x 1/4"	19	19	0.015
104.1803	1/2" x 1/8"	21	23	0.050
104.1804	1/2" x 1/4"	22	23	0.050
104.1805	1/2" x 3/8"	22	23	0.045
104.1807	3/4" x 1/4"	27	26	0.095
104.1808	3/4" x 3/8"	27	26	0.075
104.1809	3/4" x 1/2"	27	26	0.050
104.1811	1" x 1/4"	35	30	0.175
104.1812	1" x 3/8"	35	30	0.165
104.1813	1" x 1/2"	35	30	0.135
104.1814	1" x 3/4"	35	30	0.090
104.1818	1"1/4 x 1/2"	46	33	0.325
104.1819	1"1/4 x 3/4"	46	33	0.270
104.1820	1"1/4 x 1"	46	33	0.195
104.1824	1"1/2 x 1/2"	50	35	0.500
104.1825	1"1/2 x 3/4"	50	35	0.420
104.1826	1"1/2 x 1"	50	35	0.400
104.1827	1"1/2 x 1"1/4"	50	35	0.200
104.1832	2" x 3/4"	65	40	0.790
104.1833	2" x 1"	65	40	0.720
104.1834	2" x 1"1/4"	65	40	0.500
104.1835	2" x 1"1/2"	65	40	0.400
104.1841	2"1/2 x 1"	77	48	1.670
104.1842	2"1/2 x 1"1/4"	77	48	1.250
104.1843	2"1/2 x 1"1/2"	77	48	1.100
104.1844	2"1/2 x 2"	77	48	0.750
104.1852	3" x 1"1/2"	92	52	1.090
104.1853	3" x 2"	92	52	1.400
104.1854	3" x 2"1/2"	92	52	1.800

Autres diamètres sur demande

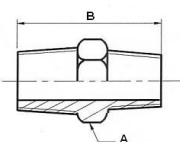


GAZ 250 et 420 bars A105N

A350LF2 SUR DEMANDE

RED MALE MALE

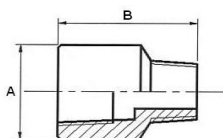
6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids
104.1900	1/4" x 1/8"	14	24	0.020
104.1901	3/8" x 1/8"	19	26	0.035
104.1902	3/8" x 1/4"	19	26	0.027
104.1904	1/2" x 1/4"	22	29	0.070
104.1905	1/2" x 3/8"	22	31	0.065
104.1907	3/4" x 1/4"	27	33	0.112
104.1908	3/4" x 3/8"	27	35	0.110
104.1909	3/4" x 1/2"	27	38	0.115
104.1912	1" x 3/8"	35	43	0.205
104.1913	1" x 1/2"	35	46	0.205
104.1914	1" x 3/4"	35	48	0.205
104.1918	1"1/4 x 1/2"	46	51	0.410
104.1919	1"1/4 x 3/4"	46	53	0.410
104.1920	1"1/4 x 1"	46	55	0.350
104.1925	1"1/2 x 3/4"	50	56	0.510
104.1926	1"1/2 x 1"	50	58	0.420
104.1927	1"1/2 x 1"1/4"	50	61	0.450
104.1933	2" x 1"	65	62	0.820
104.1934	2" x 1"1/4"	65	65	0.700
104.1935	2" x 1"1/2"	65	66	0.790
104.1943	2"1/2 x 1"1/2"	77	62	1.720
104.1944	2"1/2 x 2"	77	74	1.750
104.1952	3" x 1"1/2"	92	78	2.000
104.1953	3" x 2"	92	80	2.100
104.1954	3" x 2"1/2"	92	80	2.600

RED FEMELLE MALE

6M (420 bars) sur demande



Réf 250b(3M)	DN	A	B	Poids
104.2100	1/4" x 1/8"	20	25	0.035
104.2101	3/8" x 1/8"	25	32	0.065
104.2102	3/8" x 1/4"	25	30	0.055
104.2103	1/2" x 1/8"	30	38	0.145
104.2104	1/2" x 1/4"	30	38	0.110
104.2105	1/2" x 3/8"	30	39	0.105
104.2107	3/4" x 1/4"	36	42	0.160
104.2108	3/4" x 3/8"	36	43	0.165
104.2109	3/4" x 1/2"	36	46	0.175
104.2112	1" x 3/8"	50	45	0.380
104.2113	1" x 1/2"	50	48	0.250
104.2114	1" x 3/4"	50	50	0.260
104.2118	1"1/4 x 1/2"	60	54	0.500
104.2119	1"1/4 x 3/4"	60	36	0.480
104.2120	1"1/4 x 1"	60	58	0.460
104.2125	1"1/2 x 3/4"	70	58	0.880
104.2126	1"1/2 x 1"	70	60	0.750
104.2127	1"1/2 x 1"1/4"	70	63	0.800
104.2133	2" x 1"	80	60	0.950
104.2134	2" x 1"1/4"	80	65	1.100
104.2135	2" x 1"1/2"	80	66	1.020
104.2143	2"1/2 x 1"1/2"	95	80	1.210
104.2144	2"1/2 x 2"	95	80	1.210

Autres diamètres sur demande

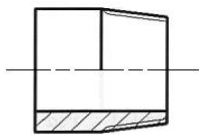


GAZ 250 et 420 bars A106 Gr B

A333 Gr6 SUR DEMANDE

EMBOUT MALE

Sch 80 / 3M A106 Gr B
P265GH

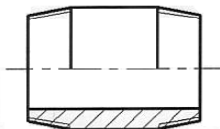


Réf lg 50	DN	Poids	Prix Euro	Réf lg 100	Poids	
104.4715	1/4"	0.030	2.60	104.4736	0.080	
104.4716	3/8"	0.050	2.60	104.4737	0.100	
104.4717	1/2"	0.070	2.60	104.4738	0.190	
104.4718	3/4"	0.100	2.80	104.4739	0.210	
104.4719	1"	0.150	2.95	104.4740	0.310	
104.4720	1"1/4	0.210	6.10	104.4741	0.400	
104.4721	1"1/2	0.240	6.80	104.4742	0.490	
104.4722	2"	0.330	7.70	104.4743	0.690	
104.4723	2"1/2	0.530	22.00	104.4744	1.060	
104.4724	3"	0.680	26.50	104.4745	1.360	

Réf lg 150	DN	Poids	Prix Euro
104.4748	1/4"	0.110	5.10
104.4749	3/8"	0.140	5.15
104.4750	1/2"	0.280	5.30
104.4751	3/4"	0.240	5.90
104.4752	1"	0.350	7.90
104.4753	1"1/4	0.600	9.80
104.4754	1"1/2	0.700	10.05
104.4755	2"	1.080	13.25

BOBINE DOUBLE MM

Sch 80 / 3M A106 Gr B
P265GH



Réf lg 50	DN	Poids	Prix Euro	Réf lg 100	Poids	
104.4515	1/4"	0.030	3.60	104.4536	0.070	
104.4516	3/8"	0.050	3.75	104.4537	0.100	
104.4517	1/2"	0.065	3.80	104.4538	0.140	
104.4518	3/4"	0.090	4.05	104.4539	0.200	
104.4519	1"	0.140	5.20	104.4540	0.290	
104.4520	1"1/4	0.200	7.35	104.4541	0.380	
	1"1/2			104.4542	0.480	
	2"			104.4543	0.620	
	2"1/2			104.4544	1.200	
	3"			104.4545	1.490	

Réf lg 150	DN	Poids	Prix Euro	Réf lg 200	Poids	
104.4548	1/4"	0.110	5.95	104.4560	0.150	
104.4549	3/8"	0.150	6.34	104.4561	0.200	
104.4550	1/2"	0.220	6.64	104.4562	0.360	
104.4551	3/4"	0.300	7.41	104.4563	0.400	
104.4552	1"	0.440	8.51	104.4564	0.600	
104.4553	1"1/4	0.600	11.61	104.4565	0.760	
104.4554	1"1/2	0.720	12.92	104.4566	1.000	
104.4555	2"	1.080	15.97	104.4567	1.240	

Sch 160 (420 bars) sur demande



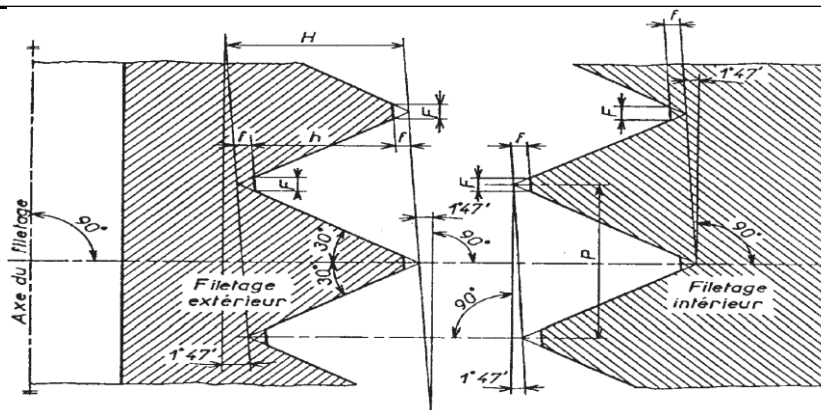
FILETAGE CONIQUE NPT

POUR TUBES

FILETAGE CONIQUE - TAURAUDAGE CONIQUE

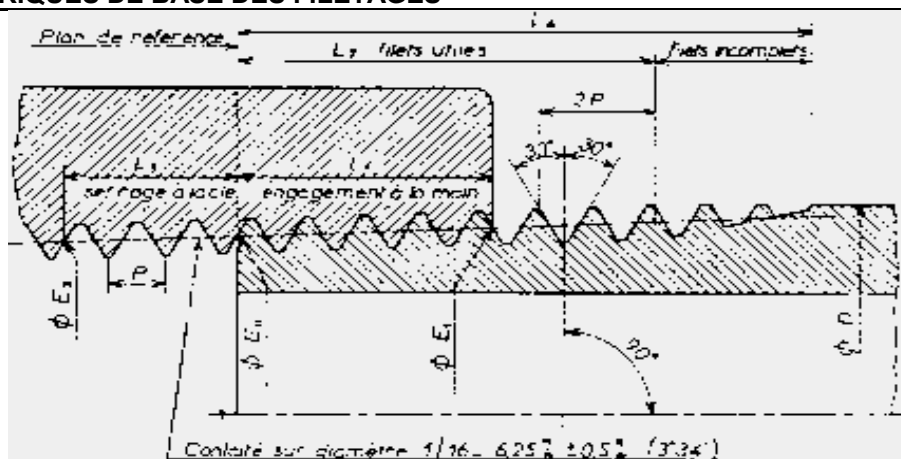
NF E 03-601 - ANSI/ASME B1.20.1 - 1983

PROFIL



Dénomination	Pas P	Nombre de filets par inch dans 25.4	h max 0.8 x P	Troncature		Plats sur filets : F		
				min 0.033 x P	max (0.096 x P) = 0.091	min 0.038 x P	max nominal (0.111 x P) = 0.104	tolérance sur angle de 60°
1/8"	0.941	27	0.753	0.031	(0.096 x P) = 0.091	0.036	(0.111 x P) = 0.104	+ 2°30'
1/4"	1.411	18	1.129	0.047	(0.088 x P) = 0.091	0.036	(0.102 x P) = 0.144	
3/8"	1.411	18	1.129	0.047	(0.088 x P) = 0.124	0.054	(0.102 x P) = 0.144	
1/2"	1.814	14	1.451	0.060	(0.078 x P) = 0.141	0.069	(0.090 x P) = 0.163	+ 2°
3/4"	1.814	14	1.451	0.060	(0.078 x P) = 0.141	0.069	(0.090 x P) = 0.163	
1"	2.209	11 1/2	1.767	0.073	(0.073 x P) = 0.161	0.084	(0.084 x P) = 0.186	
1 1/4"	2.209	11 1/2	1.767	0.073	(0.073 x P) = 0.161	0.084	(0.084 x P) = 0.186	
1 1/2"	2.209	11 1/2	1.767	0.073	(0.073 x P) = 0.161	0.084	(0.084 x P) = 0.186	
2"	2.209	11 1/2	1.767	0.073	(0.073 x P) = 0.161	0.084	(0.084 x P) = 0.186	+ 1°30'
2 1/2"	3.175	8	2.540	0.105	(0.062 x P) = 0.197	0.121	(0.072 x P) = 0.229	
3"	3.175	8	2.540	0.105	(0.062 x P) = 0.197	0.121	(0.072 x P) = 0.229	
4"	3.175	8	2.540	0.105	(0.062 x P) = 0.197	0.121	(0.072 x P) = 0.229	

DIMENSIONS THEORIQUES DE BASE DES FILETAGES



Dénomination	DN	Diamètre extérieur	L1	L2	L3		L4	E0	E1	E3
					Nbre de filets	min				
1/8"	3	10.2	4.10	6.70	3	2.82	9.97	9.233	9.489	9.057
1/4"	6	13.5	5.79	10.21	3	4.23	15.10	12.126	12.487	11.861
3/8"	10	17.2	6.10	10.36	3	4.23	15.26	15.545	15.926	15.281
1/2"	15	21.3	8.13	13.56	3	5.44	19.85	19.264	19.772	18.924
3/4"	20	26.9	8.61	13.86	3	5.44	20.15	24.576	25.117	24.239
1"	25	33.7	10.16	17.34	3	6.63	25.01	30.826	31.461	30.412
1 1/4"	32	42.4	16.67	17.95	3	6.63	25.62	39.551	40.218	39.137
1 1/2"	40	48.3	16.67	18.38	3	6.63	26.04	45.621	46.287	45.206
2"	50	60.3	11.07	19.22	3	6.63	26.88	57.633	58.325	57.219
2 1/2"	65	73	17.32	28.89	2	6.35	39.91	69.076	70.159	68.679
3"	80	88.9	19.46	30.48	2	6.35	41.50	84.852	86.068	84.455
	100	114.3	21.44	33.02	2	6.35	44.04	110.093	111.433	109.696

DIMENSIONNEMENT des raccords suivant ASME B16.11 - 1991 ; BS 3799 - 1974 NF E 29 600 - 1987

Tél : 02 33 42 32 97 - Fax : 02 33 42 14 78

achats@hp-composants.fr

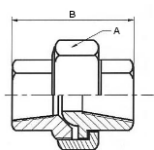


NPT 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

UNION 3 Pièces FF

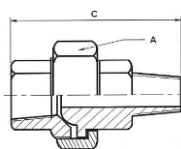
6M sur demande



Réf 250b(3M)	DN	A	B	Poids	
154.2301	1/4"	35	47	0.170	
154.2302	3/8"	40	47	0.250	
154.2303	1/2"	45	52	0.325	
154.2304	3/4"	57	60	0.395	
154.2305	1"	64	64	0.700	
154.2306	1"1/4	73	74	1.160	
154.2307	1"1/2	83	84	1.590	
154.2308	2"	104	91	2.100	
154.2309	2"1/2	122	111	3.750	
154.2310	3"	142	119	5.800	

UNION 3 Pièces MF

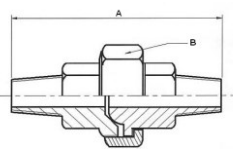
6M sur demande



Réf 250b(3M)	DN	A	C	Poids	
154.2401	1/4"	35	62	0.190	
154.2402	3/8"	40	70	0.280	
154.2403	1/2"	45	74.5	0.390	
154.2404	3/4"	57	83	0.510	
154.2405	1"	64	92	0.890	
154.2406	1"1/4	73	104	1.400	
154.2407	1"1/2	83	118	1.900	
154.2408	2"	104	124	2.600	
154.2409	2"1/2	122	149	4.990	
154.2410	3"	142	159	6.590	

UNION 3 Pièces MM

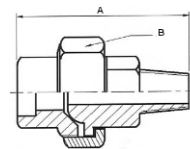
6M sur demande



Réf 250b(3M)	DN	A	B	Poids	
154.2501	1/4"	80	35	0.215	
154.2502	3/8"	84	40	0.315	
154.2503	1/2"	88	45	0.445	
154.2504	3/4"	104	57	0.730	
154.2505	1"	115	64	1.100	
154.2506	1"1/4	134	73	1.680	
154.2507	1"1/2	141	83	2.050	
154.2508	2"	153	104	3.360	

UNION 3 Pièces M NPT-SW

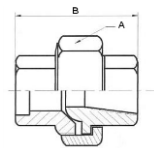
6M sur demande



Réf 250b(3M)	DN	A	B	Poids	
154.3001	1/4"	47	35	0.190	
154.3002	3/8"	47	40	0.280	
154.3003	1/2"	52	45	0.390	
154.3004	3/4"	60	57	0.510	
154.3005	1"	64	64	0.890	
154.3006	1"1/4	74	73	1.400	
154.3007	1"1/2	84	83	1.900	
154.3008	2"	91	104	2.600	

UNION 3 Pièces F NPT-SW

6M sur demande



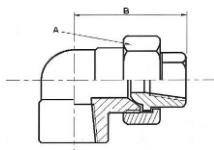
Réf 250b(3M)	DN	A	B	Poids	
154.2901	1/4"	35	62	0.190	
154.2902	3/8"	40	70	0.280	
154.2903	1/2"	45	74.5	0.390	
154.2904	3/4"	57	83	0.510	
154.2905	1"	64	92	0.890	
154.2906	1"1/4	73	104	1.400	
154.2907	1"1/2	83	118	1.900	
154.2908	2"	104	124	2.600	



NPT 3000 et 6000 A105N

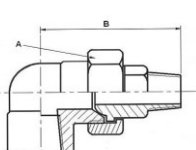
Raccords forgés A350LF2 SUR DEMANDE

COUDE UNION FF



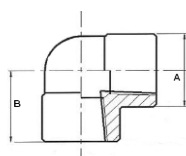
Réf 250b(3M)	DN	A	B	Poids	
154.0601	1/4"	35	49	0.250	
154.0602	3/8"	40	57	0.450	
154.0603	1/2"	45	62	0.580	
154.0604	3/4"	57	70	0.910	
154.0605	1"	64	796	1.420	
154.0606	1"1/4	73	88	2.080	
154.0607	1"1/2	83	101	3.400	
154.0608	2"	104	114	3.970	

COUDE UNION MF



Réf 250b(3M)	DN	A	B	Poids	
154.0701	1/4"	35	68	0.026	
154.0702	3/8"	40	76	0.480	
154.0703	1/2"	45	86	0.650	
154.0704	3/4"	57	94	1.030	
154.0705	1"	64	108	1.570	
154.0706	1"1/4	73	117	2.300	
154.0707	1"1/2	83	131	3.700	
154.0708	2"	104	145	4.420	

COUDE 90 FF



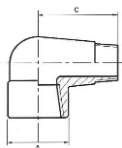
Réf 250b(3M)	DN	A	B	Poids	
154.0200	1/8"	27	25	0.150	
154.0201	1/4"	27	25	0.150	
154.0202	3/8"	34	29	0.305	
154.0203	1/2"	39	33	0.400	
154.0204	3/4"	46	38	0.610	
154.0205	1"	56	44	1.100	
154.0206	1"1/4	63	51	1.250	
154.0207	1"1/2	76	60	2.280	
154.0208	2"	84	64	2.350	
154.0209	2"1/2	102	83	5.400	
154.0210	3"	122	110	8.700	

Réf 420b(6M)	DN	A	B	Poids	
155.0201	1/4"	34	29	0.350	
155.0202	3/8"	39	33	0.440	
155.0203	1/2"	46	38	0.690	
155.0204	3/4"	56	44	1.230	
155.0205	1"	63	51	1.580	
155.0206	1"1/4	76	60	2.660	
155.0207	1"1/2	84	64	3.250	

NPT 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

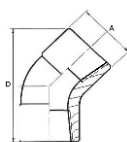
COUDE 90 MF



Réf 250b(3M)	DN	A	C	Poids	
154.0401	1/4"	27	36	0.130	
154.0402	3/8"	34	40	0.210	
154.0403	1/2"	39	48	0.360	
154.0404	3/4"	46	54	0.560	
154.0405	1"	56	64	0.900	
154.0406	1"1/4	63	68	1.220	
154.0407	1"1/2	76	77	2.010	
154.0408	2"	84	82	2.130	

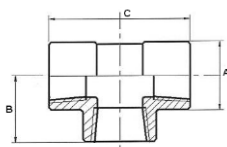
COUDE 45 FF

6M sur demande



Réf 250b(3M)	DN	A	D	Poids	
154.0101	1/4"	27	38	0.100	
154.0102	3/8"	34	41	0.230	
154.0103	1/2"	39	50	0.300	
154.0104	3/4"	46	59	0.400	
154.0105	1"	56	67	0.700	
154.0106	1"1/4	63	79	1.290	
154.0107	1"1/2	76	92	1.550	
154.0108	2"	84	105	1.950	

TE EGAUX FFF

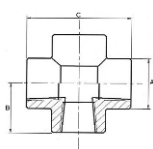


Réf 250b(3M)	DN	A	B	Poids	
154.0900	1/8"	25	25	0.210	
154.0901	1/4"	25	25	0.210	
154.0902	3/8"	34	29	0.400	
154.0903	1/2"	39	33	0.550	
154.0904	3/4"	46	38	0.800	
154.0905	1"	56	44	1.300	
154.0906	1"1/4	63	51	1.500	
154.0907	1"1/2	76	60	2.200	
154.0908	2"	84	64	3.100	
154.0909	2"1/2	115	67	7.000	
154.0910	3"	122	76	10.300	

Réf 420b(6M)	DN	A	B	Poids	
155.0901	1/4"	34	29	0.420	
155.0902	3/8"	39	33	0.530	
155.0903	1/2"	46	38	0.940	
155.0904	3/4"	56	44	1.610	
155.0905	1"	63	51	2.100	
155.0906	1"1/4	76	60	3.340	
155.0907	1"1/2	84	64	4.530	
155.0908	2"	115	67	7.000	

CROIX FFFF

6M sur demande



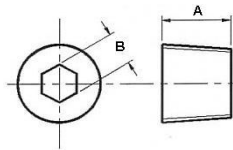
Réf 250b(3M)	DN	A	B	Poids	
154.0801	1/4"	25	25	0.210	
154.0802	3/8"	34	29	0.400	
154.0803	1/2"	39	33	0.590	
154.0804	3/4"	46	38	0.700	
154.0805	1"	56	44	1.460	
154.0806	1"1/4	63	51	2.069	
154.0807	1"1/2	76	60	3.660	
154.0808	2"	84	64	4.500	



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Raccords forgés A350LF2 SUR DEMANDE

BOUCHON M 6 Pans Creux



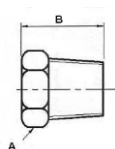
Réf 250b(3M)	DN	A	B	Poids	
154.1300	1/8"	8	5	0.002	
154.1301	1/4"	10	6	0.005	
154.1302	3/8"	11	8	0.010	
154.1303	1/2"	13	10	0.025	
154.1304	3/4"	17	14	0.050	
154.1305	1"	19	17	0.090	

BOUCHON M Tête Carrée



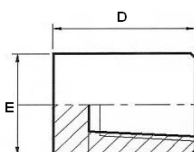
Réf 250b(3M)	DN	A	B	Poids	
154.6100	1/8"				
154.6101	1/4"				
154.6102	3/8"				
154.6103	1/2"				
154.6104	3/4"				
154.6105	1"				
154.6106	1"1/4				
154.6107	1"1/2				
154.6108	2"				

BOUCHON MTH 3/6M



Réf 250b(3M)	DN	A	B	Poids	
154.1400	1/8"	14	16	0.015	
154.1401	1/4"	14	17	0.020	
154.1402	3/8"	19	21	0.040	
154.1403	1/2"	22	23	0.060	
154.1404	3/4"	27	26	0.120	
154.1405	1"	35	29	0.200	
154.1406	1"1/4	46	35	0.430	
154.1407	1"1/2	50	37	0.540	
154.1408	2"	63	39	0.970	
154.1409	2"1/2	75	46	1.980	
154.1410	3"	90	50	3.020	

BOUCHON FEMELLE T. Ronde



Réf 250b(3M)	DN	D	E	Poids	
154.1200	1/8"	25	20	0.040	
154.1201	1/4"	25	20	0.040	
154.1202	3/8"	25	25	0.070	
154.1203	1/2"	32	30	0.163	
154.1204	3/4"	37	36	0.190	
154.1205	1"	41	45	0.350	
154.1206	1"1/4	44	60	0.650	
154.1207	1"1/2	44	65	0.750	
154.1208	2"	48	75	1.000	
154.1209	2"1/2	60	95	2.110	
154.1210	3"	65	110	3.000	

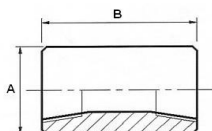
Réf 420b(6M)	DN	D	E	Poids	
155.1201	1/4"	27	25	0.052	
155.1202	3/8"	27	33	0.052	
155.1203	1/2"	33	38	0.250	
155.1204	3/4"	38	45	0.370	
155.1205	1"	43	60	0.770	
155.1206	1"1/4	46	65	1.000	
155.1207	1"1/2	48	75	1.100	
155.1208	2"	51	95	1.230	
155.1209	2"1/2	64	110	3.400	
155.1210	3"	68	127	3.400	



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Raccords forgés A350LF2 SUR DEMANDE

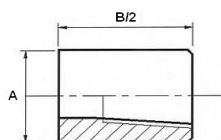
MANCHON FF



Réf 250b(3M)	DN	A	B	Poids	
154.1700	1/8"	20	32	0.040	
154.1701	1/4"	20	35	0.050	
154.1702	3/8"	25	38	0.080	
154.1703	1/2"	30	48	0.160	
154.1704	3/4"	36	51	0.210	
154.1705	1"	45	60	0.390	
154.1706	1"1/4	60	67	0.750	
154.1707	1"1/2	65	79	1.100	
154.1708	2"	75	86	1.340	
154.1709	2"1/2	95	92	2.100	
154.1710	3"	110	108	3.020	

Réf 420b(6M)	DN	A	B	Poids	
155.1701	1/4"	25	35	0.130	
155.1702	3/8"	33	38	0.160	
155.1703	1/2"	38	48	0.360	
155.1704	3/4"	45	51	0.440	
155.1705	1"	60	60	0.850	
155.1706	1"1/4	65	67	1.400	
155.1707	1"1/2	75	79	1.840	
155.1708	2"	95	86	2.770	

DEMI-MANCHON FEM



Réf 250b(3M)	DN	A	B/2	Poids	
154.2200	1/8"	20	16	0.025	
154.2201	1/4"	20	17.5	0.030	
154.2202	3/8"	25	19	0.040	
154.2203	1/2"	30	24	0.080	
154.2204	3/4"	36	25.5	0.110	
154.2205	1"	45	30	0.190	
154.2206	1"1/4	60	33.5	0.420	
154.2207	1"1/2	65	39.5	0.450	
154.2208	2"	75	43	0.620	
154.2209	2"1/2	95	46	1.180	
154.2210	3"	110	54	1.510	

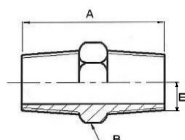
Réf 420b(6M)	DN	A	B/2	Poids	
155.2201	1/4"	20	17.5	0.060	
155.2202	3/8"	25	19	0.090	
155.2203	1/2"	30	24	0.160	
155.2204	3/4"	36	25.5	0.230	
155.2205	1"	45	30	0.500	
155.2206	1"1/4	60	33.5	0.520	
155.2207	1"1/2	65	39.5	0.885	
155.2208	2"	75	43	0.890	
155.2209	2"1/2	95	46	1.180	



NPT 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

MAMELON MM

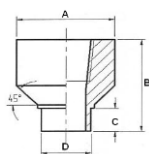


<i>Réf 250b(3M)</i>	<i>DN</i>	<i>A</i>	<i>B</i>	<i>E</i>	<i>Poids</i>	
154.1600	1/8"	26	14	5	0.015	
154.1601	1/4"	36	14	8	0.020	
154.1602	3/8"	40	19	11	0.040	
154.1603	1/2"	48	22	14	0.060	
154.1604	3/4"	52	27	18	0.100	
154.1605	1"	60	35	24	0.190	
154.1606	1"1/4	55	46	29	0.290	
154.1607	1"1/2	68	50	38	0.380	
154.1608	2"	71	63	49	0.780	
154.1609	2"1/2	74	75	59	1.090	
154.1610	3"	77	90	70	1.380	

<i>Réf 420b(6M)</i>	<i>DN</i>	<i>A</i>	<i>B</i>	<i>E</i>	<i>Poids</i>	
155.1601	1/4"	36	14	6	0.030	
155.1602	3/8"	40	19	8	0.050	
155.1603	1/2"	48	22	11	0.090	
155.1604	3/4"	52	27	13	0.160	
155.1605	1"	60	35	17	0.300	
155.1606	1"1/4	55	46	21	0.510	
155.1607	1"1/2	68	50	30	0.595	
155.1608	2"	71	63	39	0.890	
155.1610	3"	79	90	44	2.180	

BOSSAGE A SOUDER

3/6M



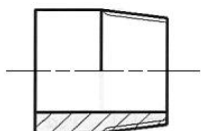
<i>Réf 3/6M</i>	<i>DN</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>Poids</i>	
154.4201	1/4"	26	30.5	9.5	14	0.060	
154.4202	3/8"	33	30.5	9.5	17.4	0.090	
154.4203	1/2"	38	33.5	9.5	21.6	0.140	
154.4204	3/4"	45	35	9.5	26.9	0.200	
154.4205	1"	60	43	9.5	33.6	0.460	
154.4206	1"1/4	65	48	9.5	42.4	0.570	
154.4207	1"1/2	75	51	9.5	48.5	0.980	
154.4208	2"	95	57.5	9.5	60.3	1.490	

NPT 3000 et 6000 A106 Gr B

A333 Gr6 SUR DEMANDE

EMBOUT MALE

Sch 80 / 3M A106 Gr B
P265GH

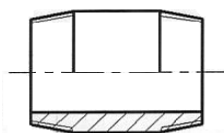


Réf lg 50	DN	Poids	Prix Euro	Réf lg 75	Poids
154.4715	1/4"	0.030	1.73	154.4724	0.045
154.4716	3/8"	0.050	1.78	154.4725	0.075
154.4717	1/2"	0.070	1.78	154.4726	0.110
154.4718	3/4"	0.100	1.90	154.4727	0.150
154.4719	1"	0.150	2.36	154.4728	0.225
	1"1/4			154.4729	0.250
	1"1/2			154.4730	0.370
	2"			154.4731	0.510
	2"1/2			154.4732	0.777
	3"			154.4733	1.046

Réf lg 100	DN	Poids	Prix Euro	Réf lg 150	Poids
154.4736	1/4"	0.080	2.35	154.4748	0.110
154.4737	3/8"	0.100	2.35	154.4749	0.140
154.4738	1/2"	0.190	2.35	154.4750	0.230
154.4739	3/4"	0.210	2.42	154.4751	0.240
154.4740	1"	0.310	3.00	154.4752	0.350
154.4741	1"1/4	0.400	4.23	154.4753	0.600
154.4742	1"1/2	0.490	5.00	154.4754	0.700
154.4743	2"	0.690	6.30	154.4755	1.080
154.4744	2"1/2	1.037	21.33		
154.4745	3"	1.394	22.00		
154.4746	4"	2.044	25.80		

BOBINE DOUBLE MM

Sch 80 / 3M A106 Gr B
P265GH

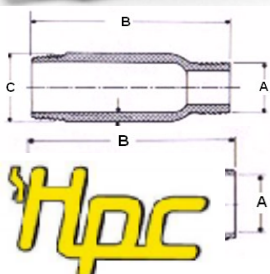


Réf lg 50	DN	Poids	Prix Euro	Réf lg 75	Poids
154.4515	1/4"	0.030	2.08	154.4524	0.045
154.4516	3/8"	0.050	2.08	154.4525	0.075
154.4517	1/2"	0.065	2.08	154.4526	0.110
154.4518	3/4"	0.090	2.76	154.4527	0.150
154.4519	1"	0.140	3.35	154.4528	0.225
	1"1/4			154.4529	0.250
	1"1/2			154.4530	0.380
	2"			154.4531	0.520

Réf lg 100	DN	Poids
154.4536	1/4"	0.070
154.4537	3/8"	0.100
154.4538	1/2"	0.140
154.4539	3/4"	0.200
154.4540	1"	0.290
154.4541	1"1/4	0.380
154.4542	1"1/2	0.480
154.4543	2"	0.620
154.4544	2"1/2	1.060

SWEDGE NIPPLE

Réf	DN	Poids
SN154.19xx		



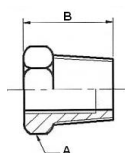
Sch 160 / 6M sur demande

NPT 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

REDUCTION MALE FEMELLE

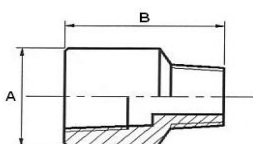
3/6M



Réf 3/6M	DN	A	B	Poids
154.1800	1/4" x 1/8"	14	20	0.010
154.1801	3/8" x 1/8"	19	17	0.025
154.1802	3/8" x 1/4"	19	17	0.020
154.1804	1/2" x 1/4"	22	20	0.040
154.1805	1/2" x 3/8"	22	20	0.030
154.1807	3/4" x 1/4"	27	22	0.070
154.1808	3/4" x 3/8"	27	22	0.070
154.1809	3/4" x 1/2"	27	22	0.050
154.1811	1" x 1/4"	35	25	0.180
154.1812	1" x 3/8"	35	25	0.140
154.1813	1" x 1/2"	35	25	0.120
154.1814	1" x 3/4"	35	25	0.080
154.1818	1"1/4 x 1/2"	46	28	0.300
154.1819	1"1/4 x 3/4"	46	28	0.270
154.1820	1"1/4 x 1"	46	28	0.200
154.1822	1"1/2 x 1/4"	50	29	0.600
154.1824	1"1/2 x 1/2"	50	29	0.600
154.1825	1"1/2 x 3/4"	50	29	0.500
154.1826	1"1/2 x 1"	50	29	0.450
154.1827	1"1/2 x 1"1/4"	50	29	0.270
154.1831	2" x 1/2"	65	31	0.880
154.1832	2" x 3/4"	65	31	0.820
154.1833	2" x 1"	65	31	0.670
154.1834	2" x 1"1/4"	65	31	0.410
154.1835	2" x 1"1/2"	65	31	0.350
154.1841	2"1/2 x 1"	65	31	1.500
154.1842	2"1/2 x 1"1/4"	77	42	1.500
154.1843	2"1/2 x 1"1/2"	77	42	1.500
154.1844	2"1/2 x 2"	77	42	0.660
154.1852	3" x 1"1/2"	90	52	1.800
154.1853	3" x 2"	90	52	1.800
154.1854	3" x 2"1/2"	90	52	1.800
154.1874	4" x 2"		55	2.960
154.1876	4" x 3"		55	2.960

REDUCTION FEMELLE MALE

6M sur demande



Réf 3M	DN	A	B	Poids
154.2100	1/4" x 1/8"	20	29	0.050
154.2102	3/8" x 1/4"	25	32	0.060
154.2104	1/2" x 1/4"	30	37	0.100
154.2105	1/2" x 3/8"	30	38	0.100
154.2107	3/4" x 1/4"	36	46	0.230
154.2108	3/4" x 3/8"	36	46	0.230
154.2109	3/4" x 1/2"	36	45	0.240
154.2111	1" x 1/4"	45	57	0.350
154.2112	1" x 3/8"	45	48	0.360
154.2113	1" x 1/2"	45	48	0.350
154.2114	1" x 3/4"	45	50	0.360
154.2117	1"1/4 x 3/8"	60	58	0.470
154.2118	1"1/4 x 1/2"	60	58	0.590
154.2119	1"1/4 x 3/4"	60	58	0.600
154.2120	1"1/4 x 1"	60	69	0.510
154.2124	1"1/2 x 1/2"	65	65	0.830
154.2125	1"1/2 x 3/4"	65	58	0.840
154.2126	1"1/2 x 1"	65	70	0.820
154.2127	1"1/2 x 1"1/4"	65	70	0.800
154.2130	2" x 3/8"	75	60	1.060
154.2131	2" x 1/2"	75	60	0.880
154.2132	2" x 3/4"	75	62	1.080
154.2133	2" x 1"	75	73	1.030
154.2134	2" x 1"1/4"	75	75	1.100
154.2135	2" x 1"1/2"	75	75	1.120
154.2144	2"1/2 x 2"	95	80	2.100



res sur demande

Tél : 02 33 42 32 97 - Fax : 02 33 42 14 78

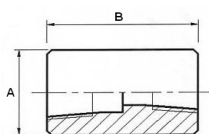
achats@hp-composants.fr

NPT 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

REDUCTION FEMELLE FEMELLE

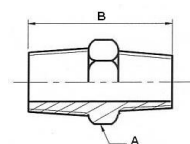
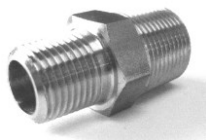
6M sur demande



Réf 3/6M	DN	A	B	Poids
154.2000	1/4" x 1/8"	20	34	0.050
154.2001	3/8" x 1/8"	25	38	0.075
154.2002	3/8" x 1/4"	25	38	0.070
154.2004	1/2" x 1/4"	30	48	0.190
154.2005	1/2" x 3/8"	30	48	0.170
154.2007	3/4" x 1/4"	36	51	0.290
154.2008	3/4" x 3/8"	36	51	0.270
154.2009	3/4" x 1/2"	36	51	0.250
154.2011	1" x 1/4"	45	60	0.540
154.2012	1" x 3/8"	45	60	0.540
154.2013	1" x 1/2"	45	60	0.510
154.2014	1" x 3/4"	45	60	0.480
154.2017	1 1/4" x 3/8"	57	67	1.040
154.2018	1 1/4" x 1/2"	57	67	1.100
154.2019	1 1/4" x 3/4"	57	67	1.250
154.2020	1 1/4" x 1"	57	67	0.830
154.2024	1 1/2" x 1/2"	65	79	1.670
154.2025	1 1/2" x 3/4"	65	79	1.440
154.2026	1 1/2" x 1"	65	79	1.370
154.2027	1 1/2" x 1 1/4"	65	79	1.190
154.2032	2" x 3/4"	76	86	1.920
154.2033	2" x 1"	76	86	1.960
154.2034	2" x 1 1/4"	76	86	1.820
154.2035	2" x 1 1/2"	76	86	1.730
154.2044	2 1/2" x 2"	95	92	2.500
154.2052	3" x 1 1/2"	110	108	4.500
154.2053	3" x 2"	110	108	4.500
154.2054	3" x 2 1/2"	110	108	4.500

REDUCTION MALE MALE

6M sur demande

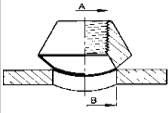


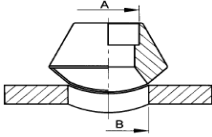
Réf 3M	DN	A	B	Poids
154.1900	1/4" x 1/8"	14	31	0.030
154.1901	3/8" x 1/8"	19	39	0.035
154.1902	3/8" x 1/4"	19	39	0.050
154.1903	1/2" x 1/8"	22	43	0.070
154.1904	1/2" x 1/4"	22	43	0.070
154.1905	1/2" x 3/8"	22	43	0.070
154.1906	3/4" x 1/8"	27	44	0.170
154.1907	3/4" x 1/4"	27	44	0.120
154.1908	3/4" x 3/8"	27	46	0.140
154.1909	3/4" x 1/2"	27	50	0.110
154.1911	1" x 1/4"	35	50	0.350
154.1912	1" x 3/8"	35	50	0.340
154.1913	1" x 1/2"	35	55	0.220
154.1914	1" x 3/4"	35	56	0.190
154.1916	1 1/4" x 1/4"	46	58	0.240
154.1917	1 1/4" x 3/8"	46	58	0.220
154.1918	1 1/4" x 1/2"	46	58	0.420
154.1919	1 1/4" x 3/4"	46	58	0.440
154.1920	1 1/4" x 1"	46	60	0.410
154.1925	1 1/2" x 3/4"	50	67	0.650
154.1926	1 1/2" x 1"	50	67	0.610
154.1927	1 1/2" x 1 1/4"	50	62	0.410
154.1931	2" x 1/2"	65	69	1.150
154.1932	2" x 3/4"	65	67	1.120
154.1933	2" x 1"	65	67	1.070
154.1934	2" x 1 1/4"	65	67	0.990
154.1935	2" x 1 1/2"	65	80	0.700
154.1943	2 1/2" x 1 1/2"	77	80	
154.1944	2 1/2" x 2"	77	80	
154.1953	3" x 2"	90	80	
154.1954	3" x 2 1/2"	90	80	
154.1974	4" x 2"	125	80	

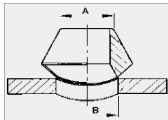
Autres diamètres sur demande



Raccords de dérivation A105N

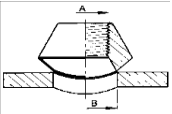
THREDOLET NPT	Réf 3M	DN	Collecteur	Prix Euro	Réf 3M	DN	Collecteur
	154.8110	1/4"	3" - 36"	S/D	154.8137	1"	6" - 36"
	154.8114	3/8"	2"1/2 - 36"	S/D	154.8143	1"1/4	3"-5"
	154.8117	1/2"	3/4" - 1"	7.10	154.8148	1"1/2	2"-3"
	154.8119	1/2"	1"1/4 - 2"1/2	7.10	154.8152	1"1/2	3"1/2 - 5"
	154.8121	1/2"	3" - 36"	7.10	154.8153	1"1/2	6" - 10"
	154.8123	3/4"	1"	8.40	154.8155	1"1/2	12" - 36"
	154.8124	3/4"	1"1/4 - 1"1/2	8.40	154.8159	2"	3"
	154.8126	3/4"	2" - 3"1/2	8.40	154.8160	2"	3"1/2 - 4"
	154.8128	3/4"	4" - 36"	8.40	154.8162	2"	5" - 6"
	154.8131	1"	1"1/4 - 1"1/2	12.00	154.8164	2"	8" - 12"
	154.8133	1"	2" - 2"1/2	12.00	154.8165	2"	14" - 36"
	154.8135	1"	3" - 5"	12.00			

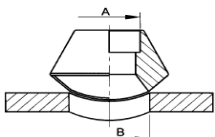
SOCKOLET SW	Réf 3M	DN	Collecteur	Prix Euro	Réf 3M	DN	Collecteur
	204.8010	1/4"	36" - 3"	S/D	204.8035	1"	3" - 5"
	204.8014	3/8"	2"1/2 - 36"	S/D	204.8037	1"	6" - 36"
	204.8017	1/2"	3/4" - 1"	7.10	204.8048	1"1/2	2" - 3"
	204.8019	1/2"	1"1/4 - 2"1/2	7.10	204.8052	1"1/2	3"1/2 - 5"
	204.8021	1/2"	3" - 36"	7.10	204.8053	1"1/2	6" - 10"
	204.8023	3/4"	1"	8.40	204.8055	1"1/2	12" - 36"
	204.8024	3/4"	1"1/4 - 1"1/2	8.40	204.8060	2"	3"1/2 - 4"
	204.8026	3/4"	2" - 3"1/2	8.40	204.8062	2"	5" - 6"
	204.8028	3/4"	4" - 36"	8.40	204.8064	2"	8" - 12"
	204.8033	1"	2" - 2"1/2	12.00	204.8065	2"	14" - 36"
	204.8034	1"	3"1/2-3"	12.00			

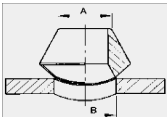
WELDOLET BW	Réf 3M	DN	Collecteur	Prix Euro	Réf 3M	DN	Collecteur
	204.9010	1/4"	3" - 36"	8.50	204.9053	1"1/2	6" - 10"
	204.9014	3/8"	3"-36"	8.50	204.9055	1"1/2	12" - 36"
	204.9017	1/2"	3/4" - 1"	7.10	204.9060	2"	3"1/2 - 4"
	204.9019	1/2"	1"1/4 - 2"1/2	7.10	204.9062	2"	5" - 6"
	204.9021	1/2"	3" - 36"	7.10	204.9064	2"	8" - 12"
	204.9023	3/4"	1"	8.40	204.9065	2"	14" - 36"
	204.9024	3/4"	1"1/4 - 1"1/2	8.40	204.9080	3"	6"
	204.9026	3/4"	2" - 3"1/2	8.40	204.9081	3"	8"
	204.9028	3/4"	4" - 36"	8.40	204.9083	3"	12"-14"
	204.9031	1"	1"1/4 - 1"1/2	12.00	204.9085	3"	24"-36"
	204.9033	1"	2" - 2"1/2	12.00	204.9094	4"	6"
	204.9035	1"	3" - 5"	12.00	204.9095	4"	8"
	204.9037	1"	6" - 36"	12.00	204.9099	4"	24"-36"
	204.9052	1"1/2	3"1/2 - 5"	22.00			

NIPOLET	Réf 3M	DN	Collecteur
	154.90xx		
	204.91xx		S/D

Raccords de dérivation A350LF2

THREDOLET NPT	Réf 3M	DN	Collecteur	Prix Euro	Réf 3M	DN	Collecteur
 	A154.8114	3/8"	2"1/2 - 36"	S/D	A154.8133	1"	2" - 2"1/2
	A154.8117	1/2"	3/4" - 1"	S/D	A154.8135	1"	3" - 5"
	A154.8119	1/2"	1"1/4 - 2"1/2	9.00	A154.8137	1"	6" - 36"
	A154.8120	1/2"	8" - 3"	9.00	A154.8152	1"1/2	3"1/2 - 5"
	A154.8121	1/2"	4" - 36"	9.00	A154.8153	1"1/2	6" - 10"
	A154.8123	3/4"	1"	S/D	A154.8155	1"1/2	12" - 36"
	A154.8124	3/4"	1"1/4 - 1"1/2	11.00	A154.8160	2"	3"1/2 - 4"
	A154.8126	3/4"	2" - 3"1/2	11.00	A154.8162	2"	5" - 6"
	A154.8128	3/4"	4" - 36"	11.00	A154.8164	2"	8" - 12"
	A154.8131	1"	1"1/4 - 1"1/2	14.00	A154.8165	2"	14" - 36"

SOCKOLET SW	Réf 3M	DN	Collecteur	Prix Euro	Réf 3M	DN	Collecteur
 	A204.8014	3/8"	2"1/2 - 36"	S/D	A204.8048	1"1/2	2" - 1"
	A204.8017	1/2"	3/4" - 1"	9.00	A204.8052	1"1/2	3"1/2 - 5"
	A204.8019	1/2"	1"1/4 - 2"1/2	S/D	A204.8053	1"1/2	6" - 10"
	A204.8021	1/2"	3" - 36"	9.00	A204.8055	1"1/2	12" - 36"
	A204.8026	3/4"	2" - 3"1/2	11.00	A204.8060	2"	3"1/2 - 4"
	A204.8028	3/4"	4" - 36"	11.00	A204.8062	2"	5" - 6"
	A204.8033	1"	2" - 2"1/2	14.00	A204.8064	2"	8" - 12"
	A204.8035	1"	3" - 5"	14.00	A204.8065	2"	14" - 36"
	A204.8037	1"	6" - 36"	14.00			

WELDOLET BW	Réf 3M	DN	Collecteur	Prix Euro	Réf 3M	DN	Collecteur
 	A204.9014	3/8"	2"1/2-36"	S/D	A204.9035	1"	3" - 5"
	A204.9017	1/2"	3/4" - 1"	9.00	A204.9037	1"	6" - 36"
	A204.9019	1/2"	1"1/4 - 2"1/2	9.00	A204.9052	1"1/2	3"1/2 - 5"
	A204.9021	1/2"	3" - 36"	9.00	A204.9055	1"1/2	12" - 36"
	A204.9023	3/4"	1"	S/D	A204.9060	2"	3"1/2 - 4"
	A204.9024	3/4"	1"1/4 - 1"1/2	11.00	A204.9062	2"	5" - 6"
	A204.9026	3/4"	2" - 3"1/2	11.00	A204.9064	2"	8" - 12"
	A204.9028	3/4"	4" - 36"	11.00	A204.9065	2"	14" - 36"
	A204.9031	1"	1"1/4 - 1"1/2	14.00			

FORGE SW

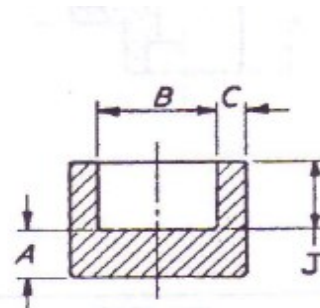
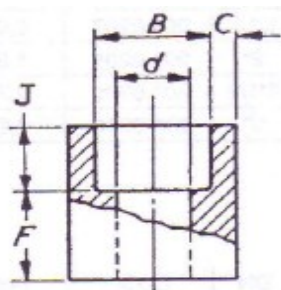
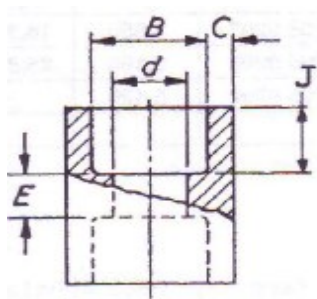
SOCKET WELDING



NF E 29 600 - 1987 - BS 3799 - 1974

ASME B 16 11 - 2005

CARACTERISTIQUES TECHNIQUES



DIAMETRE NOMINAL		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
B	Mini	10.65	14.1	17.55	21.7	27.05	33.8	42.55	48.65	61.1	73.8	89.8	115.45
	Maxi	11.15	14.6	18.05	22.2	27.55	34.8	43.05	49.15	61.6	74.45	90.4	116.05
D	3000 lbs	Mini	6.1	8.5	11.8	15	20.2	27.55	34.8	40.1	51.74	61.2	76.4
		Maxi	7.6	10	13.3	16.6	21.4	27.04	35.8	41.7	53.5	64.2	79.5
	6000 lbs	Mini	3.2	5.6	8.4	11	14.8	19.9	28.7	33.2	42.1		
		Maxi	4.87	7.1	9.9	12.5	16.3	21.5	30.2	34.7	43.6		
C	3000 lbs	Moy	3.2	3.8	4	4.65	4.9	5.7	6.05	6.35	6.95	8.75	9.5
		Maxi	3.2	3.3	3.5	4.1	4.25	5	5.3	5.55	6.05	7.65	8.3
	6000 lbs	Moy	3.95	4.6	5.05	5.95	6.95	7.9	7.9	8.9	10.9		
		Maxi	3.45	4	4.35	5.2	6.05	6.95	6.95	7.8	0.5		
G mini	3000 lbs	2.4	3	3.2	3.75	3.9	4.55	4.85	5.1	5.55	7	7.6	8.55
	6000 lbs	3.15	3.7	4	4.8	5.55	6.35	6.35	7.15	8.75			
J mini		10	10	10	10	13	13	13	13	16	16	16	19
E		5	5	6	8	8	12	12	12	18	18	18	22
F		15	15	16	21	22	27	28	30	39	40	42	45
K mini	3000 lbs	5	5	6.5	6.5	9.5	9.5	11	12.5	16	19	22	
	6000 lbs	6.5	6.5	8	8	11	11	12.5	16	19	22	28.5	



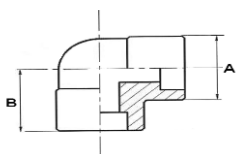
SW 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

COUDE 90° FF



Réf 3M	DN	A	B	Poids	
204.0200	1/8"	23	21	0.080	
204.0201	1/4"	23	21	0.085	
204.0202	3/8"	27	24	0.125	
204.0203	1/2"	34	26	0.255	
204.0204	3/4"	39	32	0.310	
204.0205	1"	46	35	0.450	
204.0206	1"1/4	56	40	0.700	
204.0207	1"1/2	63	45	0.900	
204.0208	2"	78	54	1.500	
204.0209	2"1/2	97	115	2.700	
204.0210	3"	112	131	4.230	

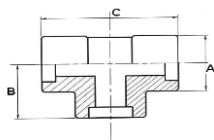


Réf 6M	DN	A	B	Poids	
205.0201	1/4"	27	24	0.150	
205.0202	3/8"	34	26	0.290	
205.0203	1/2"	39	32	0.350	
205.0204	3/4"	46	35	0.690	
205.0205	1"	56	40	1.100	
205.0206	1"1/4	63	45	1.210	
205.0207	1"1/2	78	54	2.650	
205.0208	2"	97	115	3.190	
205.0209	2"1/2	112	131	5.420	

TE FFF



Réf 3M	DN	A	B	C	Poids	
204.0901	1/4"	23	21	42	0.115	
204.0902	3/8"	27	24	48	0.170	
204.0903	1/2"	34	26	52	0.315	
204.0904	3/4"	39	32	64	0.320	
204.0905	1"	46	35	70	0.590	
204.0906	1"1/4	56	40	81	0.980	
204.0907	1"1/2	63	45	90	1.250	
204.0908	2"	78	54	108	1.890	
204.0909	2"1/2	97	115	112	2.990	
204.0910	3"	112	131	142	5.100	



Réf 6M	DN	A	B	C	Poids	
205.0901	1/4"	27	24	48	0.200	
205.0902	3/8"	34	26	52	0.390	
205.0903	1/2"	39	32	64	0.450	
205.0904	3/4"	46	35	70	0.690	
205.0905	1"	56	40	81	1.070	
205.0906	1"1/4	63	45	90	1.596	
205.0907	1"1/2	78	54	108	2.140	
205.0908	2"	97	115	112	3.750	
205.0909	2"1/2	112	131	142	7.100	

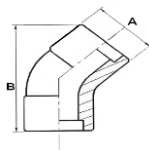


SW 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

COUDE 45° FF

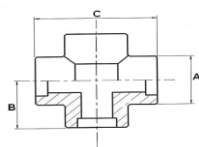
6M sur demande



Réf 3M	DN	A	B	Poids	
204.0101	1/4"	23		0.080	
204.0102	3/8"	27		0.090	
204.0103	1/2"	34		0.190	
204.0104	3/4"	39		0.240	
204.0105	1"	46		0.550	
204.0106	1"1/4	56		0.660	
204.0107	1"1/2	63		1.210	
204.0108	2"	78		1.230	

CROIX FFFF

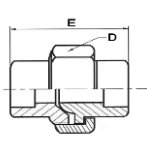
6M sur demande



Réf 3M	DN	A	B	C	Poids	
204.0801	1/4"	23	21	42	0.220	
204.0802	3/8"	27	24	48	0.220	
204.0803	1/2"	34	26	52	0.310	
204.0804	3/4"	39	32	64	0.430	
204.0805	1"	46	35	70	0.690	
204.0806	1"1/4	56	40	81	1.090	
204.0807	1"1/2	63	45	90	1.500	
204.0808	2"	78	54	108	2.700	

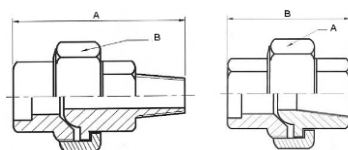
UNION 3 Pièces FF

6M sur demande



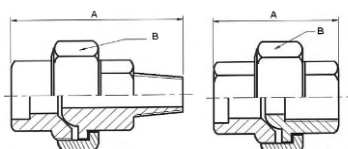
Réf 3M	DN	D	E	Poids	
204.2301	1/4"	35	44	0.160	
204.2302	3/8"	40	50	0.255	
204.2303	1/2"	45	52	0.340	
204.2304	3/4"	57	61	0.490	
204.2305	1"	64	65	0.650	
204.2306	1"1/4	75	74	1.200	
204.2307	1"1/2	86	85	1.780	
204.2308	2"	104	94	2.600	
204.2309	2"1/2			4.600	
204.2310	3"			8.600	

UNION 3 Pièces NPT-SW



p20

UNION 3 Pièces GAZ-SW



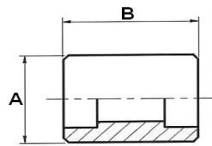
p10-11



SW 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

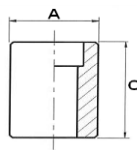
MANCHON FF



Réf 3M	DN	A	B	Poids	
204.1701	1/4"	22	25	0.070	
204.1702	3/8"	25	25	0.070	
204.1703	1/2"	32	28	0.110	
204.1704	3/4"	36	34	0.130	
204.1705	1"	45	38	0.250	
204.1706	1"1/4	55	38	0.330	
204.1707	1"1/2	60	38	0.400	
204.1708	2"	75	50	0.680	
204.1709	2"1/2	90	50	1.290	
204.1710	3"	110	50	1.350	
204.1712	4"	140	60	2.110	

Réf 6M	DN	A	B	Poids	
205.1701	1/4"	25	25	0.070	
205.1702	3/8"	30	25	0.100	
205.1703	1/2"	33	28	0.170	
205.1704	3/4"	42	34	0.230	
205.1705	1"	50	38	0.430	
205.1706	1"1/4	60	38	0.410	
205.1707	1"1/2	65	38	0.800	
205.1708	2"	85	50	1.310	
205.1709	2"1/2	100	50	1.640	
205.1710	3"			3.090	

DEMI-MANCHON FF

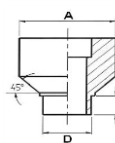


Réf 3M	DN	A	C	Poids	
204.2201	1/4"	25	25	0.050	
204.2202	3/8"	25	25	0.080	
204.2203	1/2"	36	30	0.130	
204.2204	3/4"	36	35	0.170	
204.2205	1"	45	40	0.300	
204.2206	1"1/4	55	41	0.430	
204.2207	1"1/2	60	42	0.470	
204.2208	2"	75	55	0.910	
204.2209	2"1/2	90	56	1.250	
204.2210	3"	110	60	2.050	

Réf 6M	DN	A	C	Poids	
205.2201	1/4"	25	25	0.060	
205.2202	3/8"	30	25	0.090	
205.2203	1/2"	36	30	0.175	
205.2204	3/4"	42	35	0.360	
205.2205	1"	50	40	0.450	
205.2206	1"1/4	60	41	0.460	
205.2207	1"1/2	65	42	0.950	
205.2208	2"	85	55	1.350	

BOSSAGE A SOUDER

3/6M



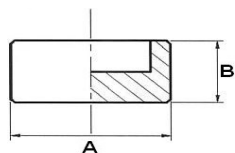
Réf 3/6M	DN	A	D	Poids	
204.4201	1/4"	25	14	0.050	
204.4202	3/8"	30	17.5	0.080	
204.4203	1/2"	33	21.5	0.110	
204.4204	3/4"	42	27	0.280	
204.4205	1"	50	33.6	0.330	
204.4206	1"1/4	60	42.5	0.570	
204.4207	1"1/2	65	48.5	0.580	
204.4208	2"	85	61	1.180	
204.4210	3"	110	60	1.545	
204.4212	4"	140	68	2.600	



SW 3000 et 6000 A105N

Raccords forgés A350LF2 SUR DEMANDE

BOUCHON FEMELLE

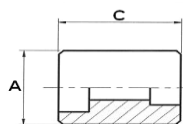


Réf 3M	DN	A	B	Poids	
204.1201	1/4"	25	15	0.050	
204.1202	3/8"	25	13	0.050	
204.1203	1/2"	33	16	0.110	
204.1204	3/4"	36	18	0.140	
204.1205	1"	45	23	0.185	
204.1206	1"1/4	55	23	0.260	
204.1207	1"1/2	60	24	0.330	
204.1208	2"	75	28	0.900	

Réf 6M	DN	A	B	Poids	
205.1201	1/4"	25	15	0.050	
205.1202	3/8"	30	15	0.095	
205.1203	1/2"	33	16	0.110	
205.1204	3/4"	42	21	0.165	
205.1205	1"	50	25	0.430	
205.1206	1"1/4	60	26	0.510	
205.1207	1"1/2	65	26	0.800	
205.1208	2"	85	32	1.310	

MANCHON REDUIT

6M sur demande



Réf 3M	DN	A	C	Poids	
204.2000	1/4" x 1/8"	25	25	0.060	
204.2002	3/8" x 1/4"	25	25	0.060	
204.2004	1/2" x 1/4"	32	28	0.130	
204.2005	1/2" x 3/8"	32	28	0.130	
204.2007	3/4" x 1/4"	36	35	0.170	
204.2008	3/4" x 3/8"	36	33	0.170	
204.2009	3/4" x 1/2"	36	33	0.170	
204.2011	1" x 1/4"	45	38	0.360	
204.2012	1" x 3/8"	45	38	0.330	
204.2013	1" x 1/2"	45	38	0.320	
204.2014	1" x 3/4"	45	38	0.290	
204.2016	1"1/4 x 1/4"	55	38	0.530	
204.2017	1"1/4 x 3/8"	55	38	0.520	
204.2018	1"1/4 x 1/2"	55	38	0.510	
204.2019	1"1/4 x 3/4"	55	38	0.450	
204.2020	1"1/4 x 1"	55	38	0.450	
204.2022	1"1/2 x 1/4"	60	38	0.880	
204.2023	1"1/2 x 3/8"	60	39	0.880	
204.2024	1"1/2 x 1/2"	60	38	0.610	
204.2025	1"1/2 x 3/4"	60	38	0.570	
204.2026	1"1/2 x 1"	60	38	0.530	
204.2027	1"1/2 x 1"1/4	60	38	0.570	
204.2029	2" x 1/4"	75	50	1.250	
204.2030	2" x 3/8"	75	50	1.250	
204.2031	2" x 1/2"	75	50	1.250	
204.2032	2" x 3/4"	75	50	1.250	
204.2033	2" x 1"	75	50	1.190	
204.2034	2" x 1"1/4	75	50	1.190	
204.2035	2" x 1"1/2	75	50	1.190	
204.2043	2"1/2 x 1"1/2	90	50	1.690	
204.2044	2"1/2 x 2"	90	50	1.690	
204.2052	3" x 1"1/2	110	51	2.200	
204.2053	3" x 2"	110	51	2.110	
204.2054	3" x 2"1/2	110	51	1.820	

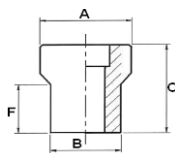


SW 3000 et 6000 A105N

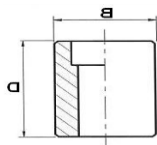
Raccords forgés A350LF2 SUR DEMANDE

REDUCTION INSERT MF	Réf 3M	DN	Type	A	B	C	D	E	F	Poids	Prix Euro
	204.1802	3/8" x 1/4"	1	25	17.2	25	x	x	10	0.050	
	204.1804	1/2" x 1/4"	2	x	21.6	x	26	x	x	0.050	
	204.1805	1/2" x 3/8"	1	25	21.6	34	x	x	20	0.090	
	204.1807	3/4" x 1/4"	3	22	26.9	x	x	25	7	0.080	
	204.1808	3/4" x 3/8"	2	x	26.9	x	26	x	x	0.080	
	204.1809	3/4" x 1/2"	1	33	26.9	37	x	x	22	0.130	
	204.1811	1" x 1/4"	3	22	33.6	x	x	33	7	0.180	
	204.1812	1" x 3/8"	3	25	33.6	x	x	33	7	0.170	
	204.1813	1" x 1/2"	2	x	33.6	x	34	x	x	0.170	
	204.1814	1" x 3/4"	1	38	33.6	39	x	x	23	0.170	
	204.1818	1"1/4 x 1/2"	3	33	42.4	x	x	34	7	0.250	
	204.1819	1"1/4 x 3/4"	2	x	42.4	x	35	x	x	0.280	
	204.1820	1"1/4 x 1"	1	45	42.4	45	x	x	24.5	0.300	
	204.1822	1"1/2 x 1/4"	3	22	42.4	x	x	36	7	0.380	
	204.1823	1"1/2 x 3/8"	3	25	48.5	x	x	36	7	0.400	
	204.1824	1"1/2 x 1/2"	3	33	48.5	x	x	36	7	0.400	
	204.1825	1"1/2 x 3/4"	3	38	48.5	x	x	37	8	0.400	
	204.1826	1"1/2 x 1"	2	x	48.5	x	47	x	x	0.360	
	204.1827	1"1/2 x 1"1/4"	1	55	48.5	47	x	x	27	0.430	
	204.1833	2" x 1"	3	45	60.9	x	x	39	8	0.600	
	204.1834	2" x 1"1/4"	3	55	60.9	x	x	39	8	0.500	
	204.1835	2" x 1"1/2"	2	x	60.9	x	40	x	x	0.480	
	204.1844	2"1/2 x 2"	1	75	73.6	57.5	x	x	30	0.930	

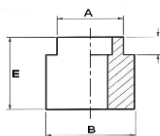
Type 1



Type 2



Type 3



Réf 6M	DN	Type	A	B	C	D	E	F	Poids
205.1804	1/2" x 1/4"	2	X	40	X	25	X	X	0.110
205.1805	1/2" x 3/8"	1	30		40	X	X		0.090
205.1808	3/4" x 3/8"	2	X	30	X	34	X	X	0.130
205.1809	3/4" x 1/2"	1	36		42	X	X		0.250
205.1811	1" x 1/4"	3	X	36	X	X	38	X	0.235
205.1813	1" x 1/2"	2	X	36	X	48	X	X	0.350
205.1814	1" x 3/4"	1	45		64	X	X		0.410
205.1819	1"1/4 x 3/4"	2	X	45	X	35	X	X	0.280
205.1820	1"1/4 x 1"	1	50		56	X	X		0.300
205.1824	1"1/2 x 1/2"	3	X	50	X	X	48	X	0.620
205.1825	1"1/2 x 3/4"	3	X	50	X	X	48	X	0.360
205.1826	1"1/2 x 1"	2	X	50	X	62	X	X	0.360
205.1827	1"1/2 x 1"1/4"	1	50		62	X	X		0.890
205.1833	2" x 1"	3	X	65	X	X	47	X	0.910
205.1834	2" x 1"1/4"	3	X	65	X	X	60	X	1.090
205.1835	2" x 1"1/2"	2	X	65	X	59	X	X	0.090

Autres diamètres sur demande

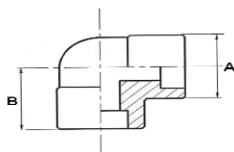


SW 3M A105N Millimétrique

Raccords forgés A350LF2 SUR DEMANDE

COUDE 90° FF

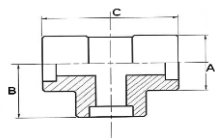
6M sur demande



Réf 3M	Ø	A	B	Poids	
204.0504	16	27	25	0.080	
204.0506	20	34	29	0.110	
204.0507	22			0.085	
204.0508	25	39	33		
204.0510	30			0.680	
204.0511	32			0.580	
204.0513	38	56	44	0.895	
204.0514	40			0.360	
204.0516	50	63	45	0.900	
204.0518	65	78	54		
204.0519	76				
204.0520	70			2.000	

TE FFF

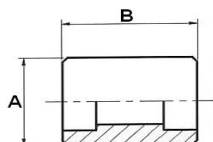
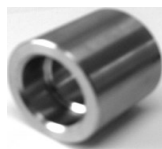
6M sur demande



Réf 3M	Ø	A	B	C	Poids	
204.1304	16					
204.1305	18	27	24	48		
204.1306	20	27	24	48	0.140	
204.1307	22	34	26	52		
204.1308	25	39	33	66		
204.1310	30				0.710	
204.1313	38				1.130	
204.1314	40					
204.1316	50					
204.1318	65					
204.1319	76					

MANCHON FF

6M sur demande



Réf 3M	Ø	A	B	Poids	
204.1602	10	20	23	0.050	
204.1603	12	20	24	0.040	
204.1604	16	25	17	0.050	
204.1605	18	25	24	0.095	
204.1606	20	30	17	0.085	
204.1607	22	33	27	0.110	
204.1608	25	36	39	0.190	
204.1609	28	42	21		
204.1610	30	42	21		
204.1611	32			0.150	
204.1612	35	50	38	0.335	
204.1613	38	50	38	0.300	
204.1614	40	50	38		
204.1616	50	65	26		
204.1618	65				

Autres diamètres sur demande

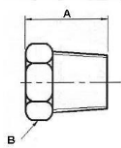
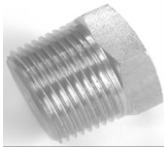
Autres produits sur demande



Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

BOUCHON M TH



NPT

Réf 304L	DN	A	B	Poids	
164.1400	1/8"	17	14	0.010	
164.1401	1/4"	17	14	0.019	
164.1402	3/8"	21	19	0.042	
164.1403	1/2"	23	22	0.063	
164.1404	3/4"	26	27	0.121	
164.1405	1"	29	35	0.207	
164.1406	1"1/4	35	46	0.400	
164.1407	1"1/2	37	50	0.565	
164.1408	2"	39	63	0.945	

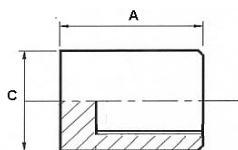
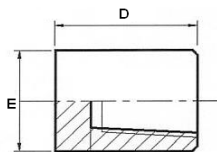
NPT

Réf 316L	DN	A	B	Poids	
174.1400	1/8"	17	14	0.010	
174.1401	1/4"	17	14	0.019	
174.1402	3/8"	21	19	0.042	
174.1403	1/2"	23	22	0.063	
174.1404	3/4"	26	27	0.121	
174.1405	1"	29	35	0.207	
174.1406	1"1/4	35	46	0.400	
174.1407	1"1/2	37	50	0.565	
174.1408	2"	39	63	0.945	

GAZ

Réf 316L	DN	A	B	Poids	
124.1400	1/8"	17	14	0.010	
124.1401	1/4"	17	14	0.019	
124.1402	3/8"	21	19	0.042	
124.1403	1/2"	23	22	0.063	
124.1404	3/4"	26	27	0.121	
124.1405	1"	29	35	0.207	
124.1406	1"1/4	35	46	0.400	
124.1407	1"1/2	37	50	0.565	
124.1408	2"	39	63	0.945	

BOUCHON FEM TR



NPT

Réf 304L	DN	D	E	Poids	
164.1201	1/4"	25	20	0.045	
164.1202	3/8"	25	25	0.070	
164.1203	1/2"	32	30	0.135	
164.1204	3/4"	37	36	0.195	
164.1205	1"	41	45	0.345	
164.1206	1"1/4	44	60	0.695	
164.1207	1"1/2	44	65	0.750	
164.1208	2"	48	75	1.018	

NPT

Réf 316L	DN	D	E	Poids	
174.1200	1/8"	25	20	0.040	
174.1201	1/4"	25	20	0.045	
174.1202	3/8"	25	25	0.070	
174.1203	1/2"	32	30	0.135	
174.1204	3/4"	37	36	0.195	
174.1205	1"	41	45	0.345	
174.1206	1"1/4	44	60	0.695	
174.1207	1"1/2	44	65	0.750	
174.1208	2"	48	75	1.018	

GAZ

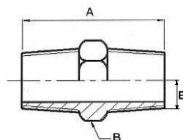
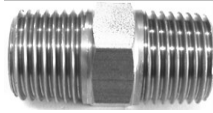
Réf 316L	DN	A	C	Poids	
124.1201	1/4"	25	20	0.045	
124.1202	3/8"	25	25	0.070	
124.1203	1/2"	32	30	0.135	
124.1204	3/4"	37	36	0.195	
124.1205	1"	41	45	0.345	
124.1206	1"1/4	44	60	0.695	
124.1207	1"1/2	44	65	0.750	
124.1208	2"	48	75	1.018	



Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

MAMELON MM



NPT

NPT

GAZ

Réf 304L	DN	A	B	E	Poids	
164.1601	1/4"	36	14	8	0.023	
164.1602	3/8"	40	19	11	0.035	
164.1603	1/2"	48	22	14	0.066	
164.1604	3/4"	52	27	18	0.110	
164.1605	1"	60	35	24	0.198	
164.1606	1"1/4	55	46	29	0.350	
164.1607	1"1/2	68	50	38	0.353	
164.1608	2"	71	63	49	0.770	

Réf 316L	DN	A	B	E	Poids	
174.1600	1/8"	26	14	6	0.015	
174.1601	1/4"	36	14	8	0.023	
174.1602	3/8"	40	19	11	0.035	
174.1603	1/2"	48	22	14	0.066	
174.1604	3/4"	52	27	18	0.110	
174.1605	1"	60	35	24	0.198	
174.1606	1"1/4	55	46	29	0.350	
174.1607	1"1/2	68	50	38	0.353	
174.1608	2"	71	63	49	0.770	

Réf 316L	DN	A	B	E	Poids	
124.1601	1/4"	36	14	8	0.023	
124.1602	3/8"	40	19	11	0.035	
124.1603	1/2"	48	22	14	0.066	
124.1604	3/4"	52	27	18	0.110	
124.1605	1"	60	35	24	0.198	
124.1606	1"1/4	55	46	29	0.350	
124.1607	1"1/2	68	50	38	0.353	
124.1608	2"	71	63	49	0.770	

BOUCHON M Tête Carrée



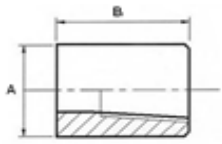
Réf 304L	DN	A	B	E	Poids	
164.6100	1/8"					
164.6101	1/4"					
164.6102	3/8"					
164.6103	1/2"					
164.6104	3/4"					
164.6105	1"					
164.6106	1"1/4					
164.6107	1"1/2					
164.6108	2"					

Réf 316L	DN	A	B	E	Poids	
174.6100	1/8"					
174.6101	1/4"					
174.6102	3/8"					
174.6103	1/2"					
174.6104	3/4"					
174.6105	1"					
174.6106	1"1/4					
174.6107	1"1/2					
174.6108	2"					

Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

DEMI-MANCHON FEM



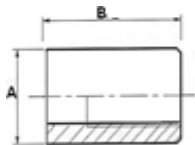
NPT

Réf 304L	DN	A	B	Poids	
164.2201	1/4"	20	17.5	0.025	
164.2202	3/8"	25	19	0.045	
164.2203	1/2"	30	24	0.080	
164.2204	3/4"	36	25.5	0.118	
164.2205	1"	45	30	0.205	
164.2206	1"1/4	60	34	0.432	
164.2207	1"1/2	65	39.5	0.550	
164.2208	2"	75	43	0.645	



NPT

Réf 316L	DN	A	B	Poids	
174.2201	1/4"	20	17.5	0.025	
174.2202	3/8"	25	19	0.045	
174.2203	1/2"	30	24	0.080	
174.2204	3/4"	36	25.5	0.118	
174.2205	1"	45	30	0.205	
174.2206	1"1/4	60	34	0.432	
174.2207	1"1/2	65	39.5	0.550	
174.2208	2"	75	43	0.645	
174.2209	2"1/2	100	46	1.180	
174.2210	3"	110	54	5.200	

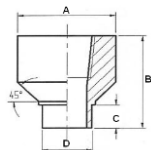


GAZ

Réf 316L	DN	A	B	Poids	
124.2201	1/4"	20	35	0.025	
124.2202	3/8"	25	38	0.045	
124.2203	1/2"	30	48	0.080	
124.2204	3/4"	36	51	0.118	
124.2205	1"	45	60	0.205	
124.2206	1"1/4	60	67	0.432	
124.2207	1"1/2	65	79	0.550	
124.2208	2"	75	86	0.645	

BOSSAGE A SOUDER

3/6M



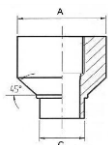
NPT

Réf 304L	DN	A	B	C	D	Poids	
164.4201	1/4"	25	30.5	9.5	14	0.058	
164.4202	3/8"	33	30.5	9.5	17.4	0.093	
164.4203	1/2"	38	33.5	9.5	21.6	0.142	
164.4204	3/4"	45	35	9.5	26.9	0.191	
164.4205	1"	60	43	9.5	33.6	0.395	
164.4206	1"1/4	65	48	9.5	42.4	0.600	
164.4207	1"1/2	75	51	9.5	48.5	0.818	
164.4208	2"	95	57.5	9.5	60.3	1.697	



NPT

Réf 316L	DN	A	B	C	D	Poids	
174.4201	1/4"	25	30.5	9.5	14	0.058	
174.4202	3/8"	33	30.5	9.5	17.4	0.093	
174.4203	1/2"	38	33.5	9.5	21.6	0.142	
174.4204	3/4"	45	35	9.5	26.9	0.191	
174.4205	1"	60	43	9.5	33.6	0.395	
174.4206	1"1/4	65	48	9.5	42.4	0.600	
174.4207	1"1/2	75	51	9.5	48.5	0.818	
174.4208	2"	95	57.5	9.5	60.3	1.697	



GAZ

Réf 316L	DN	A	B	C	D	Poids	
124.4201	1/4"	25	30.5	9.5	14	0.058	
124.4202	3/8"	33	30.5	9.5	17.4	0.093	
124.4203	1/2"	38	33.5	9.5	21.6	0.142	
124.4204	3/4"	45	35	9.5	26.9	0.191	
124.4205	1"	60	43	9.5	33.6	0.395	
124.4206	1"1/4	65	48	9.5	42.4	0.600	
124.4207	1"1/2	75	51	9.5	48.5	0.818	
124.4208	2"	95	57.5	9.5	60.3	1.697	



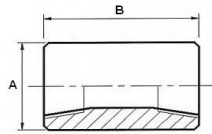
Tél : 02 33 42 32 97 - Fax : 02 33 42 14 78

achats@hp-composants.fr

Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

MANCHON FF



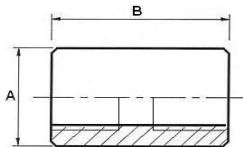
NPT

Réf 304L	DN	A	B	Poids	
164.1700	1/8"	20	35	0.030	
164.1701	1/4"	20	35	0.053	
164.1702	3/8"	25	38	0.092	
164.1703	1/2"	30	48	0.161	
164.1704	3/4"	36	51	0.222	
164.1705	1"	45	60	0.390	
164.1706	1"1/4	60	67	0.875	
164.1707	1"1/2	65	79	1.070	
164.1708	2"	75	86	1.378	



NPT

Réf 316L	DN	A	B	Poids	
174.1700	1/8"	20	35	0.030	
174.1701	1/4"	20	35	0.053	
174.1702	3/8"	25	38	0.092	
174.1703	1/2"	30	48	0.161	
174.1704	3/4"	36	51	0.222	
174.1705	1"	45	60	0.390	
174.1706	1"1/4	60	67	0.875	
174.1707	1"1/2	65	79	1.070	
174.1708	2"	75	86	1.378	
174.1709	2"1/2	100	92	2.300	
174.1710	3"	110	108	3.100	



GAZ

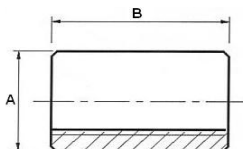
Réf 316L	DN	A	B	Poids	
124.1701	1/4"	20	35	0.053	
124.1702	3/8"	25	38	0.092	
124.1703	1/2"	30	48	0.161	
124.1704	3/4"	36	51	0.222	
124.1705	1"	45	60	0.390	
124.1706	1"1/4	60	67	0.875	
124.1707	1"1/2	65	79	1.070	
124.1708	2"	75	86	1.378	

MANCHON FF TRAVERSANT



GAZ

Réf 316L	DN	A	B	Poids	
124.1701T	1/4"	20	20	0.053	
124.1702T	3/8"	25	30	0.092	
124.1703T	1/2"	30	35	0.161	
124.1704T	3/4"	36	40	0.222	
124.1705T	1"	50	45	0.390	
124.1706T	1"1/4	60	50	0.875	
124.1707T	1"1/2	70	55	1.070	
124.1708T	2"	80	60	1.378	



Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

EMB MALE

Sch 80 / 3M

NPT 304L

Réf Ig50	DN	Poids	
164.4715	1/4"	0.040	
164.4716	3/8"	0.050	
164.4717	1/2"	0.075	
164.4718	3/4"	0.100	

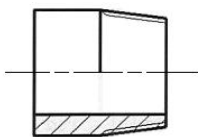
Réf Ig75	DN	Poids		Réf Ig100	Poids	
164.4724	1/4"	0.055		164.4736	0.075	
164.4725	3/8"	0.080		164.4737	0.110	
164.4726	1/2"	0.120		164.4738	0.160	
164.4727	3/4"	0.160		164.4739	0.210	
164.4728	1"	0.220		164.4740	0.315	
164.4729	1"1/4	0.320		164.4741	0.420	
164.4730	1"1/2	0.376		164.4742	0.505	
164.4731	2"	0.525		164.4743	0.720	



NPT 316L

Réf Ig50	DN	Poids	
174.4715	1/4"	0.040	
174.4716	3/8"	0.050	
174.4717	1/2"	0.075	
174.4718	3/4"	0.100	

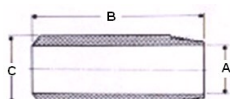
Réf Ig75	DN	Poids		Réf Ig100	Poids	
174.4724	1/4"	0.055		174.4736	0.075	
174.4725	3/8"	0.080		174.4737	0.110	
174.4726	1/2"	0.120		174.4738	0.160	
174.4727	3/4"	0.160		174.4739	0.210	
174.4728	1"	0.220		174.4740	0.315	
174.4729	1"1/4	0.320		174.4741	0.420	
174.4730	1"1/2	0.376		174.4742	0.505	
174.4731	2"	0.525		174.4743	0.720	



GAZ 316L

Réf Ig50	DN	Poids		Réf Ig100	Poids	
124.4701	1/4"	0.055		124.4736	0.075	
124.4716	3/8"	0.080		124.4737	0.110	
124.4717	1/2"	0.120		124.4738	0.160	
124.4718	3/4"	0.160		124.4739	0.210	
124.4719	1"	0.220		124.4740	0.315	
124.4720	1"1/4	0.320		124.4741	0.420	
124.4721	1"1/2	0.376		124.4742	0.505	
124.4722	2"	0.525		124.4743	0.720	

SWEDGE NIPPLE



Réf 304L	DN	Poids	
SN164.19xx			

Réf 316L	DN	Poids	
SN174.19xx			



Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

BOBINE MM

Sch 80 / 3M

Réf Ig50	DN	Poids	
164.4515	1/4"	0.035	
164.4516	3/8"	0.045	
164.4517	1/2"	0.080	
164.4518	3/4"	0.100	
164.4519	1"	0.100	

NPT 304L

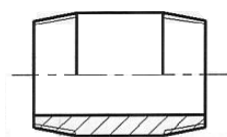
Réf Ig75	DN	Poids		Réf Ig100	Poids	
164.4524	1/4"	0.055		164.4536	0.075	
164.4525	3/8"	0.070		164.4537	0.105	
164.4526	1/2"	0.110		164.4538	0.150	
164.4527	3/4"	0.150		164.4539	0.200	
164.4528	1"	0.190		164.4540	0.300	
164.4529	1"1/4	0.290		164.4541	0.420	
164.4530	1"1/2	0.360		164.4542	0.470	
164.4531	2"	0.360		164.4543	0.675	



Réf Ig50	DN	Poids	
174.4515	1/4"	0.035	
174.4516	3/8"	0.045	
174.4517	1/2"	0.080	
174.4518	3/4"	0.100	
174.4519	1"	0.100	

NPT 316L

Réf Ig75	DN	Poids		Réf Ig100	Poids	
174.4524	1/4"	0.055		174.4536	0.075	
174.4525	3/8"	0.070		174.4537	0.105	
174.4526	1/2"	0.110		174.4538	0.150	
174.4527	3/4"	0.150		174.4539	0.200	
174.4528	1"	0.190		174.4540	0.300	
174.4529	1"1/4	0.290		174.4541	0.420	
174.4530	1"1/2	0.360		174.4542	0.470	
174.4531	2"	0.360		174.4543	0.675	

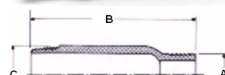


GAZ 316L

Réf Ig50	DN	Poids		Réf Ig100	Poids	
124.4515	1/4"	0.055		124.4536	0.075	
124.4516	3/8"	0.070		124.4537	0.105	
124.4517	1/2"	0.110		124.4538	0.150	
124.4518	3/4"	0.150		124.4539	0.200	
124.4519	1"	0.190		124.4540	0.300	
124.4520	1"1/4	0.290		124.4541	0.420	
124.4521	1"1/2	0.360		124.4542	0.470	
124.4522	2"	0.360		124.4543	0.675	

SWEDGE NIPPLE

Réf 304L	DN	Poids	
SN164.19xx			



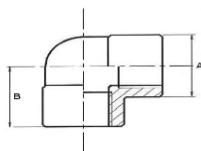
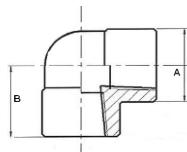
Réf 316L	DN	Poids	
SN174.19xx			



Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

COUDE 90° FF



NPT

Réf 304L	DN	A	B	Poids	Prix Euro
164.0201	1/4"	27	25	0.145	
164.0202	3/8"	34	29	0.292	
164.0203	1/2"	39	33	0.435	
164.0204	3/4"	46	38	0.690	
164.0205	1"	56	44	1.175	
164.0206	1"1/4	63	51	1.395	
164.0207	1"1/2	76	60	2.600	
164.0208	2"	84	64	2.800	

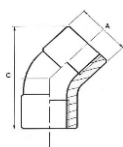
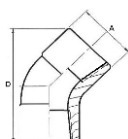
NPT

Réf 316L	DN	A	B	Poids	
174.0201	1/4"	27	25	0.145	
174.0202	3/8"	34	29	0.292	
174.0203	1/2"	39	33	0.435	
174.0204	3/4"	46	38	0.690	
174.0205	1"	56	44	1.175	
174.0206	1"1/4	63	51	1.395	
174.0207	1"1/2	76	60	2.600	
174.0208	2"	84	64	2.800	

GAZ

Réf 316L	DN	A	B	Poids	
124.0201	1/4"	27	25	0.145	
124.0202	3/8"	34	29	0.292	
124.0203	1/2"	39	33	0.435	
124.0204	3/4"	46	38	0.690	
124.0205	1"	56	44	1.175	
124.0206	1"1/4	63	51	1.395	
124.0207	1"1/2	76	60	2.600	
124.0208	2"	84	64	2.800	

COUDE 45° FF



NPT

Réf 304L	DN	A	D	Poids	
164.0101	1/4"	27	38	0.125	
164.0102	3/8"	34	41	0.250	
164.0103	1/2"	39	50	0.355	
164.0104	3/4"	46	59	0.575	
164.0105	1"	56	67	0.930	
164.0106	1"1/4	63	79	1.050	
164.0107	1"1/2	76	92	2.025	
164.0108	2"	84	105	2.150	

NPT

Réf 316L	DN	A	D	Poids	
174.0101	1/4"	27	38	0.125	
174.0102	3/8"	34	41	0.250	
174.0103	1/2"	39	50	0.355	
174.0104	3/4"	46	59	0.575	
174.0105	1"	56	67	0.930	
174.0106	1"1/4	63	79	1.050	
174.0107	1"1/2	76	92	2.025	
174.0108	2"	84	105	2.150	

GAZ

Réf 316L	DN	A	C	Poids	
124.0101	1/4"	27	38	0.125	
124.0102	3/8"	34	41	0.250	
124.0103	1/2"	39	50	0.355	
124.0104	3/4"	46	59	0.575	
124.0105	1"	56	67	0.930	
124.0106	1"1/4	63	79	1.050	
124.0107	1"1/2	76	92	2.025	
124.0108	2"	84	105	2.150	



Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

COUDE 90° MF



	<i>Réf 304L</i>	<i>DN</i>	<i>A</i>	<i>C</i>	<i>Poids</i>	
NPT	164.0401	1/4"	27	36	0.105	
	164.0402	3/8"	34	40	0.250	
	164.0403	1/2"	39	48	0.305	
NPT	<i>Réf 316L</i>	<i>DN</i>	<i>A</i>	<i>C</i>	<i>Poids</i>	
	174.0401	1/4"	27	36	0.105	
	174.0402	3/8"	34	40	0.250	
	174.0403	1/2"	39	48	0.305	
	174.0404	3/4"	46	54	0.600	
	174.0405	1"	56	64	0.900	
	174.0406	1 1/4"	63	68	1.300	
	174.0407	1 1/2"	76	77	2.079	
GAZ	<i>Réf 316L</i>	<i>DN</i>	<i>A</i>	<i>C</i>	<i>Poids</i>	
	124.0401	1/4"	27	36	0.105	
	124.0402	3/8"	34	40	0.250	
	124.0403	1/2"	39	48	0.305	
	124.0404	3/4"	46	54	0.600	
	124.0405	1"	56	64	0.900	

TE FFF

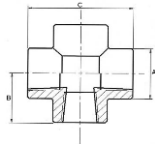


	<i>Réf 304L</i>	<i>DN</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>Poids</i>	
NPT	164.0901	1/4"	25	25	50	0.205	
	164.0902	3/8"	34	29	58	0.385	
	164.0903	1/2"	39	33	66	0.554	
	164.0904	3/4"	46	38	76	0.900	
	164.0905	1"	56	44	88	1.480	
	164.0906	1 1/4"	63	51	102	1.750	
	164.0907	1 1/2"	76	60	120	3.150	
	164.0908	2"	84	64	128	3.200	
NPT	<i>Réf 316L</i>	<i>DN</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>Poids</i>	
	174.0901	1/4"	25	25	50	0.205	
	174.0902	3/8"	34	29	58	0.385	
	174.0903	1/2"	39	33	66	0.554	
	174.0904	3/4"	46	38	76	0.900	
	174.0905	1"	56	44	88	1.480	
	174.0906	1 1/4"	63	51	102	1.750	
	174.0907	1 1/2"	76	60	120	3.150	
	174.0908	2"	84	64	128	3.200	
GAZ	<i>Réf 316L</i>	<i>DN</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>Poids</i>	
	124.0901	1/4"	25	25	50	0.205	
	124.0902	3/8"	34	29	58	0.385	
	124.0903	1/2"	39	33	66	0.554	
	124.0904	3/4"	46	38	76	0.900	
	124.0905	1"	56	44	88	1.480	
	124.0906	1 1/4"	63	51	102	1.750	
	124.0907	1 1/2"	76	60	120	3.150	
	124.0908	2"	84	64	128	3.200	

Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

CROIX FFFF



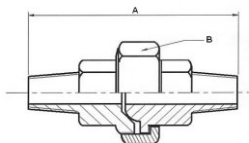
NPT

Réf 316L	DN	A	B	C	Poids	Prix Euro
174.0801	1/4"	25	25	50	0.530	
174.0802	3/8"	34	29	58	0.490	
174.0803	1/2"	39	33	66	0.680	
174.0804	3/4"	46	38	76	1.060	
174.0805	1"	56	44	88	1.610	
174.0806	1"1/4	63	51	102	2.100	
174.0807	1"1/2	76	60	120	3.700	
174.0808	2"	84	64	128	3.700	

GAZ

Réf 316L	DN	A	B	C	Poids	Prix Euro
124.0801	1/4"	25	25	50	0.530	
124.0802	3/8"	34	29	58	0.490	
124.0803	1/2"	39	33	66	0.680	
124.0804	3/4"	46	38	76	1.060	
124.0805	1"	56	44	88	1.610	
124.0806	1"1/4	63	51	102	2.100	
124.0807	1"1/2	76	60	120	3.700	
124.0808	2"	84	64	128	3.700	

UNION 3 PIECES MM



NPT

Réf 316L	DN	A	C	Poids	Prix Euro
174.2501	1/4"	80	35	0.215	
174.2502	3/8"	84	40	0.315	
174.2503	1/2"	88	45	0.445	
174.2504	3/4"	104	57	0.730	
174.2505	1"	115	64	1.100	
174.2506	1"1/4	134	73	1.680	
174.2507	1"1/2	141	83	2.050	
174.2508	2"	153	104	3.360	

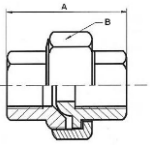
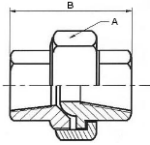
GAZ

Réf 316L	DN	B	A	Poids	Prix Euro
124.2501	1/4"	80	35	0.215	
124.2502	3/8"	84	40	0.315	
124.2503	1/2"	88	45	0.445	
124.2504	3/4"	104	57	0.730	
124.2505	1"	115	64	1.100	
124.2506	1"1/4	134	73	1.680	
124.2507	1"1/2	141	83	2.050	
124.2508	2"	153	104	3.360	

Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

UNION 3 PIECES FF



NPT

Réf 304L	DN	A	B	Poids	
164.2301	1/4"	35	47	0.150	
164.2302	3/8"	40	47	0.230	
164.2303	1/2"	45	52	0.305	
164.2304	3/4"	57	60	0.470	
164.2305	1"	64	64	0.725	
164.2306	1"1/4	73	74	1.130	
164.2307	1"1/2	83	84	1.540	
164.2308	2"	104	91	2.200	

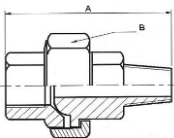
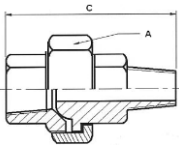
NPT

Réf 316L	DN	A	B	Poids	
174.2301	1/4"	35	47	0.150	
174.2302	3/8"	40	47	0.230	
174.2303	1/2"	45	52	0.305	
174.2304	3/4"	57	60	0.470	
174.2305	1"	64	64	0.725	
174.2306	1"1/4	73	74	1.130	
174.2307	1"1/2	83	84	1.540	
174.2308	2"	104	91	2.200	

GAZ

Réf 316L	DN	B	A	Poids	
124.2301	1/4"	35	47	0.150	
124.2302	3/8"	40	47	0.230	
124.2303	1/2"	45	52	0.305	
124.2304	3/4"	57	60	0.470	
124.2305	1"	64	64	0.725	
124.2306	1"1/4	73	74	1.130	
124.2307	1"1/2	83	84	1.540	
124.2308	2"	104	91	2.200	

UNION 3 PIECES MF



NPT

Réf 304L	DN	A	C	Poids	
164.2401	1/4"	35	62	0.165	
164.2402	3/8"	40	70	0.260	
164.2403	1/2"	45	74.5	0.360	
164.2404	3/4"	57	83	0.510	
164.2405	1"	64	92	0.825	
164.2406	1"1/4	73	104	1.354	
164.2407	1"1/2	83	118	1.570	
164.2408	2"	104	124	2.700	

NPT

Réf 316L	DN	A	C	Poids	
174.2401	1/4"	35	62	0.165	
174.2402	3/8"	40	70	0.260	
174.2403	1/2"	45	74.5	0.360	
174.2404	3/4"	57	83	0.510	
174.2405	1"	64	92	0.825	
174.2406	1"1/4	73	104	1.354	
174.2407	1"1/2	83	118	1.570	
174.2408	2"	104	124	2.700	

GAZ

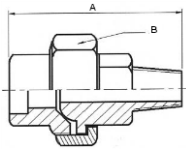
Réf 316L	DN	B	A	Poids	
124.2401	1/4"	35	62	0.165	
124.2402	3/8"	40	70	0.260	
124.2403	1/2"	45	74.5	0.360	
124.2404	3/4"	57	83	0.510	
124.2405	1"	64	92	0.825	
124.2406	1"1/4	73	104	1.354	
124.2407	1"1/2	83	118	1.570	
124.2408	2"	104	124	2.700	



Forgé NPT et GAZ 3000

Raccords forgés Inox 304L et 316L

UNION 3 PIECES MALE * SW



NPT

Réf 304L	DN	B	A	Poids	
164.3001	1/4"	35	47	0.174	
164.3002	3/8"	40	47	0.260	
164.3003	1/2"	45	52	0.355	
164.3004	3/4"	57	60	0.585	
164.3005	1"	64	64	0.835	
164.3006	1"1/4	73	74	1.425	
164.3007	1"1/2	83	84	1.630	
164.3008	2"	104	91	2.800	

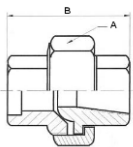
NPT

Réf 316L	DN	B	A	Poids	
174.3001	1/4"	35	47	0.174	
174.3002	3/8"	40	47	0.260	
174.3003	1/2"	45	52	0.355	
174.3004	3/4"	57	60	0.585	
174.3005	1"	64	64	0.835	
174.3006	1"1/4	73	74	1.425	
174.3007	1"1/2	83	84	1.630	
174.3008	2"	104	91	2.800	

GAZ

Réf 316L	DN	B	A	Poids	
124.3001	1/4"	35	62	0.174	
124.3002	3/8"	40	70	0.260	
124.3003	1/2"	45	74.5	0.355	
124.3004	3/4"	57	83	0.585	
124.3005	1"	64	92	0.835	
124.3006	1"1/4	73	104	1.425	
124.3007	1"1/2	83	118	1.630	
124.3008	2"	104	124	2.800	

UNION 3 PIECES FEMELLE * SW



NPT

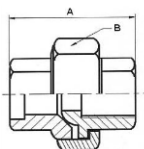
Réf 304L	DN	A	B	Poids	
164.2901	1/4"	35	62	0.145	
164.2902	3/8"	40	70	0.225	
164.2903	1/2"	45	74.5	0.305	
164.2904	3/4"	57	83	0.470	
164.2905	1"	64	92	0.724	
164.2906	1"1/4	73	104	1.200	
164.2907	1"1/2	83	118	1.350	
164.2908	2"	104	124	2.200	

NPT

Réf 316L	DN	A	B	Poids	
174.2901	1/4"	35	62	0.145	
174.2902	3/8"	40	70	0.225	
174.2903	1/2"	45	74.5	0.305	
174.2904	3/4"	57	83	0.470	
174.2905	1"	64	92	0.724	
174.2906	1"1/4	73	104	1.200	
174.2907	1"1/2	83	118	1.350	
174.2908	2"	104	124	2.200	

GAZ

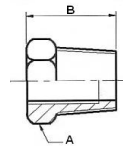
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124.2901	1/4"	35	47	0.145	
124.2902	3/8"	40	47	0.225	
124.2903	1/2"	45	52	0.305	
124.2904	3/4"	57	60	0.470	
124.2905	1"	64	64	0.724	
124.2906	1"1/4	73	74	1.200	
124.2907	1"1/2	83	84	1.350	
124.2908	2"	104	91	2.200	



Forgé NPT et GAZ 3000

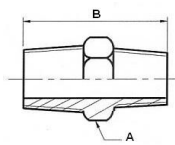
Raccords forgés Inox 304L et 316L

REDUCTION MALE FEMELLE



DN	A	B	Poids	NPT 304L		NPT 316L		GAZ 316L	
				Réf 304L		Réf 316L		Réf 316L	
1/4" x 1/8"	14	20	0.010	164.1800		174.1800		124.1800	
3/8" x 1/4"	19	17	0.020	164.1802		174.1802		124.1802	
1/2" x 1/4"	22	20	0.040	164.1804		174.1804		124.1804	
1/2" x 3/8"	22	20	0.030	164.1805		174.1805		124.1805	
3/4" x 1/4"	27	22	0.065	164.1807		174.1807		124.1807	
3/4" x 3/8"	27	22	0.065	164.1808		174.1808		124.1808	
3/4" x 1/2"	27	22	0.450	164.1809		174.1809		124.1809	
1" x 1/4"	35	25	0.160	164.1811		174.1811		124.1811	
1" x 3/8"	35	25	0.130	164.1812		174.1812		124.1812	
1" x 1/2"	35	25	0.115	164.1813		174.1813		124.1813	
1" x 3/4"	35	25	0.075	164.1814		174.1814		124.1814	
1"1/4 x 1/2"	46	28	0.235	164.1818		174.1818		124.1818	
1"1/4 x 3/4"	46	28	0.235	164.1819		174.1819		124.1819	
1"1/4 x 1"	46	28	0.170	164.1820		174.1820		124.1820	
1"1/2 x 1/2"	50	29	0.485	164.1824		174.1824		124.1824	
1"1/2 x 3/4"	50	29	0.325	164.1825		174.1825		124.1825	
1"1/2 x 1"	50	29	0.262	164.1826		174.1826		124.1826	
1"1/2 x 1"1/4	50	29	0.150	164.1827		174.1827		124.1827	
2" x 1"	65	31	0.670	164.1833		174.1833		124.1833	
2" x 1"1/4	65	31	0.495	164.1834		174.1834		124.1834	
2" x 1"1/2	65	31	0.375	164.1835		174.1835		124.1835	

REDUCTION MALE MALE



DN	A	B	Poids	NPT 304L		NPT 316L		GAZ 316L	
				Réf 304L		Réf 316L		Réf 316L	Prix Euro
1/4" x 1/8"	14	31	0.020	164.1900		174.1900		124.1900	
3/8" x 1/4"	19	39	0.045	164.1902		174.1902		124.1902	
1/2" x 1/4"	22	43	0.070	164.1904		174.1904		124.1904	
1/2" x 3/8"	22	43	0.070	164.1905		174.1905		124.1905	
3/4" x 1/4"	27	44	0.135	164.1907		174.1907		124.1907	
3/4" x 3/8"	27	46	0.130	164.1908		174.1908		124.1908	
3/4" x 1/2"	27	50	0.115	164.1909		174.1909		124.1909	
1" x 1/2"	35	55	0.220	164.1913		174.1913		124.1913	
1" x 3/4"	35	56	0.220	164.1914		174.1914		124.1914	
1"1/4 x 1"	46	60	0.350	164.1920		174.1920		124.1920	
1"1/2 x 1"	50	67	0.610	164.1926		174.1926		124.1926	
1"1/2 x 1"1/4	50	62	0.500	164.1927		174.1927		124.1927	
2" x 1"	65	67	0.945	164.1933		174.1933		124.1933	
2" x 1"1/4	65	67	0.990	164.1934		174.1934		124.1934	
2" x 1"1/2	65	67	0.765	164.1935		174.1935		124.1935	

Autres diamètres sur demande

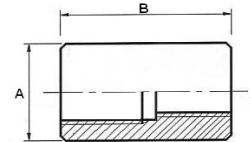
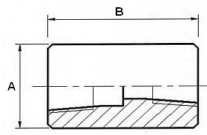


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Forgé NPT et GAZ 3000

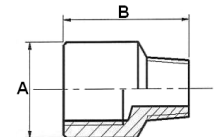
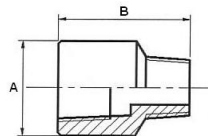
Raccords forgés Inox 304L et 316L

REDUCTION FEMELLE FEMELLE



DN	A	B	Poids	NPT 304L		NPT 316L		GAZ 316L	
				Réf 304L	Prix Euro	Réf 316L	Prix Euro	Réf 316L	Prix Euro
1/4" x 1/8"	20	34	0.100	164.2000	5.15	174.2000	6.36	124.2000	S/D
3/8" x 1/4"	25	38	0.100	164.2002	6.40	174.2002	7.64	124.2002	13.45
1/2" x 1/4"	30	48	0.190	164.2004	7.30	174.2004	9.80	124.2004	18.00
1/2" x 3/8"	30	48	0.185	164.2005	7.30	174.2005	9.80	124.2005	18.00
3/4" x 1/4"	36	51	0.300	164.2007	12.24	174.2007	13.86	124.2007	22.65
3/4" x 3/8"	36	51	0.280	164.2008	12.24	174.2008	13.86	124.2008	22.65
3/4" x 1/2"	36	51	0.255	164.2009	12.00	174.2009	13.57	124.2009	22.65
1" x 1/2"	45	60	0.540	164.2013	17.80	174.2013	22.46	124.2013	34.20
1" x 3/4"	45	60	0.475	164.2014	17.80	174.2014	21.11	124.2014	34.20
1 1/4" x 3/4"	57	67	1.030	164.2019	32.00	174.2019	36.44	124.2019	S/D
1 1/4" x 1"	57	67	1.020	164.2020	32.00	174.2020	36.44	124.2020	S/D
1 1/2" x 1/2"	65	79	1.500	164.2024	S/D	174.2024	60.25	124.2024	S/D
1 1/2" x 3/4"	65	79	1.440	164.2025	S/D	174.2025	60.25	124.2025	S/D
1 1/2" x 1"	65	79	1.350	164.2026	43.58	174.2026	54.76	124.2026	82.25
1 1/2" x 1 1/4"	65	79	1.230	164.2027	43.58	174.2027	54.76	124.2027	S/D
2" x 1"	76	86	1.975	164.2033	64.64	174.2033	81.90	124.2033	S/D
2" x 1 1/4"	76	86	1.820	164.2034	64.64	174.2034	81.90	124.2034	S/D
2" x 1 1/2"	76	86	1.640	164.2035	64.64	174.2035	81.90	124.2035	122.30

REDUCTION FEMELLE MALE



DN	A	B	Poids	NPT 316L		GAZ 316L	
				Réf 316L		Réf 316L	
1/4" x 1/8"	20	29	0.050	174.2100		124.2100	
3/8" x 1/4"	25	32	0.060	174.2102		124.2102	
1/2" x 1/4"	30	37	0.110	174.2104		124.2104	
1/2" x 3/8"	30	38	0.110	174.2105		124.2105	
3/4" x 1/4"	36	46	0.300	174.2107		124.2107	
3/4" x 3/8"	36	46	0.190	174.2108		124.2108	
3/4" x 1/2"	36	45	0.170	174.2109		124.2109	
1" x 1/2"	45	48	0.275	174.2113		124.2113	
1" x 3/4"	45	50	0.280	174.2114		124.2114	
1 1/4" x 1"	60	69	0.625	174.2120		124.2120	
1 1/2" x 3/4"	65	70	0.735	174.2125		124.2125	
1 1/2" x 1"	65	70	0.740	174.2126		124.2126	
1 1/2" x 1 1/4"	65	70	0.890	174.2127		124.2127	
2" x 1"	75	73	1.030	174.2133		124.2133	
2" x 1 1/2"	75	73	1.120	174.2135		124.2135	

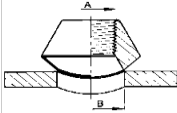
Autres diamètres sur demande

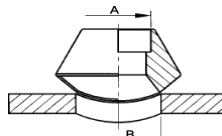


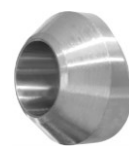
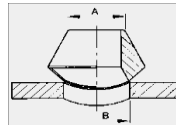
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Forgé NPT et SW 3000

Raccords forgés Inox 304L et 316L

THREDOLET NPT	Réf 304L	DN	Collecteur		Réf 316L	DN	Collecteur	
	164.8114	3/8"	2"1/2 - 36"		174.8114	3/8"	2"1/2 - 36"	
	164.8117	1/2"	3/4" - 1"		174.8117	1/2"	3/4" - 1"	
	164.8119	1/2"	1"1/4 - 2"1/2		174.8119	1/2"	1"1/4 - 2"1/2	
	164.8121	1/2"	3" - 36"		174.8121	1/2"	3" - 36"	
	164.8123	3/4"	1"		174.8123	3/4"	1"	
	164.8124	3/4"	1"1/4 - 1"1/2		174.8124	3/4"	1"1/4 - 1"1/2	
	164.8126	3/4"	2" - 3"1/2		174.8126	3/4"	2" - 3"1/2	
	164.8128	3/4"	4" - 36"		174.8128	3/4"	4" - 36"	
	164.8131	1"	1"1/4 - 1"1/2		174.8131	1"	1"1/4 - 1"1/2	
	164.8133	1"	2" - 2"1/2		174.8133	1"	2" - 2"1/2	
	164.8135	1"	3" - 5"		174.8135	1"	3" - 5"	
	164.8137	1"	6" - 36"		174.8137	1"	6" - 36"	
	164.8152	1"1/2	3"1/2 - 5"		174.8152	1"1/2	3"1/2 - 5"	
	164.8153	1"1/2	6" - 10"		174.8153	1"1/2	6" - 10"	
	164.8155	1"1/2	12" - 36"		174.8155	1"1/2	12" - 36"	
	164.8160	2"	3"1/2 - 4"		174.8160	2"	3"1/2 - 4"	
	164.8162	2"	5" - 6"		174.8162	2"	5" - 6"	
	164.8164	2"	8" - 12"		174.8164	2"	8" - 12"	
	164.8165	2"	14" - 36"		174.8165	2"	14" - 36"	

SOCKOLET SW	Réf 304L	DN	Collecteur		Réf 316L	DN	Collecteur	
	214.8014	3/8"	2"1/2 - 36"		224.8014	3/8"	2"1/2 - 36"	
	214.8017	1/2"	3/4" - 1"		224.8017	1/2"	3/4" - 1"	
	214.8019	1/2"	1"1/4 - 2"1/2		224.8019	1/2"	1"1/4 - 2"1/2	
	214.8021	1/2"	3" - 36"		224.8021	1/2"	3" - 36"	
	214.8026	3/4"	2" - 3"1/2		224.8026	3/4"	2" - 3"1/2	
	214.8028	3/4"	4" - 36"		224.8028	3/4"	4" - 36"	
	214.8033	1"	2" - 2"1/2		224.8033	1"	2" - 2"1/2	
	214.8035	1"	3" - 5"		224.8035	1"	3" - 5"	
	214.8037	1"	6" - 36"		224.8037	1"	6" - 36"	
	214.8048	1"1/2	2" - 3"		224.8048	1"1/2	2" - 3"	
	214.8052	1"1/2	3"1/2 - 5"		224.8052	1"1/2	3"1/2 - 5"	
	214.8053	1"1/2	6" - 10"		224.8053	1"1/2	6" - 10"	
	214.8055	1"1/2	12" - 36"		224.8055	1"1/2	12" - 36"	
	214.8060	2"	3"1/2 - 4"		224.8060	2"	3"1/2 - 4"	
	214.8062	2"	5" - 6"		224.8062	2"	5" - 6"	
	214.8064	2"	8" - 12"		224.8064	2"	8" - 12"	
	214.8065	2"	14" - 36"		224.8065	2"	14" - 36"	

WELDOLET BW	Réf 304L	DN	Collecteur		Réf 316L	DN	Collecteur	
	214.9014	3/8"	2"1/2 - 36"		224.9014	3/8"	2"1/2 - 36"	
	214.9017	1/2"	3/4" - 1"		224.9017	1/2"	3/4" - 1"	
	214.9019	1/2"	1"1/4 - 2"1/2		224.9019	1/2"	1"1/4 - 2"1/2	
	214.9021	1/2"	3" - 36"		224.9021	1/2"	3" - 36"	
	214.9023	3/4"	1"		224.9023	3/4"	1"	
	214.9024	3/4"	1"1/4 - 1"1/2		224.9024	3/4"	1"1/4 - 1"1/2	
	214.9026	3/4"	2" - 3"1/2		224.9025	3/4"	2" - 3"1/2	
	214.9028	3/4"	4" - 36"		224.9028	3/4"	4" - 36"	
	214.9031	1"	1"1/4 - 1"1/2		224.9031	1"	1"1/4 - 1"1/2	
	214.9035	1"	3" - 5"		224.9035	1"	3" - 5"	
	214.9037	1"	6" - 36"		224.9037	1"	6" - 36"	
	214.9053	1"1/2	6" - 10"		224.9053	1"1/2	6" - 10"	
	214.9055	1"1/2	12" - 36"		224.9055	1"1/2	12" - 36"	
	214.9060	2"	3"1/2 - 4"		224.9060	2"	3"1/2 - 4"	
	214.9062	2"	5" - 6"		224.9062	2"	5" - 6"	
	214.9064	2"	8" - 12"		224.9064	2"	8" - 12"	
	214.9065	2"	14" - 36"		225.9065	2"	14" - 36"	

NIPOLET	Réf 304L	DN	Collecteur		Réf 316L	DN	Collecteur	
	999.00xx				999.00xx			



Nipolet :

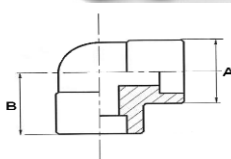


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Forgé SW - Socket welding

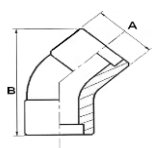
Raccords forgés 3000 - 304L et 316L

COUDE 90° FF



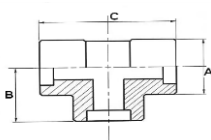
DN	A	B	Poids	Réf 304L	Réf 316L
1/4"	23	21	0.140	214.0201	224.0201
3/8"	27	24	0.110	214.0202	224.0202
1/2"	34	26	0.330	214.0203	224.0203
3/4"	39	32	0.340	214.0204	224.0204
1"	46	35	0.920	214.0205	224.0205
1"1/4	56	40	0.740	214.0206	224.0206
1"1/2	63	45	0.920	214.0207	224.0207
2"	78	54	1.570	214.0208	224.0208

COUDE 45° FF



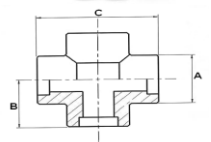
DN	A	D	Poids	Réf 304L	Réf 316L
1/4"	23		0.120	214.0101	224.0101
3/8"	27		0.100	214.0102	224.0102
1/2"	34		0.220	214.0103	224.0103
3/4"	39		0.256	214.0104	224.0104
1"	46		0.430	214.0105	224.0105
1"1/4	56		0.650	214.0106	224.0106
1"1/2	63		0.790	214.0107	224.0107
2"	78		1.300	214.0108	224.0108

TE FFF



DN	A	B	C	Poids	Réf 304L	Réf 316L
1/4"	23	43	35	0.170	214.0901	224.0901
3/8"	27	51	40	0.140	214.0902	224.0902
1/2"	34	58	45	0.330	214.0903	224.0903
3/4"	39	66	57	0.400	214.0904	224.0904
1"	46	77	64	0.630	214.0905	224.0905
1"1/4	56	90	75	0.920	214.0906	224.0906
1"1/2	63	102	86	1.260	214.0907	224.0907
2"	78	121	104	2.000	214.0908	224.0908

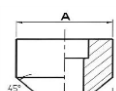
CROIX FFFF



DN	A	B	C	Poids	Réf 304L	Prix Euro	Réf 316L
1/4"	23	43	35	0.230			224.0801
3/8"	27	51	40	0.250			224.0802
1/2"	34	58	45	0.310			224.0803
3/4"	39	66	57	0.460			224.0804
1"	46	77	64	0.745			224.0805
1"1/4	56	90	75	1.100			224.0806
1"1/2	63	102	86	1.500			224.0807
2"	78	121	104	2.300			224.0808

BOSSAGE A SOUDER

3/6M



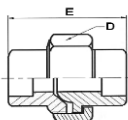
DN	A	D	Poids	Réf 304L	Prix Euro	Réf 316L
1/4"	25	14	0.060	214.4201		224.4201
3/8"	30	17.5	0.080	214.4202		224.4202
1/2"	33	21.5	0.115	214.4203		224.4203
3/4"	42	27	0.210	214.4204		224.4204
1"	50	33.6	0.325	214.4205		224.4205
1"1/4	60	42.5	0.570	214.4206		224.4206
1"1/2	65	48.5	0.580	214.4207		224.4207
2"	85	61	1.405	214.4208		224.4208

HP

Forgé SW - Socket welding

Raccords forgés 3000 - 304L et 316L

UNION 3 P. FF

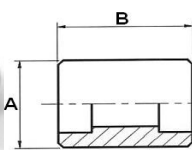


DN	D	E	Poids	Réf 304L		Réf 316L
1/4"	35	44	0.150	214.2301		224.2301
3/8"	40	50	0.205	214.2302		224.2302
1/2"	45	52	0.315	214.2303		224.2303
3/4"	57	61	0.480	214.2304		224.2304
1"	64	65	0.670	214.2305		224.2305
1"1/4	75	74	0.831	214.2306		224.2306
1"1/2	86	85	1.430	214.2307		224.2307
2"	104	94	2.545	214.2308		224.2308

Cf UNION NPT-SW p43

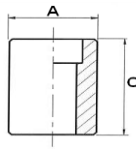
GAZ-SW p43

MANCHON FF



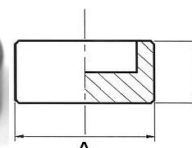
DN	A	B	Poids	Réf 304L		Réf 316L
1/4"	22	25	0.050	214.1701		224.1701
3/8"	25	25	0.050	214.1702		224.1702
1/2"	32	28	0.110	214.1703		224.1703
3/4"	36	33	0.130	214.1704		224.1704
1"	45	38	0.250	214.1705		224.1705
1"1/4	55	38	0.330	214.1706		224.1706
1"1/2	60	38	0.350	214.1707		224.1707
2"	75	50	0.750	214.1708		224.1708

DEMI-MANCHON FEM



DN	A	C	Poids	Réf 304L		Réf 316L
1/4"	22	25	0.075	214.2201		224.2201
3/8"	25	26	0.075	214.2202		224.2202
1/2"	32	30	0.165	214.2203		224.2203
3/4"	36	35	0.170	214.2204		224.2204
1"	45	40	0.105	214.2205		224.2205
1"1/4	55	41	0.430	214.2206		224.2206
1"1/2	60	43	0.600	214.2207		224.2207
2"	75	55	1.000	214.2208		224.2208

BOUCHON FEMELLE

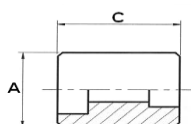


DN	A	B	Poids	Réf 304L		Réf 316L
1/4"	25	15	0.055	214.1201		224.1201
3/8"	25	13	0.040	214.1202		224.1202
1/2"	33	16	0.090	214.1203		224.1203
3/4"	36	18	0.100	214.1204		224.1204
1"	45	23	0.190	214.1205		224.1205
1"1/4	55	23	0.330	214.1206		224.1206
1"1/2	60	24	0.325	214.1207		224.1207
2"	75	28	0.880	214.1208		224.1208

Forgé SW - Socket welding

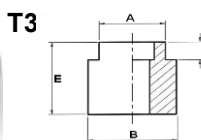
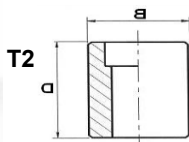
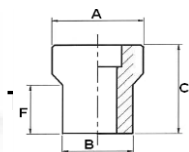
Raccords forgés 3000 - 304L et 316L

REDUCTION FF



DN	A	C	Poids	Réf 304L	Réf 316L
1/4" x 1/8"	25	23.5	0.060	214.2000	224.2000
3/8" x 1/8"	25	25	0.060	214.2001	224.2001
3/8" x 1/4"	25	25	0.060	214.2002	224.2002
1/2" x 1/4"	32	27	0.150	214.2004	224.2004
1/2" x 3/8"	33	28	0.130	214.2005	224.2005
3/4" x 1/4"	36	35	0.190	214.2007	224.2007
3/4" x 3/8"	36	33	0.170	214.2008	224.2008
3/4" x 1/2"	36	33	0.235	214.2009	224.2009
1" x 1/4"	45	38	0.365	214.2011	224.2011
1" x 3/8"	45	38	0.365	214.2012	224.2012
1" x 1/2"	45	38	0.340	214.2013	224.2013
1" x 3/4"	45	38	0.290	214.2014	224.2014
1"1/4 x 1/2"	55	38	0.510	214.2018	224.2018
1"1/4 x 3/4"	55	38	0.450	214.2019	224.2019
1"1/4 x 1"	55	38	0.430	214.2020	224.2020
1"1/2 x 1/2"	60	38	0.610	214.2024	224.2024
1"1/2 x 3/4"	60	38	0.525	214.2025	224.2025
1"1/2 x 1"	60	38	0.525	214.2026	224.2026
1"1/2 x 1"1/4	60	38	0.570	214.2027	224.2027
2" x 1/2"	75	51	1.270	214.2031	224.2031
2" x 3/4"	75	50	1.170	214.2032	224.2032
2" x 1"	75	50	1.170	214.2033	224.2033
2" x 1"1/4	75	50	1.170	214.2034	224.2034
2" x 1"1/2	75	50	0.970	214.2035	224.2035

REDUCTION INSERT MF



DN	Type	Poids	Réf 304L	Réf 316L
3/8" x 1/4"	1	0.050	214.1802	224.1802
1/2" x 1/4"	2	0.055	214.1804	224.1804
1/2" x 3/8"	1	0.075	214.1805	224.1805
3/4" x 1/4"	3	0.800	214.1807	224.1807
3/4" x 3/8"	2	0.080	214.1808	224.1808
3/4" x 1/2"	1	0.135	214.1809	224.1809
1" x 1/4"	3	0.180	214.1811	224.1811
1" x 3/8"	3	0.175	214.1812	224.1812
1" x 1/2"	2	0.170	214.1813	224.1813
1" x 3/4"	1	0.190	214.1814	224.1814
1"1/4 x 1/2"	3	0.250	214.1818	224.1818
1"1/4 x 3/4"	2	0.280	214.1819	224.1819
1"1/4 x 1"	1	0.315	214.1820	224.1820
1"1/2 x 1/2"	3	0.400	214.1824	224.1824
1"1/2 x 3/4"	3	0.360	214.1825	224.1825
1"1/2 x 1"	2	0.900	214.1826	224.1826
1"1/2 x 1"1/4	1	0.355	214.1827	224.1827
2" x 1/2"	3	0.720	214.1831	224.1831
2" x 3/4"	3	0.820	214.1832	224.1832
2" x 1"	3	0.605	214.1833	224.1833
2" x 1"1/4	3	0.530	214.1834	224.1834
2" x 1"1/2	2	0.480	214.1835	224.1835

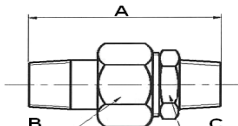
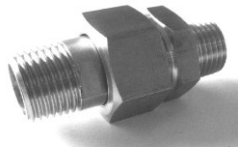


GAZ - NPT INOX 316/316L

Série légère

UNION USINEES A JOINT CONIQUE

UNION 3 Pièces Male Male

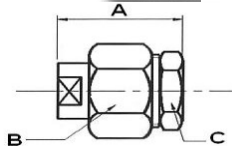


PN63

PN40

DN	A	B	C*	Poids	GAZ		NPT	
					Réf		Réf	
1/8"	41	21	17	0.060	120.2500			
1/4"	47	22	17	0.065	120.2501		170.2501	
3/8"	54	26	22	0.100	120.2502		170.2502	
1/2"	6	30	27	0.130	120.2503		170.2503	
3/4"	71	36	27	0.250	120.2504		170.2504	
1"	80	46	35	0.420	120.2505		170.2505	
1"1/4	81	55	45	0.510	120.2506		170.2506	
1"1/2	82	60	50	0.550	120.2507		170.2507	
2"	91	70	60	0.900	120.2508		170.2508	
2"1/2	106	92	77	1.200	120.2509			
3"	125	110	94	2.000	120.2510			
4"	157	135	115	4.000	120.2512			

UNION 3 Pièces Femelle Femelle

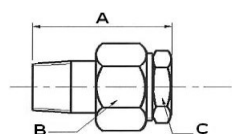


PN63

PN40

DN	A	B	C*	Poids	GAZ		NPT	
					Réf		Réf	
1/8"	29	24	21	0.060	120.2300			
1/4"	30	26	22	0.060	120.2301		170.2301	
3/8"	35	32	27	0.110	120.2302		170.2302	
1/2"	39	36	35	0.170	120.2303		170.2303	
3/4"	48	46	37	0.310	120.2304		170.2304	
1"	52	55	45	0.430	120.2305		170.2305	
1"1/4	55	60	50	0.460	120.2306		170.2306	
1"1/2	55	70	60	0.750	120.2307		170.2307	
2"	54	84	70	0.840	120.2308		170.2308	
2"1/2	63	110	94	1.900	120.2309			
3"	75	122	104	2.270	120.2310			

UNION 3 Pièces Male Femelle



PN63

PN40

DN	A	B	C*	Poids	GAZ		NPT	
					Réf		Réf	
1/8"	32	21	17	0.040	120.2400			
1/4"	37	22	17	0.040	120.2401		170.2401	
3/8"	42	26	22	0.060	120.2402		170.2402	
1/2"	48	30	27	0.110	120.2403		170.2403	
3/4"	58	36	30	0.190	120.2404		170.2404	
1"	66	46	37	0.320	120.2405		170.2405	
1"1/4	69	55	46	0.420	120.2406		170.2406	
1"1/2	69	60	52	0.450	120.2407		170.2407	
2"	79	70	63	0.690	120.2408		170.2408	
2"1/2	94	92	82	1.100	120.2409			
3"	100	110	94	1.750	120.2410			
4"	122	135	120	3.700	120.2412			

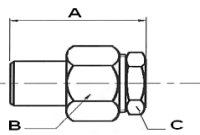
* Cote C : jusqu'au 1/2" : 6 pans
à partir du 3/4" : 2 plats

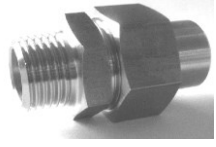
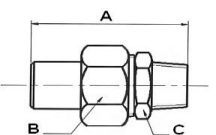


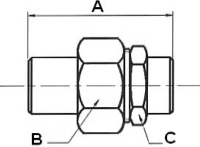
GAZ - NPT INOX 316/316L

Série légère

UNION USINEES A JOINT CONIQUE

UNION 3 Pièces Lisse Femelle							GAZ	NPT	
	DN	A	B	C*	Poids	Réf		Réf	
 	1/8"	31	21	17	0.045	120.2600			
	1/4"	31	22	17	0.065	120.2601		170.2601	
	3/8"	35	26	22	0.080	120.2602		170.2602	
	1/2"	40	30	27	0.100	120.2603		170.2603	
	3/4"	50	36	30	0.170	120.2604		170.2604	
	1"	50	46	37	0.280	120.2605		170.2605	
	1"1/4	53	55	46	0.380	120.2606		170.2606	
	1"1/2	54	60	52	0.420	120.2607		170.2607	
PN40	2"	63	70	63	0.600	120.2608		170.2608	
	2"1/2	72	92	82	1.000	120.2609			
	3"	84	100	94	1.635	120.2610			
	4"	110	135	120	3.700	120.2612			

UNION 3 Pièces Lisse Male							GAZ	NPT	
	DN	A	B	C*	Poids	Réf		Réf	
 	1/8"	40	22	17	0.040	120.2700			
	1/4"	40	22	17	0.040	120.2701		170.2701	
	3/8"	48	26	22	0.060	120.2702		170.2702	
	1/2"	51	30	27	0.110	120.2703		170.2703	
	3/4"	62	36	30	0.190	120.2704		170.2704	
	1"	65	46	37	0.320	120.2705		170.2705	
	1"1/4	65	55	46	0.420	120.2706		170.2706	
	1"1/2	67	60	52	0.450	120.2707		170.2707	
PN40	2"	75	70	63	0.690	120.2708		170.2708	
	2"1/2	84	92	82	1.100	120.2709			
	3"	108	110	94	1.750	120.2710			
	4"	145	135	115	4.100	120.2712			

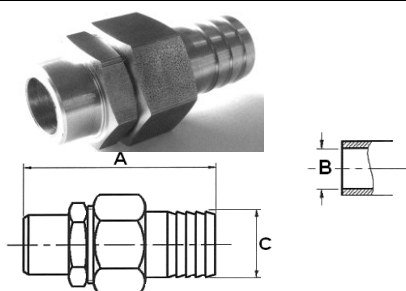
UNION 3 Pièces Lisse Lisse		DN	A	B	C*	Poids	Réf GAZ
 	PN63	1/8"	40	22	17	0.065	120.2800
		1/4"	40	22	17	0.065	120.2801
		3/8"	48	26	22	0.100	120.2802
		1/2"	48	30	27	0.130	120.2803
		3/4"	54	37	27	0.190	120.2804
		1"	56	46	35	0.320	120.2805
		1"1/4	56	55	45	0.420	120.2806
		1"1/2	60	60	50	0.480	120.2807
PN40		2"	65	70	60	0.670	120.2808
		2"1/2	78	92	77	1.200	120.2809
		3"	96	110	94	1.850	120.2810
		4"	130	135	115	4.000	120.2812

* Cote C : jusqu'au 1/2" : 6 pans
à partir du 3/4" : 2 plats



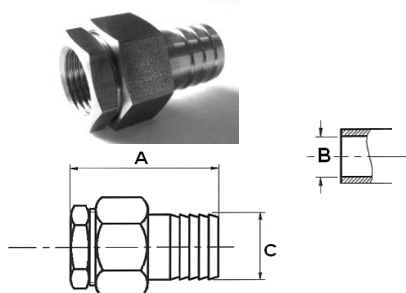
UNION USINEES A JOINT PLAT TEFLON

UNION 3 Pièces Lisse Cannelés



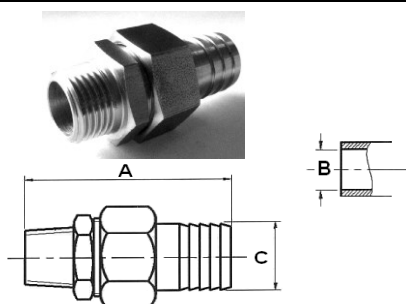
Réf GAZ	DN	A	B	C	Poids	
120.6914	1/4"	46	13	13.5	0.060	
120.6924	3/8"	52	16	17.2	0.100	
120.6933	1/2"	59	19	21.3	0.155	
120.6944	3/4"	67	25	26.9	0.250	
120.6954	1"	75	32	33.7	0.400	
120.6964	1"1/4	79	40	42.4	0.505	
120.6974	1"1/2	77	46	48.3	0.570	
120.6984	2"	88	58	60.3	0.900	

UNION 3 Pièces Femelle Cannelés



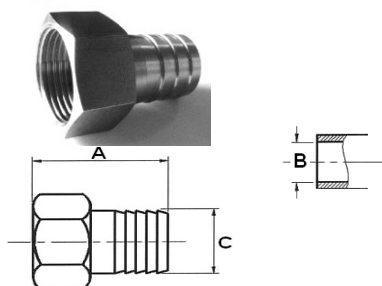
Réf GAZ	DN	A	B	C	Poids	
120.7114	1/4"	37	13	13.5	0.045	
120.7124	3/8"	41	16	17.2	0.090	
120.7133	1/2"	51	19	21.3	0.125	
120.7144	3/4"	60	25	26.9	0.200	
120.7154	1"	70	32	33.7	0.340	
120.7164	1"1/4	72	40	42.4	0.465	
120.7174	1"1/2	76	46	48.3	0.500	
120.7184	2"	87	58	60.3	0.790	

UNION 3 Pièces Male Cannelés



Réf GAZ	DN	A	B	C	Poids	
120.7014	1/4"	46	13	13.5	0.060	
120.7024	3/8"	53	16	17.2	0.100	
120.7033	1/2"	63	19	21.3	0.160	
120.7044	3/4"	74	25	26.9	0.250	
120.7054	1"	84	32	33.7	0.400	
120.7064	1"1/4	88	40	42.4	0.510	
120.7074	1"1/2	94	46	48.3	0.580	
120.7084	2"	100	58	60.3	0.920	

ECROU TOURNANT



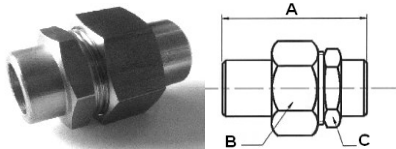
Réf GAZ	DN	A	B	C	Poids	
120.3723	3/8"	31.5	13	13.5	0.040	
120.3731	1/2"	37.5	16	17.2	0.045	
120.3743	3/4"	44	19	21.3	0.080	
120.3753	1"	50.5	25	26.9	0.130	
120.3763	1"1/4	56.5	32	33.7	0.215	
120.3773	1"1/2	62	42	42.4	0.330	

GAZ INOX 316/316L

Série légère

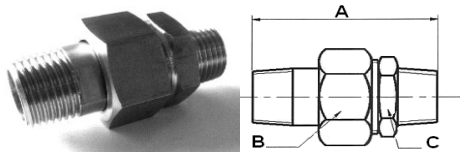
UNION USINEES A JOINT PLAT TEFLON

UNION 3 Pièces Lisse Lisse



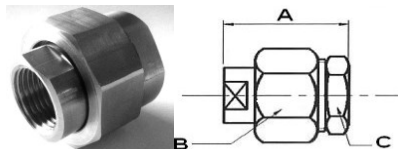
Réf	DN	A	B	C*	Poids	
120.3601	1/4"	40	22	17	0.065	
120.3602	3/8"	48	26	22	0.100	
120.3603	1/2"	48	30	27	0.130	
120.3604	3/4"	54	36	27	0.190	
120.3605	1"	56	46	35	0.320	
120.3606	1"1/4	56	55	45	0.420	
120.3607	1"1/2	60	60	50	0.480	
120.3608	2"	65	70	60	0.670	

UNION 3 Pièces Male Male



Réf	DN	A	B	C*	Poids	
120.3301	1/4"	47	22	17	0.065	
120.3302	3/8"	54	26	22	0.100	
120.3303	1/2"	60	30	27	0.130	
120.3304	3/4"	71	36	27	0.250	
120.3305	1"	80	46	35	0.420	
120.3306	1"1/4	81	55	45	0.510	
120.3307	1"1/2	82	60	50	0.550	
120.3308	2"	91	70	60	0.900	

UNION 3 Pièces Femelle Femelle



Réf	DN	A	B	C*	Poids	
120.3101	1/4"	30	22	17	0.060	
120.3102	3/8"	35	26	22	0.110	
120.3103	1/2"	39	30	27	0.170	
120.3104	3/4"	48	36	27	0.310	
120.3105	1"	52	46	35	0.430	
120.3106	1"1/4	55	55	45	0.460	
120.3107	1"1/2	55	60	50	0.750	

JOINT PTFE

Pour union à joint plat



Réf	DN	A	B	C	Poids	
23.9011	1/4"	15	10	10	0.003	
23.9012	3/8"	18.2	14	14	0.005	
23.9013	1/2"	24	17.2	17.2	0.010	
23.9014	3/4"	30	22	22	0.015	
23.9015	1"	37.8	29	29	0.020	
23.9016	1"1/4	47	38	38	0.026	
23.9017	1"1/2	52.5	43.5	43.5	0.040	
23.9018	2"	62	52.5	52.5	0.055	



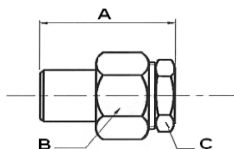
GAZ INOX 316/316L



Série légère

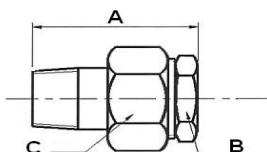
UNION USINEES A JOINT PLAT TEFLON

UNION 3 Pièces Lisse Femelle



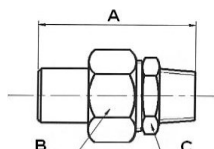
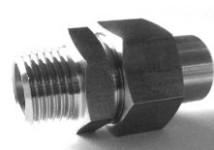
Réf	DN	A	B	C*	Poids
120.3401	1/4"	31	22	17	0.060
120.3402	3/8"	35	26	22	0.080
120.3403	1/2"	40	30	27	0.100
120.3404	3/4"	50	36	30	0.170
120.3405	1"	50	46	37	0.280
120.3406	1"1/4	53	55	46	0.380
120.3407	1"1/2	54	60	52	0.420
120.3408	2"	63	70	63	0.600

UNION 3 Pièces Male Femelle



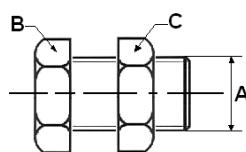
Réf	DN	A	B	C*	Poids
120.3201	1/4"	37	22	17	0.040
120.3202	3/8"	42	26	22	0.060
120.3203	1/2"	48	30	27	0.110
120.3204	3/4"	58	36	30	0.190
120.3205	1"	66	46	37	0.320
120.3206	1"1/4	69	55	46	0.420
120.3207	1"1/2	69	60	52	0.450
120.3208	2"	79	70	63	0.690

UNION 3 Pièces Lisse Male



Réf	DN	A	B	C*	Poids
120.3501	1/4"	40	22	17	0.050
120.3502	3/8"	48	26	22	0.080
120.3503	1/2"	51	30	27	0.130
120.3504	3/4"	62	36	27	0.210
120.3505	1"	65	46	35	0.340
120.3506	1"1/4	65	55	45	0.450
120.3507	1"1/2	67	60	50	0.490
120.3508	2"	75	70	60	1.170

TRAVERSEE DE CLOISON



Réf	DN	A	B	C	Poids
120.7201	1/4"	1/2"	27	35	0.100
120.7202	3/8"	1/2"	27	35	0.090
120.7203	1/2"	3/4"	32	40	0.130
120.7204	3/4"	1"	38	40	0.210
120.7205	1"	1"1/4	50	45	0.350
120.7206	1"1/4	1"1/2	60	50	0.420
120.7207	1"1/2	2"	70	54	0.780

* Cote C : jusqu'au 1/2" : 6 pans
à partir du 3/4" : 2 plats



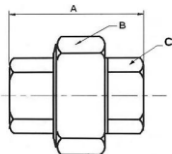
GAZ INOX 316/316L



Série légère - PN20

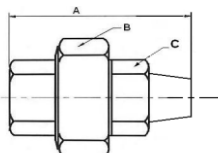
UNION MOULEES

UNION 3 Pièces Fem Fem



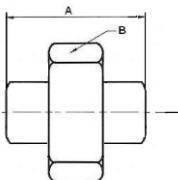
Réf	DN	A	B	C	Poids
120.7301	1/4"	33	29	18	0.100
120.7302	3/8"	35	34	22	0.110
120.7303	1/2"	40	40	26	0.150
120.7304	3/4"	43	47	31	0.220
120.7305	1"	51	55	38	0.330
120.7306	1 1/4"	57	64	48	0.500
120.7307	1 1/2"	60	72	55	0.600
120.7308	2"	62	90	67	0.960
120.7309	2 1/2"	71	106	83	1.530
120.7310	3"	80	122	97	2.020

UNION 3 Pièces Male Fem



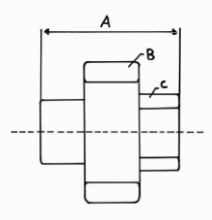
Réf	DN	A	B	C	Poids
120.8001	1/4"	46	29	18	0.100
120.8002	3/8"	53	34	22	0.150
120.8003	1/2"	54	40	26	0.170
120.8004	3/4"	60	47	31	0.200
120.8005	1"	67	55	38	0.320
120.8006	1 1/4"	74	64	48	0.500
120.8007	1 1/2"	76	72	55	0.600
120.8008	2"	83	86	67	0.800
120.8009	2 1/2"	97	105.5	83	1.380
120.8010	3"	119	123.7	96	2.150

UNION 3 Pièces BW



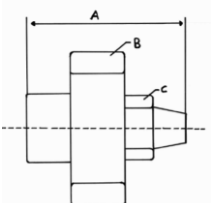
Réf	DN	A	B	Poids
120.8101	1/4"	35	29	0.100
120.8102	3/8"	38	34	0.110
120.8103	1/2"	40	40	0.150
120.8104	3/4"	47	47	0.200
120.8105	1"	48	55	0.320
120.8106	1 1/4"	55	64	0.500
120.8107	1 1/2"	57	72	0.600
120.8108	2"	58	86	0.800

UNION 3 Pièces Lisse Fem



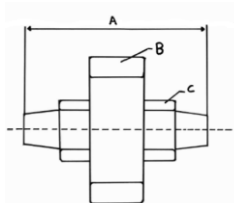
Réf	DN	A	B	C	Poids
120.8301	1/4"	35.5	30	18	0.090
120.8302	3/8"	38	35	22	0.110
120.8303	1/2"	42	42	27	0.190
120.8304	3/4"	50	47	32	0.270
120.8305	1"	50	54	39	0.320
120.8306	1 1/4"	59	72	48	0.670
120.8307	1 1/2"	64	78	55	0.730
120.8308	2"	69	92	67	1.120

UNION 3 Pièces Lisse Male



Réf	DN	A	B	C	Poids
120.8401	1/4"	50	30	18	0.110
120.8402	3/8"	50	35	22	0.130
120.8403	1/2"	58	42	27	0.230
120.8404	3/4"	66	48	32	0.300
120.8405	1"	68	54	38	0.400
120.8406	1 1/4"	82	72	48	0.820
120.8407	1 1/2"	86	78	54	0.890
120.8408	2"	94	92	68	1.390

UNION 3 Pièces Male Male



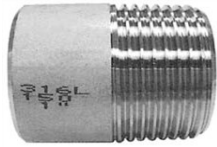
Réf	DN	A	B	C	Poids
120.8601	1/4"	61	30	18	0.120
120.8602	3/8"	62.5	35	22	0.140
120.8603	1/2"	73	42	26	0.190
120.8604	3/4"	82	48	32	0.260
120.8605	1"	90	54	39	0.370
120.8606	1 1/4"	104	72	48	0.630
120.8607	1 1/2"	109.5	78	55	0.790
120.8608	2"	118	92	67	1.020



GAZ INOX 316/316L

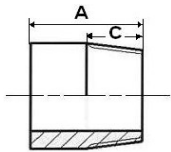
Série légère - PN20

EMBOUT MALE



GAZ

Réf std	DN	A	C	Poids	Réf lg 100	Poids
120.4700	1/8"	20	9	0.010	120.4735	0.040
120.4701	1/4"	22	9	0.010	120.4736	0.060
120.4702	3/8"	23	12	0.020	120.4737	0.080
120.4703	1/2"	27	13	0.025	120.4738	0.100
120.4704	3/4"	32	17	0.040	120.4739	0.140
120.4705	1"	32	20	0.050	120.4740	0.210
120.4706	1"1/4	33	21	0.090	120.4741	0.280
120.4707	1"1/2	35	21	0.120	120.4742	0.320
120.4708	2"	40	24	0.130	120.4743	0.440
120.4709	2"1/2	45	25	0.350	120.4744	0.520
120.4710	3"	55	34	0.460	120.4745	0.980
120.4712	4"	60	35	1.110	120.4746	1.340
120.4714	5"	85	41	1.400		
120.4716	6"	100	41	2.100		



GAZ

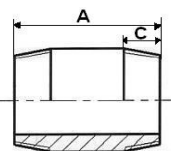
Réf lg 150	DN	Poids	Réf lg 200	Poids
120.4748	1/4"	0.090	120.4760	0.120
120.4749	3/8"	0.120	120.4761	0.160
120.475	1/2"	0.150	120.4762	0.200
120.4751	3/4"	0.210	120.4763	0.260
120.4752	1"	0.320	120.4764	0.400
120.4753	1"1/4	0.420	120.4765	0.570
120.4754	1"1/2	0.480	120.4766	0.650
120.4755	2"	0.620	120.4767	0.900
120.4756	2"1/2	0.870		
120.4757	3"	1.390		
120.4759	4"	1.935		

BOBINE DOUBLE



GAZ

Réf	DN	A	C	Poids	Réf lg 100	Poids
120.4500	1/8"	30	10	0.010	120.4535	0.040
120.4501	1/4"	30	11	0.015	120.4536	0.060
120.4502	3/8"	35	12	0.025	120.4537	0.080
120.4503	1/2"	42	13	0.030	120.4538	0.100
120.4504	3/4"	50	17	0.050	120.4539	0.140
120.4505	1"	50	20	0.080	120.4540	0.210
120.4506	1"1/4	58	21	0.135	120.4541	0.280
120.4507	1"1/2	60	21	0.210	120.4542	0.320
120.4508	2"	74	24	0.340	120.4543	0.440
120.4509	2"1/2	80	25	0.515	120.4544	0.520
120.4510	3"	80	34	0.650	120.4545	0.980
120.4512	4"	80	35	0.915		



GAZ

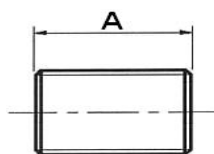
Réf lg 150	DN	Poids	Réf lg 200	Poids
120.4548	1/4"	0.090	120.4560	0.125
120.4549	3/8"	0.120	120.4561	0.165
120.4550	1/2"	0.150	120.4562	0.190
120.4551	3/4"	0.210	120.4563	0.245
120.4552	1"	0.320	120.4564	0.370
120.4553	1"1/4	0.420	120.4565	0.570
120.4554	1"1/2	0.480	120.4566	0.670
120.4555	2"	0.620	120.4567	0.920
120.4556	2"1/2	0.870	120.4568	1.200
120.4557	3"	1.390	120.4569	1.890
120.4558	4"	1.935	120.4570	2.580



GAZ INOX 316/316L

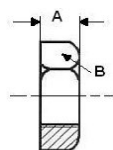
Série légère - PN20

BOBINE FILETE



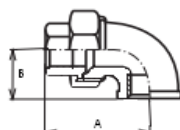
Réf	DN	A	Poids	
120.4601	1/4"	18	0.005	
120.4602	3/8"	22	0.010	
120.4603	1/2"	25	0.015	
120.4604	3/4"	30	0.030	
120.4605	1"	35	0.050	
120.4606	1"1/4	37	0.065	
120.4607	1"1/2	38	0.080	
120.4608	2"	45	0.130	
120.4609	2"1/2	55	0.290	
120.4610	3"	60	0.365	

ECROU HEXA



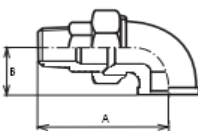
Réf	DN	A	B	Poids	
120.4301	1/4"	6	22	0.020	
120.4302	3/8"	7	27	0.020	
120.4303	1/2"	8	30	0.030	
120.4304	3/4"	9	36	0.050	
120.4305	1"	11	46	0.080	
120.4306	1"1/4	11	55	0.110	
120.4307	1"1/2	12	60	0.120	
120.4308	2"	12	75	0.160	
120.4309	2"1/2	16	95	0.420	
120.4310	3"	19	105	0.485	

COUDE UNION 90 FF GAZ 316



Réf	DN	A	B	Poids	
120.0601	1/4"	40	25	0.112	
120.0602	3/8"	44.5	27	0.176	
120.0603	1/2"	52.3	27	0.222	
120.0604	3/4"	54.5	33	0.344	
120.0605	1"	66	40	0.530	
120.0606	1"1/4	73	48	0.766	
120.0607	1"1/2	77.5	52	1.022	
120.0608	2"	87	62	1.604	

COUDE UNION 90 MF GAZ 316



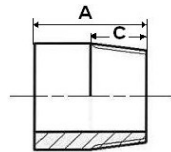
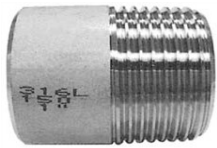
Réf	DN	A	B	Poids	
120.0701	1/4"	51.5	25	0.118	
120.0702	3/8"	63	27	0.190	
120.0703	1/2"	66	27	0.244	
120.0704	3/4"	68.5	33	0.376	
120.0705	1"	81	40	0.572	
120.0706	1"1/4	88	48	0.838	
120.0707	1"1/2	92	52	1.090	
120.0708	2"	105	62	1.732	

GAZ - NPT INOX 316/316L

Série légère - PN 20



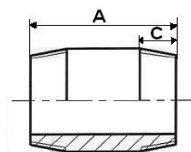
EMBOUT MALE



NPT

Réf	DN	A	C	Poids	
170.4701	1/4"	22	11	0.010	
170.4702	3/8"	23	12.5	0.020	
170.4703	1/2"	27	14.5	0.025	
170.4704	3/4"	32	16	0.040	
170.4705	1"	32	19	0.050	
170.4706	1"1/4	33	20.5	0.090	
170.4707	1"1/2	35	20.5	0.120	
170.4708	2"	40	27	0.130	
170.4709	2"1/2	55	30	0.420	
170.4710	3"	60	30	0.600	

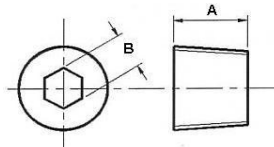
BOBINE DOUBLE STANDARD



NPT

Réf	DN	A	C	Poids	
170.4501	1/4"	36	11	0.015	
170.4502	3/8"	39	12.5	0.025	
170.4503	1/2"	42	14.5	0.035	
170.4504	3/4"	50	16	0.050	
170.4505	1"	56	19	0.075	
170.4506	1"1/4	58	20.5	0.090	
170.4507	1"1/2	62	20.5	0.120	
170.4508	2"	74	22	0.240	

BOUCHON M 6 P Creux



NPT

GAZ

Réf	DN	A	B	Poids	
170.1300	1/8"	8	5	0.005	
170.1301	1/4"	11	6	0.010	
170.1302	3/8"	12	8	0.015	
170.1303	1/2"	15	10	0.025	
170.1304	3/4"	16	14	0.040	
170.1305	1"	17	17	0.080	
120.1300	1/8"	8	5	0.005	
120.1301	1/4"	11	6	0.010	
120.1302	3/8"	12	8	0.015	
120.1303	1/2"	15	10	0.025	
120.1304	3/4"	16	14	0.040	
120.1305	1"	17	17	0.080	

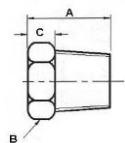


GAZ INOX 316/316L



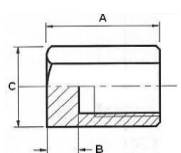
Série légère - PN20

BOUCHON MTH Conique Creux



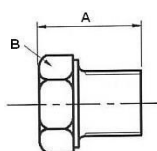
Réf	DN	A	B	C	Poids
120.1400	1/8"	15	14	4	0.015
120.1401	1/4"	15	14	4	0.020
120.1402	3/8"	15	17	5	0.025
120.1403	1/2"	18	22	6	0.050
120.1404	3/4"	22	27	7	0.095
120.1405	1"	28	38	8	0.110
120.1406	1 1/4"	32	46	9	0.150
120.1407	1 1/2"	33	50	10	0.230
120.1408	2"	35	65	10	0.370
120.1409	2 1/2"	43	79	13	0.615
120.1410	3"	45	94	13	0.795
120.1412	4"	48	116	13	0.950

BOUCHON FEMELLE TH



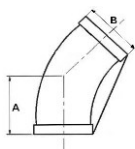
Réf	DN	A	B	C	Poids
120.1100	1/8"	10	2	13	0.005
120.1101	1/4"	10	2	17	0.010
120.1102	3/8"	12	2	22	0.020
120.1103	1/2"	14	3	24	0.030
120.1104	3/4"	16	3	30	0.040
120.1105	1"	24	3	38	0.090
120.1106	1 1/4"	27	3	50	0.110
120.1107	1 1/2"	27	4	55	0.220
120.1108	2"	33	4	70	0.280
120.1109	2 1/2"	38	4	84	0.630
120.1110	3"	41	4	104	0.800
120.1112	4"	44	4	122	1.365

BOUCHON MTH Cylindrique Plein



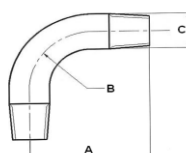
Réf	DN	A	B	Poids
120.1500	1/8"	15	14	0.015
120.1501	1/4"	19	17	0.030
120.1502	3/8"	21	22	0.040
120.1503	1/2"	24	27	0.060
120.1504	3/4"	27	30	0.100
120.1505	1"	27	38	0.180
120.1506	1 1/4"	28	50	0.330
120.1507	1 1/2"	30	60	0.680
120.1508	2"	34	70	0.830

COUDE 45 FF



Réf	DN	A	B	Poids
120.0101	1/4"	17	19	0.050
120.0102	3/8"	19	22.5	0.070
120.0103	1/2"	21	29	0.080
120.0104	3/4"	25	34	0.140
120.0105	1"	29	42	0.200
120.0106	1 1/4"	34	50.6	0.290
120.0107	1 1/2"	37	57.5	0.400
120.0108	2"	42	71	0.640

COUDE 90 GR MM



Réf	DN	A	B	C	Poids
120.0501	1/4"	60	40	13.5	0.060
120.0502	3/8"	70	45	17.2	0.100
120.0503	1/2"	80	55	21.3	0.170
120.0504	3/4"	100	70	26.9	0.260
120.0505	1"	120	80	33.7	0.450
120.0506	1 1/4"	140	95	42.4	0.900
120.0507	1 1/2"	160	115	48.3	1.200
120.0508	2"	190	125	60.3	2.100

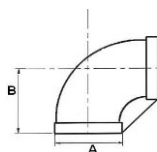


GAZ - NPT INOX 316/316L

Série légère - PN20

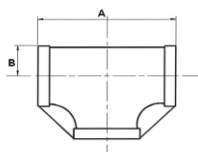


COUDE 90 FF



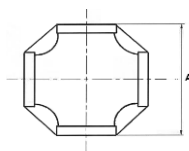
	GAZ					NPT	
	DN	A	B	Poids	Réf	Réf	
	1/8"	16	17	0.040	120.0200		
	1/4"	19	20	0.060	120.0201	170.0201	
	3/8"	22.5	24	0.130	120.0202	170.0202	
	1/2"	29	29	0.150	120.0203	170.0203	
	3/4"	34	34	0.170	120.0204	170.0204	
	1"	42	38	0.310	120.0205	170.0205	
	1"1/4	50	43	0.340	120.0206	170.0206	
	1"1/2	57	50	0.500	120.0207	170.0207	
	2"	70	57	0.700	120.0208	170.0208	
	2"1/2	88	70	0.815	120.0209		
	3"	101	78	1.235	120.0210		
	4"	125	90	1.950	120.0212		

TE FFF



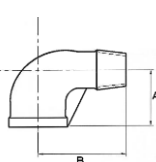
	GAZ					NPT	
	DN	A	B	Poids	Réf	Réf	
	1/8"	34	17	0.050	120.0900		
	1/4"	40	20	0.080	120.0901	170.0901	
	3/8"	48	24	0.120	120.0902	170.0902	
	1/2"	58	29	0.170	120.0903	170.0903	
	3/4"	68	34	0.230	120.0904	170.0904	
	1"	76	38	0.420	120.0905	170.0905	
	1"1/4	86	43	0.460	120.0906	170.0906	
	1"1/2	100	50	0.700	120.0907	170.0907	
	2"	114	57	1.000	120.0908	170.0908	
	2"1/2	140	70	2.050	120.0909		
	3"	147	75	3.950	120.0910		
	4"	194	95	6.500	120.0912		

CROIX FFFF



	GAZ					NPT	
	DN	A	Poids	Réf		Réf	
	1/4"	40	0.060	120.0801		170.0801	
	3/8"	48	0.130	120.0802		170.0802	
	1/2"	58	0.150	120.0803		170.0803	
	3/4"	68	0.180	120.0804		170.0804	
	1"	76	0.450	120.0805		170.0805	
	1"1/4	86	0.600	120.0806			
	1"1/2	100	0.750	120.0807			
	2"	114	1.200	120.0808			
	2"1/2	140	2.300	120.0809			
	3"	156	4.000	120.0810			

COUDE 90 MF

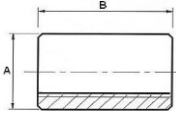
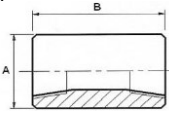


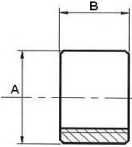
	GAZ					NPT	
	DN	A	B	Poids	Réf	Réf	
	1/8"	17	26	0.030	120.0400		
	1/4"	20	30	0.050	120.0401	170.0401	
	3/8"	24	35	0.080	120.0402	170.0402	
	1/2"	29	41	0.110	120.0403	170.0403	
	3/4"	34	48	0.180	120.0404	170.0404	
	1"	38	54	0.290	120.0405	170.0405	
	1"1/4	43	62	0.530	120.0406		
	1"1/2	50	68	0.670	120.0407	170.0407	
	2"	57	83	0.840	120.0408		
	2"1/2	70	98	1.060	120.0409		
	3"	78	112	1.330	120.0410		

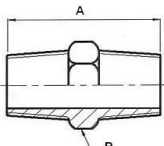


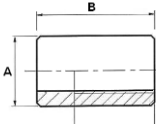
GAZ - NPT INOX 316/316L

Série légère - PN20

MANCHON FF		GAZ					NPT	
		DN	A	B	Poids	Réf	Réf	
 Plan GAZ : 	1/8"	14	20	0.010	120.1700			
	1/4"	17	25	0.020	120.1701		170.1701	
	3/8"	22	26	0.030	120.1702		170.1702	
	1/2"	26	32	0.060	120.1703		170.1703	
	3/4"	31	37	0.115	120.1704		170.1704	
	1"	39	42	0.140	120.1705		170.1705	
	1 1/4"	49	47	0.250	120.1706		170.1706	
	1 1/2"	56	48	0.310	120.1707		170.1707	
	2"	67	56	0.400	120.1708		170.1708	
	2 1/2"	82.5	65	0.550	120.1709			
Plan NPT : 	3"	95	71	0.700	120.1710			
	4"	123	83	3.200	120.1712			

DEMI-MANCHON F		GAZ				
		DN	A	B	Poids	Réf
 Plan GAZ : 	1/8"	14	9	0.010	120.2200	
	1/4"	17	11	0.018	120.2201	
	3/8"	22	12	0.020	120.2202	
	1/2"	26	17	0.030	120.2203	
	3/4"	33	17	0.065	120.2204	
	1"	39	20	0.080	120.2205	
	1 1/4"	49	22	0.090	120.2206	
	1 1/2"	56	27	0.155	120.2207	
	2"	67	26	0.160	120.2208	

MAMELON MM		GAZ					NPT	
		DN	A	B	Poids	Réf	Réf	
 Plan GAZ : 	1/8"	24	14	0.010	120.1600			
	1/4"	24	14	0.020	120.1601		170.1601	
	3/8"	28	17	0.030	120.1602		170.1602	
	1/2"	34	22	0.050	120.1603		170.1603	
	3/4"	40	27	0.075	120.1604		170.1604	
	1"	44	37	0.140	120.1605		170.1605	
	1 1/4"	50	46	0.260	120.1606		170.1606	
	1 1/2"	50	50	0.280	120.1607		170.1607	
	2"	63	65	0.400	120.1608		170.1608	
	2 1/2"	63	77	0.675	120.1609			
	3"	69	92	0.810	120.1610			
	4"	90	120	1.235	120.1612			

EMBOUT A SOUDER FEM		GAZ					NPT	
		DN	A	B	C	Poids	Réf	Réf
 Plan GAZ : 	1/4"	20	22	12	0.030	120.4801		170.4801
	3/8"	25	25	14	0.050	120.4802		170.4802
	1/2"	25	28	16	0.090	120.4803		170.4803
	3/4"	36	32	19	0.130	120.4804		170.4804
	1"	38	36	22	0.130	120.4805		170.4805
	1 1/4"	50	36	25	0.200	120.4806		170.4806
	1 1/2"	55	36	25	0.210	120.4807		170.4807
	2"	65	40	28	0.220	120.4808		170.4808

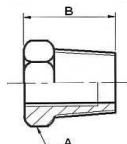


GAZ INOX 316/316L



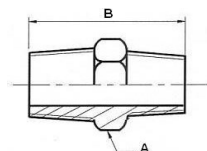
Série légère - PN20

RED MALE FEMELLE



Réf	DN	A	B	Poids
120.1800	1/4" x 1/8"	14	15	0.010
120.1801	3/8" x 1/8"	17	15	0.020
120.1802	3/8" x 1/4"	17	15	0.015
120.1803	1/2" x 1/8"	22	18	0.040
120.1804	1/2" x 1/4"	22	18	0.030
120.1805	1/2" x 3/8"	22	18	0.025
120.1807	3/4" x 1/4"	27	22	0.055
120.1808	3/4" x 3/8"	27	22	0.050
120.1809	3/4" x 1/2"	27	22	0.050
120.1811	1" x 1/4"	35	26	0.090
120.1812	1" x 3/8"	35	26	0.100
120.1813	1" x 1/2"	35	26	0.085
120.1814	1" x 3/4"	35	26	0.075
120.1818	1"1/4 x 1/2"	46	30	0.170
120.1819	1"1/4 x 3/4"	46	30	0.155
120.1820	1"1/4 x 1"	46	30	0.155
120.1825	1"1/2 x 3/4"	50	30	0.200
120.1826	1"1/2 x 1"	50	30	0.175
120.1827	1"1/2 x 1"1/4"	50	52	0.125
120.1832	2" x 3/4"	65	34	0.360
120.1833	2" x 1"	65	34	0.330
120.1834	2" x 1"1/4"	65	34	0.290
120.1835	2" x 1"1/2"	65	34	0.245
120.1843	2"1/2 x 1"1/2"	77	37	0.540
120.1844	2"1/2 x 2"	77	40	0.485
120.1853	3" x 2"	92	41	0.760
120.1854	3" x 2"1/2"	92	41	0.500

RED MALE MALE



Réf	DN	A	B	Poids
120.1900	1/4" x 1/8"	14	24	0.020
120.1901	3/8" x 1/8"	17	29	0.025
120.1902	3/8" x 1/4"	17	26	0.020
120.1903	1/2" x 1/8"	22	29	0.050
120.1904	1/2" x 1/4"	22	29	0.035
120.1905	1/2" x 3/8"	22	31	0.030
120.1907	3/4" x 1/4"	27	33	0.065
120.1908	3/4" x 3/8"	27	35	0.060
120.1909	3/4" x 1/2"	27	38	0.055
120.1911	1" x 1/4"	35	42	0.175
120.1912	1" x 3/8"	35	42	0.120
120.1913	1" x 1/2"	35	40	0.115
120.1914	1" x 3/4"	35	42	0.080
120.1918	1"1/4 x 1/2"	46	45	0.250
120.1919	1"1/4 x 3/4"	46	46	0.155
120.1920	1"1/4 x 1"	46	48	0.205
120.1924	1"1/2 x 1/2"	50	45	0.250
120.1925	1"1/2 x 3/4"	50	48	0.180
120.1926	1"1/2 x 1"	50	48	0.200
120.1927	1"1/2 x 1"1/4"	50	50	0.205
120.1932	2" x 3/4"	62	53	0.515
120.1933	2" x 1"	62	50	0.510
120.1934	2" x 1"1/4"	62	56	0.310
120.1935	2" x 1"1/2"	62	58	0.300
120.1943	2"1/2 x 1"1/2"	77	58	0.940
120.1944	2"1/2 x 2"	77	61	0.575
120.1953	3" x 2"	92	67	1.300
120.1954	3" x 2"1/2"	92	68	1.200

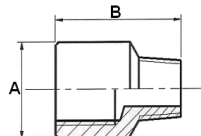


GAZ INOX 316/316L



Série légère - PN20

RED FEMELLE MALE



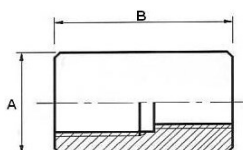
6 pans

Réf	DN	A	B	Poids	
120.2100	1/4" x 1/8"	17	21	0.015	
120.2102	3/8" x 1/4"	22	25	0.030	
120.2104	1/2" x 1/4"	24	29	0.035	
120.2105	1/2" x 3/8"	24	29	0.040	
120.2108	3/4" x 3/8"	30	32	0.060	
120.2109	3/4" x 1/2"	30	34	0.065	

Lisse

120.2113	1" x 1/2"	42	39	0.130	
120.2114	1" x 3/4"	42	40	0.120	
120.2119	1"1/4 x 3/4"	50	44	0.210	
120.2120	1"1/4 x 1"	50	45	0.225	
120.2126	1"1/2 x 1"	55	47	0.255	
120.2127	1"1/2 x 1"1/4"	55	47	0.280	
120.2134	2" x 1"1/4"	65	52	0.340	
120.2135	2" x 1"1/2"	65	52	0.384	

RED FEMELLE FEMELLE



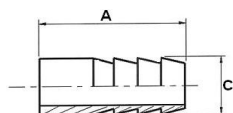
Réf	DN	A	B	Poids	
120.2000	1/4" x 1/8"	20	25	0.020	
120.2001	3/8" x 1/8"	25	30	0.040	
120.2002	3/8" x 1/4"	25	30	0.050	
120.2004	1/2" x 1/4"	30	30	0.060	
120.2005	1/2" x 3/8"	30	30	0.055	
120.2007	3/4" x 1/4"	36	32	0.175	
120.2008	3/4" x 3/8"	36	32	0.075	
120.2009	3/4" x 1/2"	36	32	0.075	
120.2011	1" x 1/4"	42	38	0.175	
120.2012	1" x 3/8"	42	38	0.170	
120.2013	1" x 1/2"	42	38	0.165	
120.2014	1" x 3/4"	42	38	0.115	
120.2018	1"1/4 x 1/2"	50	40	0.360	
120.2019	1"1/4 x 3/4"	50	40	0.145	
120.2020	1"1/4 x 1"	50	40	0.175	
120.2025	1"1/2 x 3/4"	55	45	0.430	
120.2026	1"1/2 x 1"	55	45	0.270	
120.2027	1"1/2 x 1"1/4"	55	45	0.260	
120.2033	2" x 1"	65	50	0.615	
120.2034	2" x 1"1/4"	65	50	0.305	
120.2035	2" x 1"1/2"	65	50	0.430	
120.2043	2"1/2 x 1"1/2"	85	68	1.100	
120.2044	2"1/2 x 2"	85	68	1.160	
120.2053	3" x 2"	100	75	1.100	
120.2054	3" x 2"1/2"	100	75	1.150	



GAZ - NPT INOX 316/316L

Série légère - PN20

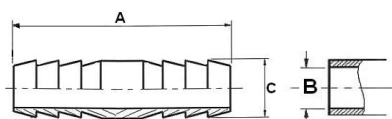
ADAPTEUR LISSE CANNELE



GAZ

DN	A	B	C	Poids	Réf
1/8"	30	10	10.2	0.015	120.3903
1/4"	30	13	13.5	0.02	120.3914
3/8"	35	16	17.2	0.03	120.3924
1/2"	40	19	21.3	0.035	120.3933
3/4"	40	25	26.9	0.05	120.3944
1"	45	32	33.7	0.077	120.3954
1"1/4	55	40	42.4	0.155	120.3964
1"1/2	55	46	48.3	0.175	120.3974
2"	60	58	60.3	0.25	120.3984
2"1/2	80	75	76	0.625	120.3990
3"	100	90	88.9	0.875	120.3991
4"	120	110	114.3	1.600	120.3995

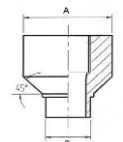
ADAPTEUR CANNELE DOUBLE



GAZ

DN	A	B	C	Poids	Réf
1/4"	46	13	13.5	0.025	120.8201
3/8"	55	16	17.2	0.040	120.8202
1/2"	50	19	21.3	0.050	120.8203
3/4"	60	25	26.9	0.085	120.8204
1"	73	32	33.7	0.150	120.8205
1"1/4	87	40	42.4	0.230	120.8206
1"1/2	90	46	48.3	0.270	120.8207

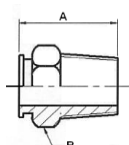
BOSSAGE A SOUDER



GAZ

DN	A	B	C	Poids	Réf
1/8"	14	22	10.2	0.020	120.4200
1/4"	18	22	13.5	0.025	120.4201
3/8"	22	30	17.2	0.045	120.4202
1/2"	25	30	21.3	0.050	120.4203
3/4"	32	30	26.9	0.070	120.4204
1"	38	35	33.7	0.110	120.4205
1"1/4	50	38	42.4	0.230	120.4206
1"1/2	60	40	48.3	0.340	120.4207
2"	70	40	60.3	0.370	120.4208

MAMELON A SOUDER



GAZ

NPT

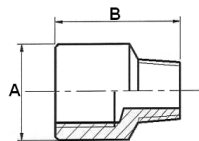
DN	A	B	Poids	Réf	Réf
1/8"	20	14	0.012	120.4400	
1/4"	20	14	0.012	120.4401	170.4401
3/8"	22	19	0.030	120.4402	170.4402
1/2"	25	22	0.040	120.4403	170.4403
3/4"	31	27	0.070	120.4404	170.4404
1"	35	37	0.130	120.4405	170.4405
1"1/4	38	46	0.220	120.4406	170.4406
1"1/2	38	55	0.260	120.4407	170.4407
2"	43	65	0.320	120.4408	170.4408
2"1/2	48	77	0.370	120.4409	
3"	50	92	0.700	120.4410	
4"	58	118	0.960	120.4412	

HPC

GAZ INOX 316/316L

Série légère - PN20

ADAPTEUR MALE FEMELLE

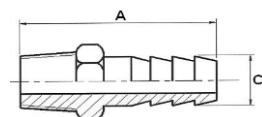
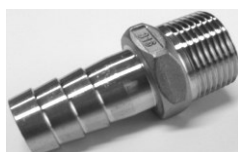


6 pans

Lisse

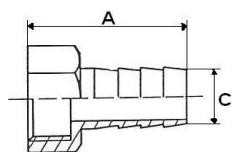
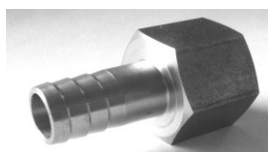
Réf	DN	A	B	Poids	
120.4101	1/4"	17	26	0.025	
120.4102	3/8"	22	29	0.040	
120.4103	1/2"	24	33	0.045	
120.4104	3/4"	30	40	0.075	
120.4105	1"	42	46	0.120	
120.4106	1"1/4	50	50	0.220	
120.4107	1"1/2	55	50	0.360	
120.4108	2"	65	57	0.410	

ADAPTEUR HEXAGONAL MALE



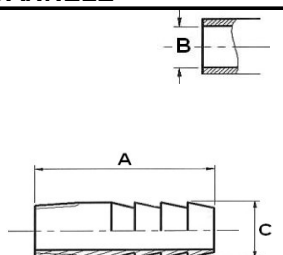
Réf	DN	A	C	Poids	
120.3802	1/8"	34	7	0.020	
120.3812	1/4"	35	8	0.020	
120.3822	3/8"	42	10	0.035	
120.3830	1/2"	45	13	0.060	
120.3843	3/4"	55	19	0.110	
120.3853	1"	62	25	0.210	
120.3863	1"1/4	65	32	0.335	
120.3874	1"1/2	65	40	0.435	
120.3883	2"	76	52	0.745	

ADAPTEUR HEXAGONAL FEMELLE



Réf	DN	A	C	Poids	
120.5802	1/8"	28	7	0.030	
120.5812	1/4"	33	9	0.050	
120.5822	3/8"	39	11	0.100	
120.5842	1/2"	44	13	0.150	
120.5843	3/4"	50	20	0.250	
120.5853	1"	52	25	0.500	
120.5863	1"1/4	59	32	0.600	
120.5874	1"1/2	75	40	0.715	
120.5883	2"	89	52	0.900	

ADAPTEUR MALE CANNELE



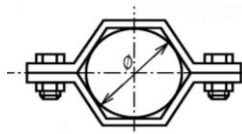
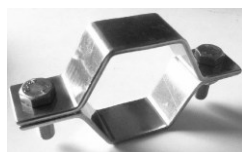
Réf	DN	A	B	C	Poids	
120.4003	1/8"	30.5	6	10.2	0.015	
120.4014	1/4"	42	13	13.5	0.025	
120.4024	3/8"	47	16	17.2	0.030	
120.4033	1/2"	53	19	21.3	0.060	
120.4044	3/4"	57	25	26.9	0.080	
120.4054	1"	65	32	33.7	0.120	
120.4064	1"1/4	68	40	42.4	0.160	
120.4074	1"1/2	74	46	48.3	0.210	
120.4084	2"	82	58	60.3	0.300	
120.4089	2"1/2	104	75	76.1	0.530	
120.4094	3"	130	90	88.9	1.235	



Fixations



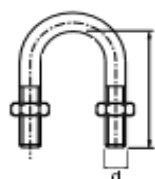
COLLIER HEXA SANS TIGE



ISO

Réf 304	Ø	Poids
121.1003	21.3	0.090
121.1004	26.9	0.100
121.1005	33.7	0.110
121.1006	42.4	0.130
121.1007	48.3	0.140
121.1008	60.3	0.170
121.1009	76.1	0.190
121.1010	88.9	0.210
121.1012	114.3	0.280

ETRIERS POUR TUBES



ISO

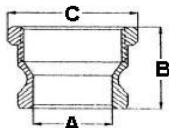
DN	Ø inter	Ø	L	d	Poids	Réf 304	Réf 316	Réf Bichro
8	13	1/4"	32	6	0.020	121.1101	121.1201	121.1301
12	17	3/8"	36	6	0.020	121.1102	121.1202	121.1302
15	21	1/2"	40	6	0.020	121.1103	121.1203	121.1303
20	27	3/4"	52	8	0.050	121.1104	121.1204	121.1304
25	34	1"	60	8	0.060	121.1105	121.1205	121.1305
32	42	1 1/4"	68	8	0.065	121.1106	121.1206	121.1306
40	49	1 1/2"	70	8	0.070	121.1107	121.1207	121.1307
50	60	2"	82	8	0.080	121.1108	121.1208	121.1308
65	76	2 1/2"	98	8	0.090	121.1109	121.1209	121.1309
80	89	3"	110	10	0.175	121.1110	121.1210	121.1310
90	102	3 1/2"	153	10	0.185	121.1111	121.1211	121.1311
100	114	4"	156	10	0.205	121.1112	121.1212	121.1312
125	139	5"	185	10	0.285	121.1113	121.1213	121.1313
150	168	6"	210	12	0.400	121.1114	121.1214	121.1314
175	193	7"	228	12	0.580	121.1115	121.1215	121.1315
200	219	8"	270	14	0.700	121.1116	121.1216	121.1316
225	244	9"	289	14	0.750	121.1117	121.1217	121.1317
250	273	10"	315	14	0.825	121.1118	121.1218	121.1318



RACCORDS A CAMES 316

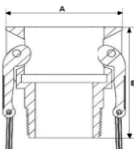
PN 16

ADAPTEUR FEMELLE TYPE A



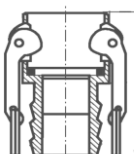
Réf	DN	A	B	C	Poids
127.0503	1/2"				0.083
127.0504	3/4"	13.8	39.2	36.2	0.135
127.0505	1"	19.8	43.8	40.5	0.180
127.0506	1"1/4	25.9	51.9	47.9	0.255
127.0507	1"1/2	32.3	60.4	55.8	0.355
127.0508	2"	44.5	74.7	69	0.470
127.0509	2"1/2	56.7	82.3	76	0.805
127.0510	3"	68	97.8	90.4	1.040
127.0512	4"	93.4	126.8	117	1.510

COUPLEUR MALE TYPE B



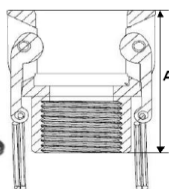
Réf	DN	A	B	Poids
127.0103	1/2"			0.165
127.0104	3/4"	53.3	51	0.205
127.0105	1"	61	58	0.285
127.0106	1"1/4	82.6	67	0.555
127.0107	1"1/2	90.3	66	0.670
127.0108	2"	99.8	75	0.730
127.0109	2"1/2	112.4	83	0.935
127.0110	3"	137.6	86	1.385
127.0112	4"	165.6	89	2.150

COUPLEUR CANNELE TYPE C



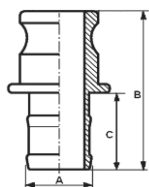
Réf	DN	A	Poids
127.0603	1/2"		0.135
127.0604	3/4"	83	0.245
127.0605	1"	96	0.325
127.0606	1"1/4	102	0.665
127.0607	1"1/2	104	0.800
127.0608	2"	129	0.875
127.0609	2"1/2	142	1.295
127.0610	3"	157	1.750
127.0612	4"	163	2.650

COUPLEUR FEMELLE TYPE D



Réf	DN	A	Poids
127.0203	1/2"		0.155
127.0204	3/4"	51	0.230
127.0205	1"	61	0.340
127.0206	1"1/4	67	0.630
127.0207	1"1/2	67	0.700
127.0208	2"	72	0.885
127.0209	2"1/2	83	1.120
127.0210	3"	86	1.675
127.0212	4"	89	2.550

ADAPTEUR CANNELE TYPE E



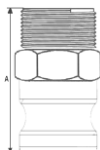
Réf	DN	A	B	C	Poids
127.0703	1/2"				0.100
127.0704	3/4"	21	86	51	0.220
127.0705	1"	27	106	57	0.325
127.0706	1"1/4	34	109	58	0.585
127.0707	1"1/2	40	113	59	0.715
127.0708	2"	53	138	79	0.720
127.0709	2"1/2	66	149	88	1.265
127.0710	3"	79	166	101	1.700
127.0712	4"	104	174	108	2.550



RACCORDS A CAMES 316

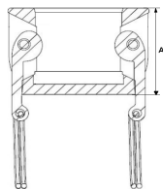
PN 16

ADAPTEUR MALE TYPE F



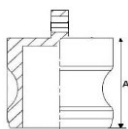
Réf	DN	A	Poids
127.0803	1/2"		0.115
127.0804	3/4"	58	0.175
127.0805	1"	67	0.25
127.0806	1"1/4	73	0.465
127.0807	1"1/2	75	0.57
127.0808	2"	87	0.575
127.0809	2"1/2	97	1.01
127.0810	3"	101	1.355
127.0812	4"	108	2.05

BOUCHON POUR ADAPTEUR TYPE DC



Réf	DN	A	Poids
127.0303	1/2"		0.145
127.0304	3/4"	34	0.18
127.0305	1"	41	0.255
127.0306	1"1/4	46	0.51
127.0307	1"1/2	47	0.54
127.0308	2"	53	0.69
127.0309	2"1/2	58	0.915
127.0310	3"	59	1.385
127.0312	4"	60	2.15

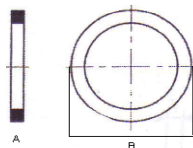
BOUCHON POUR ADAPTEUR TYPE DP



Réf	DN	A	Poids
127.0403	1/2"		0.063
127.0404	3/4"	27	0.075
127.0405	1"	37	0.125
127.0406	1"1/4	42	0.26
127.0407	1"1/2	44	0.325
127.0408	2"	51	0.43
127.0409	2"1/2	53	0.57
127.0410	3"	55	0.865
127.0412	4"	53	1.35

JOINT NBR

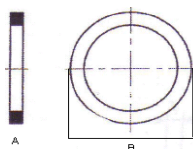
Pour raccord à cames



Réf	DN	A	B	Poids
127.0903	1/2"	4	25	
127.0904	3/4"	4	34	
127.0905	1"	7	38	
127.0906	1"1/4	7	48	
127.0907	1"1/2	6	54	
127.0908	2"	7	66	
127.0909	2"1/2	6	79	
127.0910	3"	6	94	
127.0912	4"	6	122	

JOINT VITON

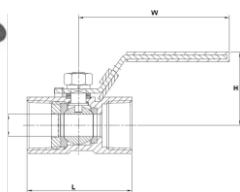
Pour raccord à cames



Réf	DN	A	B	Poids
127.1003	1/2"	4	25	
127.1004	3/4"	4	34	
127.1005	1"	7	38	
127.1006	1"1/4	7	48	
127.1007	1"1/2	6	54	
127.1008	2"	7	66	
127.1009	2"1/2	6	79	
127.1010	3"	6	94	
127.1012	4"	6	122	



VANNE MONOBLOC FF GAZ - 1000 Lbs PASSAGE REDUIT

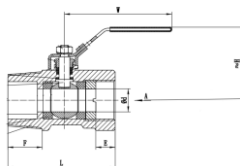


PN63

Réf GAZ	DN	d	L	W	H	Poids	
121.0001	1/4"	5	39	60.5	33	0.069	
121.0002	3/8"	7	44	75	35	0.104	
121.0003	1/2"	9.2	56	89	42	0.182	
121.0004	3/4"	12.5	58	89	46	0.269	
121.0005	1"	16	70	106	50	0.423	
121.0006	1"1/4	20	77	106	56	0.698	
121.0007	1"1/2	24.5	82	128	66	0.847	
121.0008	2"	32	99	128	72	1.354	

Poignée cadenassable - joint PTFE

VANNE MONOBLOC MF GAZ - 1000 Lbs PASSAGE REDUIT

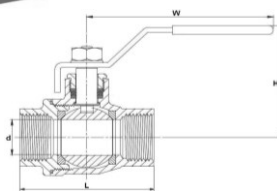


PN63

Réf GAZ	DN	d	L	W	H	Poids	
121.0801	1/4"	5	46	33	64	0.080	
121.0802	3/8"	7	51	35	70	0.130	
121.0803	1/2"	9	66	42	90	0.250	
121.0804	3/4"	12.5	74	46	90	0.310	
121.0805	1"	15	72	105	55	0.500	

Poignée cadenassable - joint PTFE

VANNE 2 PIECES GAZ - 1000 Lbs PASSAGE INTEGRAL

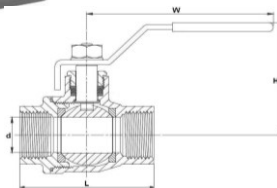


PN63

Réf GAZ	DN	d	L	W	H	Poids	
121.0101	1/4"	11.6	61.5	120	48	0.300	
121.0102	3/8"	12.7	61.5	120	48	0.300	
121.0103	1/2"	15	63.3	120	49	0.350	
121.0104	3/4"	20	76.7	130	55	0.580	
121.0105	1"	25	91	155	69	1.040	
121.0106	1"1/4	32	100	155	77	1.540	
121.0107	1"1/2	38	118	185	84	2.260	
121.0108	2"	50.8	137.6	185	93	3.800	
121.0109	2"1/2	63	148	250	146	5.900	
121.0110	3"	76	166	250	155	7.700	

Poignée cadenassable - joint PTFE

VANNE 2 PIECES NPT - 1000 Lbs PASSAGE INTEGRAL

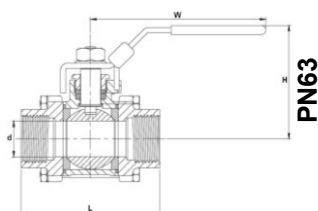


PN63

Réf NPT	DN	d	L	W	H	Poids	
171.0101	1/4"	11.6	61.5	120	48	0.300	
171.0102	3/8"	12.7	61.5	120	48	0.300	
171.0103	1/2"	15	63.3	120	49	0.350	
171.0104	3/4"	20	76.7	130	55	0.580	
171.0105	1"	25	91	155	69	1.040	
171.0106	1"1/4	32	100	155	77	1.540	
171.0107	1"1/2	38	118	185	84	2.260	
171.0108	2"	50.8	137.6	185	93	3.800	

Poignée cadenassable - joint PTFE

VANNE 3 PIECES GAZ - 1000 Lbs PASSAGE INTEGRAL

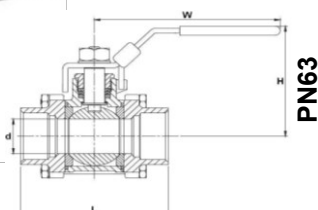


PN63

Réf GAZ	DN	d	L	H	W	Poids
122.0001	1/4"	11.6	59	42	98	0.410
122.0002	3/8"	12.7	59	42	98	0.400
122.0003	1/2"	15	64	49	115	0.650
122.0004	3/4"	20	75	52	115	0.800
122.0005	1"	25	86	62	143	1.200
122.0006	1"1/4	32	99	66	143	2.050
122.0007	1"1/2	38	113	77	178	2.800
122.0008	2"	50.8	132	85	178	4.350
122.0009	2"1/2	65	180	130	245	9.000
122.0010	3"	80	206	142	245	13.000
122.0012	4"	100	261	174	325	20.000

Poignée cadenassable - joint PTFE

VANNE 3 PIECES SW - 1000 Lbs PASSAGE INTEGRAL

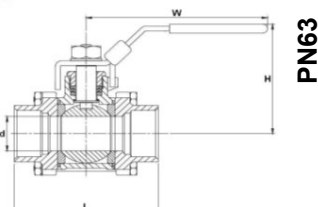


PN63

Réf SW	DN	d	L	H	W	Poids
122.0201	1/4"	14.1	59	42	98	0.410
122.0202	3/8"	17.6	59	42	98	0.400
122.0203	1/2"	21.7	64	49	115	0.650
122.0204	3/4"	27.1	75	52	115	0.800
122.0205	1"	33.8	86	62	143	1.200
122.0206	1"1/4	42.5	99	66	143	2.050
122.0207	1"1/2	48.6	113	77	178	2.800
122.0208	2"	61.1	132	85	178	4.350
122.0209	2"1/2	65	183	138	245	8.900
122.0210	3"	80	210	154	245	14.300

Poignée cadenassable - joint PTFE

VANNE 3 PIECES BW - 1000 Lbs PASSAGE INTEGRAL

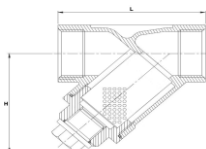


PN63

Réf BW	DN	d	L	H	W	Poids
122.0101	1/4"	11.6	59	42	98	0.410
122.0102	3/8"	12.7	59	42	98	0.400
122.0103	1/2"	15	64	49	115	0.650
122.0104	3/4"	20	75	52	115	0.800
122.0105	1"	25	86	62	143	1.200
122.0106	1"1/4	32	99	66	143	2.050
122.0107	1"1/2	38	113	77	178	2.800
122.0108	2"	50.8	132	85	178	4.350
122.0109	2"1/2	76.5	158	118	220	5.200
122.0110	3"	92.5	206	142	220	7.570

Poignée cadenassable - joint PTFE

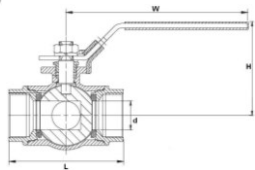
FILTRE A TAMIS EN Y GAZ - 800 Lbs - filtre=1mm



PN50

Réf GAZ	DN	H	L	Poids
121.0203	1/2"	34	61	0.200
121.0204	3/4"	39	70	0.275
121.0205	1"	42	86	0.465
121.0206	1"1/4	50	100	0.635
121.0207	1"1/2	57	110	0.900
121.0208	2"	70	138	1.415

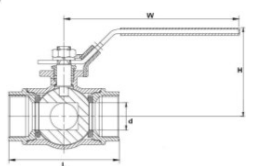
VANNE 3 VOIES - 1000 Lbs PASSAGE REDUIT - LUMIERE EN L



PN63

Réf GAZ	DN	d	L	W	H	Poids	
122.0301	1/4"	11	69	106	58	0.775	
122.0302	3/8"	11	69	106	58	0.720	
122.0303	1/2"	12.7	75	138	61	1.080	
122.0304	3/4"	16	86	138	74	1.420	
122.0305	1"	20	101	162	81	2.520	
122.0306	1"1/4	25	115	162	88	4.100	
122.0307	1"1/2	32	125	220	104	4.600	
122.0308	2"	38.1	149	220	110	7.500	

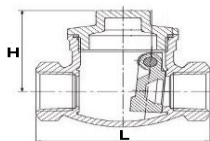
VANNE 3 VOIES - 1000 Lbs PASSAGE REDUIT - LUMIERE EN T



PN63

Réf GAZ	DN	d	L	W	H	Poids	
122.0401	1/4"	11	69	106	58	0.775	
122.0402	3/8"	11	69	106	58	0.720	
122.0403	1/2"	12.7	75	138	61	1.080	
122.0404	3/4"	16	86	138	74	1.420	
122.0405	1"	20	101	162	81	2.520	
122.0406	1"1/4	25	115	162	88	4.100	
122.0407	1"1/2	32	125	220	104	4.600	
122.0408	2"	38.1	149	220	110	7.500	

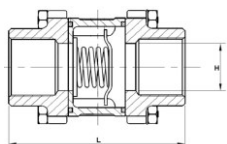
CLAPET DE NON RETOUR A BATTANT



PN16

Réf GAZ	DN	H	L	Poids	
121.0303	1/2"	46	66	0.240	
121.0304	3/4"	54	81	0.420	
121.0305	1"	60	91	0.580	
121.0306	1"1/4	72	106	0.785	
121.0307	1"1/2	75	121	1.060	
121.0308	2"	82	142	1.550	

CLAPET DE NON RETOUR A RESSORT

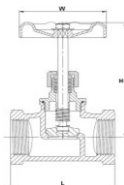


PN16

Réf GAZ	DN	H	L	Poids	
121.0501	1/4"		49	0.250	
121.0502	3/8"		49	0.250	
121.0503	1/2"		59	0.300	
121.0504	3/4"		67	0.410	
121.0505	1"		74.5	0.590	
121.0506	1"1/4		84	0.820	
121.0507	1"1/2		93	1.200	
121.0508	2"		105	1.800	
121.0509	2"1/2		119	5.400	
121.0510	3"		143	8.400	

VANNE FF A SOUPE

GAZ

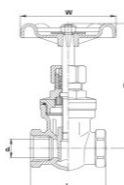


PN16

Réf	DN	H	W	L	Poids	
121.0603	1/2"	89	70	66	0.450	
121.0604	3/4"	89	70	68	0.460	
121.0605	1"	92	77	78	0.620	
121.0606	1"1/4	118	103	86	1.050	
121.0607	1"1/2	118	103	98	1.400	
121.0608	2"	142	121	110	2.100	

VANNE FF A OPERCULE

GAZ

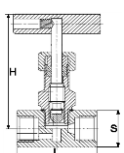


PN16

Réf	DN	H	W	L	Poids	
121.0703	1/2"	98	70	57	0.550	
121.0704	3/4"	103	70	60	0.650	
121.0705	1"	115	76	67	0.850	
121.0706	1"1/4	128	76	76	1.200	
121.0707	1"1/2	173	103	87	2.000	
121.0708	2"	189	121	95	2.850	

VANNE FF A POINTEAU

GAZ

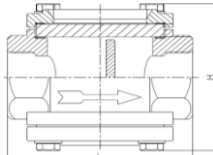


PN400

Réf	DN	L	H	S	Poids	
122.0501	1/4"	45	80	22	0.270	
122.0502	3/8"	50	85	25	0.330	
122.0503	1/2"	60	110	30	0.540	
122.0504	3/4"	65	115	35	0.650	
122.0505	1"	83	129	46	1.400	

INDICATEUR DE CIRCULATION

316



PN63

Réf	DN	L	H	Poids	
121.0403	1/2"	109	71	0.900	
121.0404	3/4"	115	71	1.000	
121.0405	1"	120	71	1.200	
121.0406	1"1/4	150	120	2.500	
121.0407	1"1/2	150	120	2.800	
121.0408	2"	180	140	4.000	

ACCESSOIRES



304L et 316L

COUDE 90° A SOUDER



ISO 3D

Ø	Ep.	Rayon	Poids	Réf 304L	Prix Euro	Réf 316L
13.5	1.6	20	0.014	500.0101	4.80	501.0101
13.5	2.3	20	0.020	500.0102		501.0102
17.2	1.6	25	0.025	500.0103	4.60	501.0103
17.2	2.3	25	0.035	500.0104	6.00	501.0104
21.3	1.6	28	0.040	500.0105	4.60	501.0105
21.3	2.0	28	0.050	500.0106	4.61	501.0106
21.3	2.6	28	0.065	500.0107	7.20	501.0107
26.9	1.6	28	0.048	500.0108	4.80	501.0108
26.9	2.0	28	0.060	500.0109	4.84	501.0109
26.9	2.6	28	0.078	500.0110	7.00	501.0110
33.7	1.6	38	0.080	500.0111	5.00	501.0111
33.7	2.0	38	0.100	500.0112	5.10	501.0112
33.7	3.2	38	0.180	500.0113	9.05	501.0113
42.4	1.6	48	0.120	500.0114	5.90	501.0114
42.4	2.0	48	0.150	500.0115	6.55	501.0115
42.4	3.2	48	0.240	500.0116	10.00	501.0116
48.3	1.6	57	0.170	500.0117	7.00	501.0117
48.3	2.0	57	0.210	500.0118	7.61	501.0118
48.3	3.2	57	0.330	500.0119	12.35	501.0119
60.3	1.6	76	0.280	500.0120	10.10	501.0120
60.3	2.0	76	0.350	500.0121	10.60	501.0121
60.3	3.6	76	0.630	500.0122	21.95	501.0122
76.1	2.0	95	0.560	500.0124	17.20	501.0124
76.1	3.6	95	1.100	500.0126	50.00	501.0126
88.9	2.0	114	0.780	500.0127	21.85	501.0127
88.9	2.9	114	1.160	500.0128	27.15	501.0128
114.3	2.0	152	1.350	500.0130	27.35	501.0130
114.3	2.9	152	2.010	500.0131	37.90	501.0131
139.7	2.0	190	2.050	500.0133	62.05	501.0133
168.3	2.0	228	3.300	500.0136	83.60	501.0136
219.1	2.0	304	5.500	500.0139	140.65	501.0139
273.0	2.0	381	8.130	500.0142	360.00	501.0142



METRIQUE 1.5D

Ø	Ep.	Rayon	Poids	Réf 304L	Prix Euro	Réf 316L
18	1.5	22.5	0.030	510.0101	5.05	511.0101
20	1.5	26	0.035	510.0102	5.50	511.0102
23	1.5	30	0.040	510.0103	5.30	511.0103
25	1.5	37	0.045	510.0104	5.60	511.0104
28	1.5	37.5	0.060	510.0105	5.70	511.0105
30	1.5	38	0.070	510.0106	6.40	511.0106
33	1.5	45	0.087	510.0107	6.50	511.0107
38	1.5	52.5	0.100	510.0108	7.20	511.0108
40	1.5	60	0.125	510.0109	8.10	511.0109
43	1.5	60	0.150	510.0110	7.80	511.0110
54	2	75	0.300	510.0112	12.00	511.0112
63.5	1.6	90	0.320	510.0113	14.20	511.0113
70	2	95	0.510	510.0114	17.80	511.0114
73	1.5	105	0.440	510.0115	19.40	511.0115
84	2	120	0.770	510.0116	28.50	511.0116
104	2	150	1.200	510.0117	39.70	511.0117
129	2	187	2.000	510.0118	70.80	511.0118
154	2	225	2.600	510.0119	90.00	511.0119
204	2	300	4.800	510.0120	135.00	511.0120

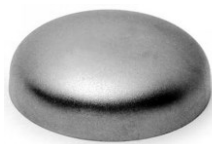


ACCESSOIRES



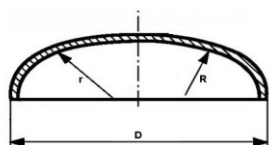
304L et 316L

FOND BOMBE



ISO

Ø D	Ep.	R	r	Poids	Réf 304L	Réf 316L
21.3	2.0	21.3	2.13	0.010	500.0206	501.0206
26.9	2.0	26.9	2.69	0.020	500.0209	501.0209
33.7	2.0	33.7	3.37	0.027	500.0212	501.0212
42.4	2.0	42.4	4.24	0.040	500.0215	501.0215
48.3	2.0	48.3	4.83	0.055	500.0218	501.0218
60.3	2.0	60.3	6.03	0.070	500.0221	501.0221
76.1	2.0	76.1	7.61	0.130	500.0224	501.0224
88.9	2.0	88.9	8.89	0.180	500.0227	501.0227
114.3	2.0	114.3	11.43	0.240	500.0230	501.0230
139.7	2.0	139.7	13.97	0.350	500.0233	501.0233
168.3	2.0	168.3	16.83	0.550	500.0236	501.0236
219.1	2.0	219.1	21.91	0.930	500.0239	501.0239
273	2.0	273	27.3	1.350	500.0242	501.0242
323.9	2.0	323.9	32.39	1.950	500.0245	501.0245



R = D

r = 0.1 D

METRIQUE

Ø D	Ep.	Rayon	r	Poids	Réf 304L	Réf 316L
28	2.0	28	2.8	0.022	510.0205	511.0205
44	2.0	44	4.4	0.040	510.0210	511.0210
54	2.0	54	5.4	0.060	510.0212	511.0212
84	2.0	84	8.4	0.180	510.0216	511.0216
104	2.0	104	10.4	0.260	510.0217	511.0217
129	2.0	129	12.9	0.390	510.0218	511.0218
154	2.0	154	15.4	0.575	510.0219	511.0219
254	2.0	254	25.4	1.300	510.0222	

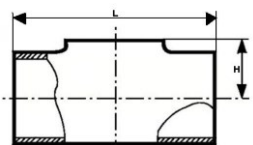
TE SANS COLLERETTE

Roulé soudé



ISO

Ø	Ep.	L	H	Poids	Réf 304L	Réf 316L
21.3	1.6	51	12	0.038	500.0305	501.0305
26.9	2.0	57	15	0.060	500.0309	501.0309
33.7	2.0	76	19	0.100	500.0312	501.0312
42.4	2.0	95	23	0.170	500.0315	501.0315
48.3	2.0	114	26	0.250	500.0318	501.0318
60.3	2.0	127	33	0.340	500.0321	501.0321
76.1	2.0	152	41	0.530	500.0324	501.0324
88.9	2.0	171	47	0.710	500.0327	501.0327
114.3	2.0	210	61	1.200	500.0330	501.0330
139.7	2.0	248	74	1.750	500.0333	501.0333
168.3	2.0	286	89	2.390	500.0336	501.0336
219.1	2.0	358	120	3.800	500.0339	



ACCESSOIRES



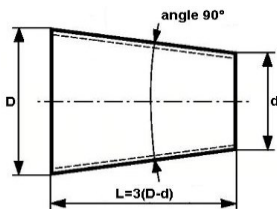
304L et 316L

REDUCTION CONCENTRIQUE ISO

Roulé soudé Epaisseur 2



ISO



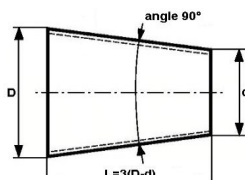
DN	Ep.	Poids	Réf 304L	Réf 316L
21.3 x 13.7	2	0.020	500.0401	501.0401
21.3 x 17.2	2	0.020	500.0402	501.0402
26.9 x 13.7	2	0.030	500.0403	501.0403
26.9 x 17.2	2	0.030	500.0404	501.0404
26.9 x 21.3	2	0.020	500.0405	501.0405
33.7 x 17.2	2	0.070	500.0406	501.0406
33.7 x 21.3	2	0.050	500.0407	501.0407
33.7 x 26.9	2	0.030	500.0408	501.0408
42.4 x 21.3	2	0.100	500.0409	501.0409
42.4 x 26.9	2	0.080	500.0410	501.0410
42.4 x 33.7	2	0.050	500.0411	501.0411
48.3 x 26.9	2	0.120	500.0413	501.0413
48.3 x 33.7	2	0.085	500.0414	501.0414
48.3 x 42.4	2	0.040	500.0415	501.0415
60.3 x 21.3	2	0.240	500.0416	501.0416
60.3 x 26.9	2	0.220	500.0417	501.0417
60.3 x 33.7	2	0.200	500.0418	501.0418
60.3 x 42.4	2	0.140	500.0419	501.0419
60.3 x 48.3	2	0.100	500.0420	501.0420
76.1 x 33.7	2	0.350	500.0422	501.0422
76.1 x 42.4	2	0.300	500.0423	501.0423
76.1 x 48.3	2	0.260	500.0424	501.0424
76.1 x 60.3	2	0.160	500.0425	501.0425
88.9 x 42.4	2	0.460	500.0428	501.0428
88.9 x 48.3	2	0.430	500.0429	501.0429
88.9 x 60.3	2	0.320	500.0430	501.0430
88.9 x 76.1	2	0.160	500.0431	501.0431
114.3 x 48.3	2	0.810	500.0434	501.0434
114.3 x 60.3	2	0.820	500.0435	501.0435
114.3 x 76.1	2	0.550	500.0436	501.0436
114.3 x 88.9	2	0.390	500.0437	501.0437
139.7 x 76.1	2	1.040	500.0443	501.0443
139.7 x 88.9	2	0.820	500.0444	501.0444
139.7 x 114.3	2	0.490	500.0445	501.0445
168.3 x 88.9	2	1.550	500.0452	501.0452
168.3 x 114.3	2	1.160	500.0453	501.0453
168.3 x 139.7	2	0.670	500.0454	501.0454
219.1 x 114.3	2	2.640	500.0460	501.0460
219.1 x 139.7	2	2.150	500.0461	501.0461
219.1 x 168.3	2	1.500	500.0462	501.0462

REDUCTION METRIQUE

Roulé soudé



METRIQUE



DIA	Ep.	Poids	Réf 304L	Réf 316L
44 x 24	1.5	0.095	510.0402	511.0402
44 x 34	1.5	0.060	510.0403	511.0403
54 x 34	1.5	0.140	510.0404	511.0404
54 x 44	1.5	0.070	510.0405	511.0405
84 x 74	1.5	0.070	510.0412	511.0412
104 x 84	1.5	0.290	510.0415	511.0415
129 x 84	1.5	0.750	510.0416	511.0416
129 x 104	1.5	0.400	510.0417	511.0417
154 x 104	1.5	1.050	510.0419	511.0419
154 x 129	1.5	0.490	510.0420	511.0420



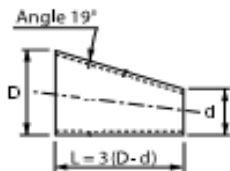
ACCESSOIRES



304L et 316L

REDUCTION EXCENTRIQUE ISO

Roulé soudé Epaisseur 2



ISO

DN	Ep.	Poids	Réf 304L	Réf 316L
21.3 x 13.7	2	0.020	500.4001	501.4001
21.3 x 17.2	2	0.020	500.4002	501.4002
26.9 x 13.7	2	0.030	500.4003	501.4003
26.9 x 17.2	2	0.030	500.4004	501.4004
26.9 x 21.3	2	0.020	500.4005	501.4005
33.7 x 17.2	2	0.070	500.4006	501.4006
33.7 x 21.3	2	0.050	500.4007	501.4007
33.7 x 26.9	2	0.030	500.4008	501.4008
42.4 x 21.3	2	0.100	500.4009	501.4009
42.4 x 26.9	2	0.080	500.4010	501.4010
42.4 x 33.7	2	0.050	500.4011	501.4011
48.3 x 26.9	2	0.120	500.4013	501.4013
48.3 x 33.7	2	0.085	500.4014	501.4014
48.3 x 42.4	2	0.040	500.4015	501.4015
60,3 x 21,3	2	0.240	500.4016	501.4016
60,3 x 26,9	2	0.220	500.4017	501.4017
60.3 x 33.7	2	0.200	500.4018	501.4018
60.3 x 42.4	2	0.140	500.4019	501.4019
60.3 x 48.3	2	0.100	500.4020	501.4020
76,1 x 33,7	2	0.350	500.4022	501.4022
76.1 x 42.4	2	0.300	500.4023	501.4023
76.1 x 48.3	2	0.260	500.4024	501.4024
76.1 x 60.3	2	0.160	500.4025	501.4025
88.9 x 42.4	2	0.460	500.4028	501.4028
88.9 x 48.3	2	0.430	500.4029	501.4029
88.9 x 60.3	2	0.320	500.4030	501.4030
88.9 x 76.1	2	0.160	500.4031	501.4031
114,3 x 48,3	2	0.810	500.4034	501.4034
114.3 x 60.3	2	0.820	500.4035	501.4035
114.3 x 76.1	2	0.550	500.4036	501.4036
114.3 x 88.9	2	0.390	500.4037	501.4037
139.7 x 76.1	2	1.040	500.4043	501.4043
139.7 x 88.9	2	0.820	500.4044	501.4044
139.7 x 114.3	2	0.490	500.4045	501.4045
168.3 x 88.9	2	1.550	500.4052	501.4052
168.3 x 114.3	2	1.160	500.4053	501.4053
168.3 x 139.7	2	0.670	500.4054	501.4054
219,1 x 114,3	2	2.640	500.4060	501.4060
219,1 x 139,7	2	2.150	500.4061	501.4061
219,1 x 168,3	2	1.500	500.4062	501.4062

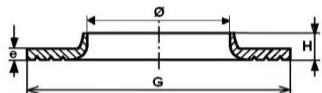


ACCESSOIRES



304L et 316L

COLLET EPAIS - PN 10/16 USINE STANDARD



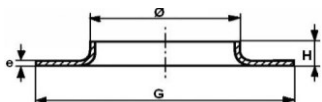
DN	Ø	e	G	H	Poids	Réf 304L	Réf 316L
15	21.3	3.0	47	7	0.040	500.0501	501.0501
20	26.9	2.6	58	9	0.050	500.0502	501.0502
25	33.7	3.2	68	10.5	0.110	500.0503	501.0503
32	42.4	3.2	78	14	0.140	500.0504	501.0504
40	48.3	3.2	88	14	0.180	500.0505	501.0505
50	60.3	3.6	102	16	0.240	500.0506	501.0506
65	76.1	3.6	122	19	0.370	500.0507	501.0507
80	88.9	4.0	133	23	0.490	500.0508	501.0508
100	114.3	4.5	158	26	0.650	500.0509	501.0509
125	139.7	4.5	184	26	0.800	500.0510	501.0510
150	168.3	5.0	212	29	0.980	500.0511	501.0511
200	219.1	5.0	268	32	1.380	500.0512	501.0512
250	273	5.0	320	32	1.600	500.0513	501.0513
300	323.9	5.0	370	36	2.000	500.0514	501.0514

COLLET MINCE - PN 10 NFE 29 251



ISO

DN	Ø	e	G	H	Poids	Réf 304L	Réf 316L
10	17.2	2	42	6	0.020	500.0601	501.0601
15	21.3	2	47	6	0.030	500.0602	501.0602
20	26.9	2	58	7	0.040	500.0603	501.0603
25	33.7	2	68	9	0.050	500.0605	501.0605
32	42.4	2	78	10	0.060	500.0607	501.0607
40	48.3	2	88	10	0.080	500.0609	501.0609
50	60.3	2	102	12	0.100	500.0611	501.0611
65	76.1	2	122	12	0.140	500.0613	501.0613
80	88.9	2	133	12	0.160	500.0615	501.0615
100	114.3	2	158	12	0.190	500.0617	501.0617
125	139.7	2	184	14	0.290	500.0619	501.0619
150	168.3	2	212	18	0.350	500.0621	501.0621
200	219.1	2	268	22	0.530	500.0623	501.0623
250	273	2	320	18	0.570	500.0625	501.0625
300	323.9	2	370	22	0.650	500.0627	501.0627



METRIQUE

Ø	e	G	H	Poids	Réf 304L	Réf 316L
18	2	42	6	0.020	510.0601	511.0601
24	2	58	7	0.035	510.0602	511.0602
28	2	68	9	0.040	510.0603	511.0603
38	2	78	10	0.060	510.0605	511.0605
43	2	88	10	0.060	510.0606	511.0606
54	2	102	12	0.100	510.0607	511.0607
64	2	102	12	0.120	510.0608	511.0608
70	2	122	12	0.130	510.0609	511.0609
74	2	122	12	0.135	510.0610	511.0610
84	2	133	12	0.155	510.0611	511.0611
104	2	158	12	0.180	510.0612	511.0612
129	2	184	12	0.260	510.0615	511.0615
154	2	212	18	0.350	510.0617	511.0617
204	2	268	18	0.480	510.0619	511.0619
254	2	325	22	0.550	510.0621	511.0621

Autres diamètres sur demande

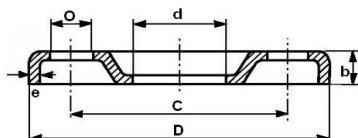


ACCESSOIRES

Acier bichromaté - 304L et 316L



BRIDE EMBOUTIE TYPE POINT BLEU PN10 - DIN 2642



ACIER BICHROMATE

DN	Réf AOZB	Ø D	e	d	b	N	O	C	Kg
15	502.0701	95	3	24	9.5	4	13.5	65	0.20
20	502.0702	105	3	30	12.5	4	13.5	75	0.24
25	502.0703	115	3	36	14.5	4	13.5	85	0.26
32	502.0704	140	3	46	16.5	4	17.5	100	0.45
40	502.0705	150	4	54	17.5	4	17.5	110	0.65
50	502.0706	165	4	65	19.5	4	17.5	125	0.80
65	502.0707	185	4	81	21	4	17.5	145	0.95
80	502.0708	200	5	94	21	8	17.5	160	1.38
100	502.0709	220	6	119	23	8	17.5	180	1.60
125	502.0710	250	6	145	24	8	21.5	210	2.00
150	502.0711	285	7	173	26	8	21.5	240	2.60
200	502.0712	340	8	225	29	8	21.5	295	3.20
250	502.0713	395	8	276	34	12	21.5	350	5.80
300	502.0714	445	8	326	38	12	21.5	400	6.50

INOX

Réf 304L	DN	Réf 316L	Ø ext	e	d	b	N	O	C	Kg
500.0701	15	501.0701	95	3	24	9.5	4	13.5	65	0.20
500.0702	20	501.0702	105	3	30	12.5	4	13.5	75	0.24
500.0703	25	501.0703	115	3	36	14.5	4	13.5	85	0.26
500.0704	32	501.0704	140	3	46	16.5	4	17.5	100	0.45
500.0705	40	501.0705	150	4	54	17.5	4	17.5	110	0.65
500.0706	50	501.0706	165	4	65	19.5	4	17.5	125	0.80
500.0707	65	501.0707	185	4	81	21	4	17.5	145	0.95
500.0708	80	501.0708	200	5	94	21	8	17.5	160	1.38
500.0709	100	501.0709	220	6	119	23	8	17.5	180	1.60
500.0710	125	501.0710	250	6	145	24	8	21.5	210	2.00
500.0711	150	501.0711	285	7	173	26	8	21.5	240	2.60
500.0712	200	501.0712	340	8	225	29	8	21.5	295	3.20
500.0713	250	501.0713	395	8	276	34	12	21.5	350	5.80
500.0714	300	501.0714	445	8	326	38	12	21.5	400	6.50
500.0715	350		505	8	362	35	16	22.0	460	9.09



BRIDES AFNOR

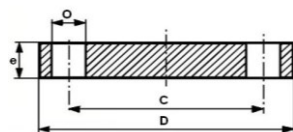


304L et 316L

EN 1092-1

BRIDE PLEINE

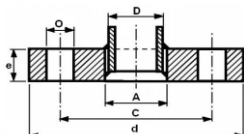
Type 5A



	DN	Réf 304L	Prix Euro	Réf 316L	Prix Euro	D	e	N	O	C	Kg
PN10/PN16/40	15	500.1001	16.00	501.1001	22.00	95	14	4	14	65	0.71
	20	500.1002	20.00	501.1002	24.00	105	16	4	14	75	1.02
	25	500.1003	24.55	501.1003	29.50	115	16	4	14	85	1.22
	32	500.1004	35.55	501.1004	47.55	140	18	4	18	100	1.80
	40	500.1005	43.60	501.1005	63.35	150	18	4	18	110	2.10
PN10/PN16	50	500.1006	53.00	501.1006	71.00	165	18	4	18	125	2.85
	65	500.1007	68.00	501.1007	85.00	185	18	8	18	145	3.65
	80	500.1008	84.00	501.1008	112.00	200	20	8	18	160	5.05
	100	500.1009	110.00	501.1009	152.00	220	20	8	18	180	6.20
	125	500.1010	155.00	501.1010	157.00	250	22	8	18	210	8.85
	150	500.1011	218.00	501.1011	270.00	285	22	8	22	240	11.40
PN10	200	500.2012	320.00	501.2012	395.00	340	24	8	22	295	17.90
	250	500.2013	465.00	501.2013	600.00	395	26	12	22	350	26.00
	300	500.2014	610.00	501.2014	770.00	445	26	12	22	400	33.00
PN16	200	500.1012	325.00	501.1012	335.00	340	24	12	22	295	17.60
	250	500.1013	485.00	501.1013	630.00	405	26	12	26	355	31.00
	300	500.1014	685.00	501.1014	885.00	460	28	12	26	410	40.00
PN40	50			501.2006	94.00	165	20	4	18	165	3.10
	65			501.2007	128.00	185	22	8	18	185	4.00
	80			501.2008	164.00	200	24	8	18	200	5.50
	100			501.2009	243.00	220	24	8	22	235	7.00

BRIDE PLATE A SOUDER

Type 1A



	DN	Réf 304L	Réf 316L	d	e	N	O	C	Kg
PN10/PN16/40	15	500.0901	501.0901	95	14	4	14	65	0.67
	20	500.0902	501.0902	105	16	4	14	75	0.95
	25	500.0903	501.0903	115	16	4	14	85	1.10
	32	500.0904	501.0904	140	16	4	18	100	1.62
	40	500.0905	501.0905	150	16	4	18	110	1.85
PN10/PN16	50	500.0906	501.0906	165	19	4	18	125	2.45
	65	500.0907	501.0907	185	20	8	18	145	3.30
	80	500.0908	501.0908	200	20	8	18	160	3.95
	100	500.0909	501.0909	220	22	8	18	180	4.40
	125	500.0910	501.0910	250	22	8	18	210	5.90
	150	500.0911	501.0911	285	24	8	22	240	7.10
PN10	200	500.1912	501.1912	340	24	8	22	295	10.00
	250	500.1913	501.1913	395	24	12	22	350	12.80
	300	500.1914	501.1914	445	26	12	22	400	14.80
PN16	200	500.0912	501.0912	340	26	12	22	295	9.70
	250	500.0913	501.0913	405	29	12	26	355	15.80
	300	500.0914	501.0914	460	32	12	26	410	19.00
PN40	50		501.2106	165	20	4	18	165	3.10
	65		501.2107	185	22	8	18	185	4.00
	80		501.2108	200	24	8	18	200	5.50
	100		501.2109	220	24	8	22	235	7.00



BRIDES AFNOR

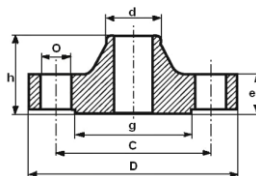


304L et 316L

EN 1092-1

BRIDE A COLLERETTE

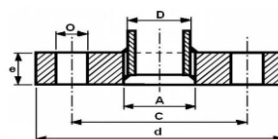
Type 11B



	DN	Réf 304L	Réf 316L	d	D	e	h	g	N	O	C	s*	Kg
PN10/16/40	15	500.0801	501.0801	21.3	95	16	38	32	4	14	65	1.8	0.800
	20	500.0802	501.0802	26.9	105	18	40	40	4	14	75	2	1.100
	25	500.0803	501.0803	33.7	115	18	40	46	4	14	85	2.3	1.300
	32	500.0804	501.0804	42.4	140	18	42	56	4	18	100	2.6	1.900
	40	500.0805	501.0805	48.3	150	18	48	64	4	18	110	2.6	2.000
PN10/PN16	50	500.0806	501.0806	60.3	165	18	45	74	4	18	125	2.9	2.530
	65	500.0807	501.0807	76.1	185	18	45	92	8	18	145	2.9	3.060
	80	500.0808	501.0808	88.9	200	20	50	105	8	18	160	3.2	3.700
	100	500.0809	501.0809	114.3	220	20	52	131	8	18	180	3.6	4.620
	125	500.0810	501.0810	139.7	250	22	55	156	8	18	210	4	6.300
	150	500.0811	501.0811	168.3	285	22	55	184	8	22	240	4.5	7.800
	200	500.0812	501.0812	219.1	340	24	62	235	12	22	295	6.3	11.00
PN40	50	-	501.1806	60.3	165	20	48	75	4	18	125	4	2.800
	65	-	501.1807	76.1	185	22	52	90	8	18	145	5.5	3.400
	80	-	501.1808	88.9	200	24	58	105	8	18	160	5.5	4.400
	100	-	501.1809	114.3	235	24	65	134	8	22	190	6	5.000
	125	-	501.1810	139.7	270	26	68	162	8	26	220	6	9.070
	150	-	501.1811	168.3	300	28	75	192	8	26	300	7.5	11.08

BRIDE PLATE TOURNANTE

Type 02 A



	DN	Réf 304L	Réf 316L	D	A	d	e	N	O	C	Kg
PN10/16/40	15	500.1101	501.1101	25	28	95	14	4	14	65	0.670
	20	500.1102	501.1102	31	35	105	16	4	14	75	0.950
	25	500.1103	501.1103	38	42	115	16	4	14	85	1.100
	32	500.1104	501.1104	47	52	140	16	4	18	100	1.620
	40	500.1105	501.1105	53	58	150	16	4	18	110	1.850
PN10/PN16	50	500.1106	501.1106	65	70	165	18	4	18	125	2.450
	65	500.1107	501.1107	81	87	185	18	4	18	145	3.000
	80	500.1108	501.1108	94	100	200	22	8	18	160	3.950
	100	500.1109	501.1109	120	126	220	22	8	18	180	4.400



BRIDES ASA

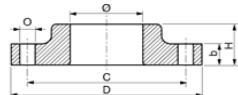
150 Lbs - 304L - 316L



BRIDE LAP-JOINT



PN20

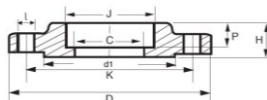


DN	Réf 304L	Réf 316L	D	C	N	O	b	H	Kg
15	520.1101	521.1101	90	60.3	4	15.9	9.6	16	0.500
20	520.1102	521.1102	100	69.9	4	15.9	11.2	16	0.800
25	520.1103	521.1103	110	79.4	4	15.9	12.4	17	0.900
32	520.1104	521.1104	115	88.9	4	15.9	14.3	21	1.000
40	520.1105	521.1105	125	98.4	4	15.9	15.9	22	1.500
50	520.1106	521.1106	150	120.7	4	19.1	17.5	25	2.300
65	520.1107	521.1107	180	139.7	4	19.1	20.7	29	3.200
80	520.1108	521.1108	190	152.4	4	19.1	22.3	30	4.200
100	520.1109	521.1109	230	190.5	8	19.1	22.3	33	5.900
125	520.1110	521.1110	255	215.9	8	22.2	22.3	36	6.800
150	520.1111	521.1111	280	241.3	8	22.2	23.9	40	8.500
200	520.1112	521.1112	345	298.5	8	22.2	27.0	44	13.500
250	520.1113	521.1113	405	362.0	12	25.4	28.6	49	19.500

BRIDE SOCKET FACE SURELEVEE



PN20



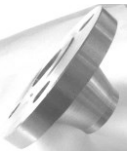
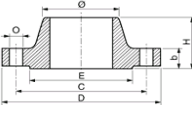
DN	Réf 316L	D	K	d1	C	J	N	O	P	H	KG
15	521.0701	90	60.3	34.9	15.8	22.2	4	15.9	10	14	0.420
20	521.0702	100	69.9	42.9	20.9	27.7	4	15.9	11	14	0.590
25	521.0703	110	79.4	50.8	26.6	34.5	4	15.9	13	16	0.810
32	521.0704	115	88.9	63.5	35.1	43.2	4	15.9	14	19	1.070
40	521.0705	125	98.4	73.0	40.9	49.5	4	15.9	16	21	1.360
50	521.0706	150	120.7	92.1	52.5	61.9	4	19.1	17	24	2.100
65	521.0707	180	139.7	104.8	62.7	74.6	4	19.1	19	27	3.180
80	521.0708	190	152.4	127.0	77.9	90.7	4	19.1	21	29	3.630
100	521.0709	230	190.5	157.2	102.3	116.1	8	19.1		32	5.900

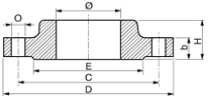


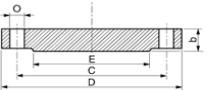
BRIDES ASA



150 Lbs - 304L - 316L

BRIDE WELDING	DN	Réf 304L		Réf 316L		D	C	N	O	b	H	Kg
NECK Type 11B  	15	520.0801		521.0801		90	60.3	4	15.9	9.6	46	0.480
	20	520.0802		521.0802		100	69.9	4	15.9	11.2	51	0.710
	25	520.0803		521.0803		110	79.4	4	15.9	12.4	54	1.010
	32	520.0804		521.0804		115	88.9	4	15.9	14.3	56	1.330
	40	520.0805		521.0805		125	98.4	4	15.9	15.9	60	1.720
	50	520.0806		521.0806		150	120.7	4	19.1	17.5	62	2.580
	65	520.0807		521.0807		180	139.7	4	19.1	20.7	68	4.110
	80	520.0808		521.0808		190	152.4	4	19.1	22.3	68	4.920
	100	520.0809		521.0809		230	190.5	8	19.1	22.3	75	6.840
	125	520.0810		521.0810		255	215.9	8	22.2	22.3	87	9.200
	150	520.0811		521.0811		280	241.3	8	22.2	23.9	87	10.600
	200	520.0812		521.0812		345	298.5	8	22.2	27.0	100	17.600
	250	520.0813		521.0813		405	362.0	12	25.4	28.6	100	24.000

BRIDE SLIP ON	DN	Réf 304L		Réf 316L		D	C	E	N	O	b	H	Kg
Type 12B  	15	520.0901		521.0901		90	60.3	34.9	4	15.9	9.6	14	0.390
	20	520.0902		521.0902		100	69.9	42.9	4	15.9	11.2	14	0.560
	25	520.0903		521.0903		110	79.4	50.8	4	15.9	12.4	16	0.780
	32	520.0904		521.0904		115	88.9	63.5	4	15.9	14.3	19	1.030
	40	520.0905		521.0905		125	98.4	73.0	4	15.9	15.9	21	1.320
	50	520.0906		521.0906		150	120.7	92.1	4	15.9	17.5	24	2.060
	65	520.0907		521.0907		180	139.7	104.8	4	15.9	20.7	27	3.280
	80	520.0908		521.0908		190	152.4	127.0	4	15.9	22.3	29	3.850
	100	520.0909		521.0909		230	190.5	157.2	8	15.9	22.3	32	5.300
	125	520.0910		521.0910		255	215.9	185.7	8	22.2	22.3	35	6.070
	150	520.0911		521.0911		280	241.3	215.9	8	22.2	23.9	38	7.450
	200	520.0912		521.0912		345	298.5	269.9	8	22.2	27.0	43	12.100
	250	520.0913		521.0913		405	362.0	323.9	12	25.4	28.6	48	16.500

BRIDE BLIND	DN	Réf 304L		Réf 316L		D	C	E	N	O	b	Kg
Type 05B  	15	520.1001		521.1001		90	60.3	34.9	4	15.9	9.6	0.420
	20	520.1002		521.1002		100	69.9	42.9	4	15.9	11.2	0.610
	25	520.1003		521.1003		110	79.4	50.8	4	15.9	12.4	0.860
	32	520.1004		521.1004		115	88.9	63.5	4	15.9	14.3	1.300
	40	520.1005		521.1005		125	98.4	73.0	4	15.9	15.9	1.530
	50	520.1006		521.1006		150	120.7	92.1	4	19.1	17.5	2.420
	65	520.1007		521.1007		180	139.7	104.8	4	19.1	20.7	4.100
	80	520.1008		521.1008		190	152.4	127.0	4	19.1	22.3	4.930
	100	520.1009		521.1009		230	190.5	157.2	8	19.1	22.3	7.000
	125	520.1010		521.1010		255	215.9	185.7	8	22.2	22.3	9.000
	150	520.1011		521.1011		280	241.3	215.9	8	22.2	23.9	11.300
	200	520.1012		521.1012		345	298.5	269.9	8	22.2	27.0	19.600
	250			521.1013		405	362.0	323.9	12	25.4	28.6	28.800



DOUBLE BAGUES



INOX 316

ASME B31.3 - 1993

TABLEAU DE CORRESPONDANCE TUBE OD - PRESSION DE SERVICE

DN Tube OD	Epaisseur du tube en mm										
	0.71	0.89	1	1.25	1.5	1.65	2	2.11	2.41	2.5	2.77
6	5.000	6.500	7.400	9.400	11.500	12.700	Pression de service en PSIG*				
8		4.700	5.800	6.800	8.400	9.300					
10		3.700	4.200	5.300	6.500	7.300					
12		3.000	3.400	4.400	5.300	5.900	6.600	7.000			
16			2.500	3.200	3.900	4.300	5.300	5.700	6.600	6.800	
18				2.800	3.400	3.800	4.700	5.000	5.800	6.000	6.700

*Conversion 0.0689 PSI = 1 BAR

NOTICE DE MONTAGE

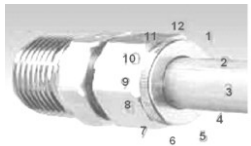


Pour le montage :

Le tube doit être propre et sans aspérité;

Il doit être inséré jusqu'en butée du raccord prêt à l'emploi

L'écrou doit être serré d' 1 1/4 tour : marquage de l'écrou à 9h, serrage à 12h
(valable pour les tubes compris entre 4mm et 1")



Le montage ne sera garanti qu'avec une application d'inox au moins équivalente à l'ASTM A269.

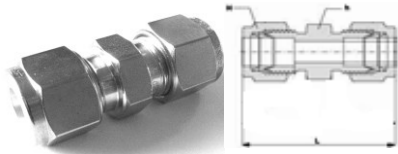


DOUBLE BAGUES



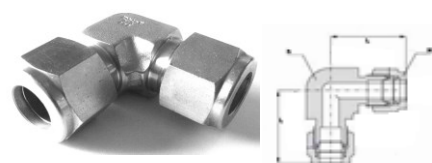
Inox 316

UNION DOUBLE



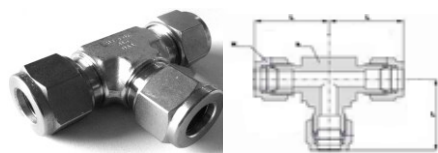
Réf	D	L	h	H	Poids	
128.2300	4	36	12	12	0.030	
128.2301	6	41	14	14	0.040	
128.2302	8	43.2	15	16	0.050	
128.2303	10	46.2	18	19	0.070	
128.2304	12	51.2	22	22	0.090	
128.2305	16	52	24	25	0.150	
128.2306	18	53.5	27	30	0.150	
128.2321	1/4"	52	22	24	0.150	
128.2322	3/8"	54	27	30	0.210	
128.2323	1/2"	58	32	35	0.300	

COUDE EGAL



Réf	D	L	h	H	Poids	
128.0200	4	26	14	12	0.030	
128.0201	6	27	12.7	14	0.040	
128.0202	8	28.8	14.3	16	0.055	
128.0203	10	31.5	17.5	19	0.100	
128.0204	12	36	20.6	22	0.110	
128.0205	16	38.8	23.8	25	0.160	
128.0206	18	39.8	27	30	0.200	
128.0221	1/4"	36	22	24	0.120	
128.0222	3/8"	40	25	30	0.180	
128.0223	1/2"	43	30	35	0.230	

TE EGAL



Réf	D	L	h	H	Poids	
128.0900	4	26	14	12	0.045	
128.0901	6	27	12.7	14	0.055	
128.0902	8	28.8	14.3	16	0.080	
128.0903	10	31.5	17.5	19	0.160	
128.0904	12	36	20.6	22	0.175	
128.0905	16	38.8	23.8	25	0.200	
128.0906	18	39.8	27	30	0.220	
128.0921	1/4"	36	22	24	0.190	
128.0922	3/8"	40	25	30	0.200	
128.0923	1/2"	43	30	35	0.290	

CROIX EGALE



Réf	D	L	h	H	Poids	
128.0801	6	27	12.7	14	0.070	
128.0802	8	28.8	14.3	16	0.100	
128.0803	10	31.5	17.5	19	0.200	
128.0804	12	36	20.6	22	0.220	
128.0805	16	38.8	23.8	25	0.250	
128.0806	18	39.8	27	30	0.280	

PASSE CLOISON



Réf	D	L	h	H	Poids	
128.2901	6	57.7	16	14	0.080	
128.2902	8	61	18	16	0.110	
128.2903	10	63.7	22	19	0.150	
128.2904	12	71	24	22	0.230	
128.2905	16	72.5	27	25	0.300	

Diamètre OD sur demande

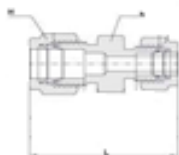


DOUBLE BAGUES



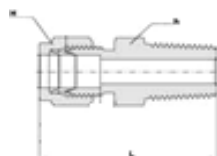
Inox 316

UNION DE REDUCTION



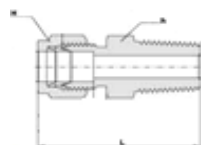
Réf	D	E	H	h	L	Poids	
128.0403	8	6	16	15	42	0.050	
128.0406	10	6	19	18	45	0.070	
128.0407	10	8	19	18	45	0.070	
128.0410	12	8	22	22	48	0.090	
128.0411	12	10	22	22	49	0.090	
128.0415	16	12	25	24	52	0.150	

UNION SIMPLE MALE - GAZ Conique



Réf GAZ	D	T GAZ	L	H	h	Poids	
128.2500	4	1/8"	25.5	10	10	0.020	
128.2502	6	1/8"	32.8	14	14	0.035	
128.2503	6	1/4"	37.9	14	14	0.035	
128.2505	6	3/8"	38.4	14	18	0.055	
128.2506	6	1/2"	44.7	14	22	0.070	
128.2508	8	1/8"	34.2	16	15	0.030	
128.2509	8	1/4"	38.7	16	15	0.040	
128.2510	8	3/8"	39.2	16	18	0.060	
128.2511	8	1/2"	45.6	16	22	0.085	
128.2513	10	1/4"	40.9	19	18	0.050	
128.2514	10	3/8"	40.9	19	18	0.055	
128.2515	10	1/2"	46.5	19	22	0.085	
128.2517	12	1/4"	43.4	22	22	0.060	
128.2518	12	3/8"	43.4	22	22	0.070	
128.2519	12	1/2"	49	22	22	0.090	
128.2524	16	1/2"	49	25	24	0.110	
128.2530	18	1/2"	50.5	30	27	0.150	

UNION SIMPLE MALE - NPT



Réf NPT	D	T NPT	L	H	h	Poids	
128.2602	6	1/8"	32.8	14	14	0.035	
128.2603	6	1/4"	37.9	14	14	0.035	
128.2605	6	3/8"	38.4	14	18	0.055	
128.2606	6	1/2"	44.7	14	22	0.070	
128.2608	8	1/8"	34.2	16	15	0.030	
128.2609	8	1/4"	38.7	16	15	0.040	
128.2610	8	3/8"	39.2	16	18	0.060	
128.2611	8	1/2"	45.6	16	22	0.085	
128.2613	10	1/4"	40.9	19	18	0.050	
128.2614	10	3/8"	40.9	19	18	0.055	
128.2615	10	1/2"	46.5	19	22	0.085	
128.2617	12	1/4"	43.4	22	22	0.060	
128.2618	12	3/8"	43.4	22	22	0.070	
128.2619	12	1/2"	49	22	22	0.090	
128.2624	16	1/2"	49	25	24	0.110	
128.2630	18	1/2"	50.5	30	27	0.150	

Diamètre OD sur demande

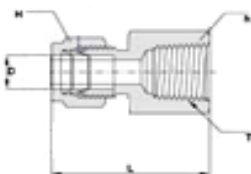
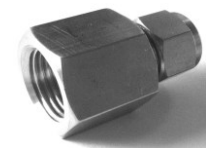


DOUBLE BAGUES



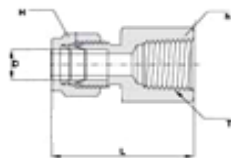
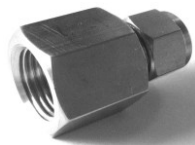
Inox 316

UNION SIMPLE FEMELLE GAZ



<i>Réf GAZ</i>	<i>D</i>	<i>T</i>	<i>L</i>	<i>H</i>	<i>h</i>	<i>Poids</i>	
128.2702	6	1/8"	31.3	14	14	0.055	
128.2703	6	1/4"	35.8	14	19	0.070	
128.2705	6	3/8"	36.9	14	22	0.105	
128.2706	6	1/2"	42.5	14	27	0.035	
128.2708	8	1/8"	32.1	16	15	0.040	
128.2709	8	1/4"	37	16	19	0.060	
128.2710	8	3/8"	37.7	16	22	0.085	
128.2711	8	1/2"	43.3	16	27	0.120	
128.2713	10	1/4"	37.8	19	19	0.055	
128.2714	10	3/8"	38.6	19	22	0.085	
128.2715	10	1/2"	44.2	19	27	0.120	
128.2717	12	1/4"	40.3	22	22	0.070	
128.2718	12	3/8"	41.1	22	22	0.090	
128.2719	12	1/2"	46.7	22	27	0.130	
128.2724	16	1/2"	46.9	25	27	0.160	

UNION SIMPLE FEMELLE NPT



<i>Réf NPT</i>	<i>D</i>	<i>T</i>	<i>L</i>	<i>H</i>	<i>h</i>	<i>Poids</i>	
128.2802	6	1/8"	31.3	14	14	0.055	
128.2803	6	1/4"	35.8	14	19	0.070	
128.2805	6	3/8"	36.9	14	22	0.105	
128.2806	6	1/2"	42.5	14	27	0.035	
128.2808	8	1/8"	32.1	16	15	0.040	
128.2809	8	1/4"	37	16	19	0.060	
128.2810	8	3/8"	37.7	16	22	0.085	
128.2811	8	1/2"	43.3	16	27	0.120	
128.2813	10	1/4"	37.8	19	19	0.055	
128.2814	10	3/8"	38.6	19	22	0.085	
128.2815	10	1/2"	44.2	19	27	0.120	
128.2817	12	1/4"	40.3	22	22	0.070	
128.2818	12	3/8"	41.1	22	22	0.090	
128.2819	12	1/2"	46.7	22	27	0.130	
128.2824	16	1/2"	46.9	25	27	0.160	

Diamètre OD sur demande

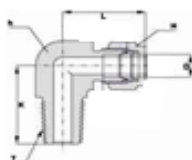


DOUBLE BAGUES



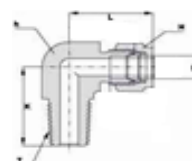
Inox 316

COUDE SIMPLE MALE GAZ CONIQUE



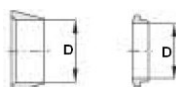
Réf GAZ	D	T	L	H	h	K	Poids
128.3000	4	1/8"	27	14	12	20	0.040
128.3002	6	1/8"	27	14	12.7	18.8	0.040
128.3003	6	1/4"	27	14	12.7	23.4	0.050
128.3005	6	3/8"	29.8	14	17.5	26.2	0.060
128.3006	6	1/2"	31.8	14	20.6	33	0.070
128.3008	8	1/8"	28.8	16	14.3	19.8	0.045
128.3009	8	1/4"	28.8	16	14.3	24.4	0.055
128.3010	8	3/8"	31.4	16	17.5	28.5	0.065
128.3011	8	1/2"	32.6	16	20.6	33	0.075
128.3013	10	1/4"	31.5	19	17.5	26.2	0.060
128.3014	10	3/8"	31.5	19	17.5	26.2	0.065
128.3015	10	1/2"	33.5	19	20.6	33	0.070
128.3017	12	1/4"	36	22	20.6	26.2	0.075
128.3018	12	3/8"	36	22	20.6	26.2	0.095
128.3019	12	1/2"	36	22	20.6	33	0.115
128.3024	16	1/2"	38	25	23.8	35.1	0.140

COUDE SIMPLE MALE NPT



Réf NPT	D	T	L	H	h	K	Poids
128.3102	6	1/8"	27	14	12.7	18.8	0.040
128.3103	6	1/4"	27	14	12.7	23.4	0.050
128.3105	6	3/8"	29.8	14	17.5	26.2	0.060
128.3106	6	1/2"	31.8	14	20.6	33	0.070
128.3108	8	1/8"	28.8	16	14.3	19.8	0.045
128.3109	8	1/4"	28.8	16	14.3	24.4	0.055
128.3110	8	3/8"	31.4	16	17.5	28.5	0.065
128.3111	8	1/2"	32.6	16	20.6	33	0.075
128.3113	10	1/4"	31.5	19	17.5	26.2	0.060
128.3114	10	3/8"	31.5	19	17.5	26.2	0.065
128.3115	10	1/2"	33.5	19	20.6	33	0.070
128.3117	12	1/4"	36	22	20.6	26.2	0.075
128.3118	12	3/8"	36	22	20.6	26.2	0.095
128.3119	12	1/2"	36	22	20.6	33	0.115
128.3124	16	1/2"	38	25	23.8	35.1	0.140

JEU DE BAGUE



Réf	D	Poids
128.3200	4	
128.3201	6	
128.3202	8	
128.3203	10	
128.3204	12	
128.3205	16	
128.3206	18	

VANNE A POINTEAU PN 400 P77

Diamètre OD sur demande

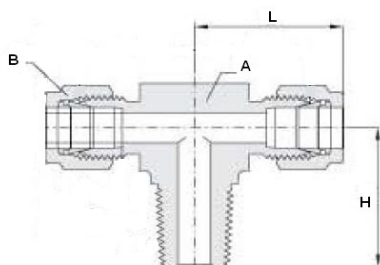


DOUBLE BAGUES



Inox 316

TE A EMBRANCHEMENT Mâle



Réf GAZ	DN	T	L	H	A	B	Poids
128.1000	4	1/8"	26	20	13	12	0.060
128.1002	6	1/8"	27	20	13	14	0.070
128.1003	6	1/4"	27	23	14	14	0.070
128.1008	8	1/8"	29	20	14	16	0.080
128.1009	8	1/4"	29	24	14	16	0.090
128.1013	10	1/4"	32	28	18	19	0.120
128.1014	10	3/8"	32	28	18	19	0.140
128.1017	12	1/4"	36	28	21	22	0.160
128.1018	12	3/8"	36	28	21	22	0.170
128.1019	12	1/2"	36	33	21	22	0.170
128.1024	16	1/2"	38	35	25	25	0.190

Réf NPT	DN	T	L	H	A	B	Poids
128.1100	4	1/8"	26	20	13	12	0.060
128.1102	6	1/8"	27	20	13	14	0.070
128.1103	6	1/4"	27	23	14	14	0.070
128.1108	8	1/8"	29	20	14	16	0.080
128.1109	8	1/4"	29	24	14	16	0.090
128.1113	10	1/4"	32	28	18	19	0.120
128.1114	10	3/8"	32	28	18	19	0.140
128.1117	12	1/4"	36	28	21	22	0.160
128.1118	12	3/8"	36	28	21	22	0.170
128.1119	12	1/2"	36	33	21	22	0.170
128.1124	16	1/2"	38	35	25	25	0.190

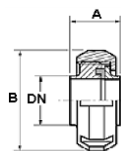


RACCORDS SMS



304 et 316

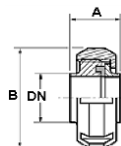
RACCORD COMPLET A SOUDER



JOINT EPDM

Réf	DN	A	B	Poids	
601.0905	25	38	51	0.212	
601.0907	38	45	74	0.535	
601.0908	51	47	84	0.615	
601.0909	63	50	100	0.995	
601.0910	76	50	114	1.310	
601.0912	104	56	138.5	1.640	

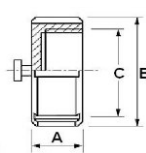
RACCORD COMPLET A DUDGEONNER



JOINT EPDM

Réf	DN	A	B	Poids	
601.1005	25	39	51	0.220	
601.1007	38	45	74	0.570	
601.1008	51	47	84	0.660	
601.1009	63	57	100	1.070	
601.1010	76	58	114	1.420	
601.1012	104	64	138.5	1.700	

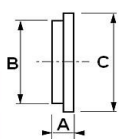
BOUCHON AVEC CHAINETTE



304

Réf	DN	A	B	C	Poids	
601.0705	25	20	51	40 x 6F"	0.175	
601.0707	38	25	74	60 x 6F"	0.265	
601.0708	51	26	84	74 x 6F"	0.405	
601.0709	63	28	100	85 x 6F"	0.750	
601.0710	76	30	114	98 x 6F"	0.940	
601.0712	104	31	138.5	132 x 4F"	1.085	

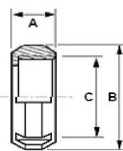
FOND D'ECROU



316

Réf	DN	A	B	C	Poids	
601.0605	25	7.5	32	35	0.055	
601.0607	38	8	48	55	0.155	
601.0608	51	9	60	65	0.245	
601.0609	63	9	74	80	0.360	
601.0610	76	11	86	93	0.545	
601.0612	104	13	116	127	0.915	

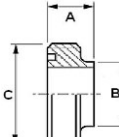
ECROU SMS



304

Réf	DN	A	B	C	Poids	
600.0105	25	19	51	40 x 6F"	0.115	
600.0107	38	25	74	60 x 6F"	0.250	
600.0108	51	26	84	74 x 6F"	0.300	
600.0109	63	30	100	85 x 6F"	0.460	
600.0110	76	32	114	98 x 6F"	0.610	
600.0112	104	45	138.5	132 x 4F"	0.715	

NEZ A SOUDER SMS



316

Réf	DN	A	B	C	Poids	
601.0205	25	15	25	40 x 6F"	0.055	
601.0207	38	20	38	60 x 6F"	0.170	
601.0208	51	20	51	74 x 6F"	0.190	
601.0209	63	24	63.5	85 x 6F"	0.345	
601.0210	76	24	76	98 x 6F"	0.400	
601.0212	104	35	104	132 x 4F"	0.550	

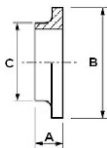


RACCORDS SMS



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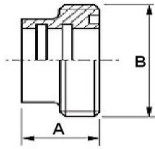
DOUILLE A SOUDER SMS



316

Réf	DN	A	B	C	Poids
601.0305	25	17	35.5	25	0.040
601.0307	38	20	55	38	0.085
601.0308	51	20	65	51	0.110
601.0309	63	25	80	63.5	0.150
601.0310	76	30	93	76	0.220
601.0312	104	35	127	104	0.350

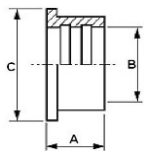
NEZ A DUDGEONNER



316

Réf	DN	A	B	Poids
601.0405	25	20	35.5	0.060
601.0407	38	23	55	0.180
601.0408	51	25	65	0.200
601.0409	63	30	80	0.370
601.0410	76	30	93	0.460
601.0412	104	35	127	0.530

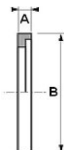
DOUILLE A DUDGEONNER



316

Réf	DN	A	B	C	Poids
601.0505	25	17	25	35.5	0.045
601.0507	38	20	38	55	0.120
601.0508	51	20	51	65	0.140
601.0509	63	25	63.5	80	0.230
601.0510	76	30	76	93	0.340
601.0512	104	35	104	127	0.360

JOINT SMS



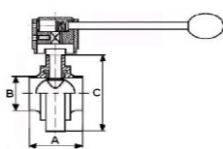
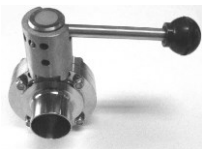
EPDM

Réf	DN	A	B	Poids
600.0705	25	5.5	32	0.002
600.0707	38	5.5	48	0.004
600.0708	51	5.5	61	0.006
600.0709	63	5.5	73.5	0.007
600.0710	76	5.5	86	0.008
600.0712	104	5.5	113.5	0.014

VITON

Réf	DN	A	B	Poids
600.0805	25	5.5	32	0.002
600.0807	38	5.5	48	0.006
600.0808	51	5.5	61	0.008
600.0809	63	5.5	73.5	0.010
600.0810	76	5.5	86	0.012
600.0812	104	5.5	113.5	0.020

VANNE PAPILLON Lisse Lisse



316

Réf	DN	A	B	C	Poids
601.1105	25	44	25	79	1.200
601.1107	38	44	38	92	1.250
601.1108	51	44	51	105	1.600
601.1109	63	44	63.5	112	1.850
601.1110	76	44	76.1	125	2.250
601.1112	104	64	104	162	2.750

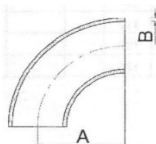


SMS

304 et 316

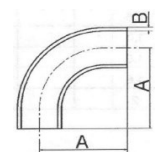
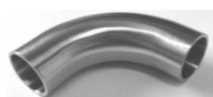


COUDE 90° A SOUDER 1.5D SANS PARTIE DROITE



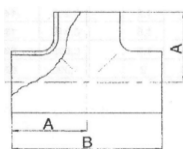
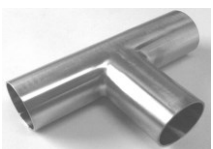
DN	A	B	Poids	Réf 304		Réf 316	
25	38	1.2	0.040	630.0105		631.0105	
38	57	1.2	0.095	630.0107		631.0107	
51	76	1.2	0.205	630.0108		631.0108	
63	95	1.5	0.315	630.0109		631.0109	
76	114	1.6	0.625	630.0110		631.0110	
104	150	2	1.090	630.0112		631.0112	

COUDE 90° A SOUDER 1D AVEC PARTIE DROITE



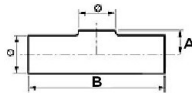
DN	A	B	Poids	Réf 304		Réf 316	
25	52	1.6	0.070	630.0205		631.0205	
38	75	1.6	0.135	630.0207		631.0207	
51	103	1.6	0.205	630.0208		631.0208	
63	132	1.6	0.419	630.0209		631.0209	
76	160	1.6	0.590	630.0210		631.0210	
104	211	2	1.272	630.0212		631.0212	

TE 3 BRANCHES EGALES



DN	A	B	Poids	Réf 304		Réf 316	
25	29	57	0.120	630.0305		631.0305	
38	67.5	84	0.185	630.0307		631.0307	
51	52	105	0.300	630.0308		631.0308	
63	59.5	119	0.550	630.0309		631.0309	
76	91	132	0.750	630.0310		631.0310	
104	62	175	1.800	630.0312		631.0312	

TE EXTRUDE



DN	A	B	Poids	Réf 304		Réf 316	
25	16	110	0.095	630.0905		631.0905	
38	23	140	0.155	630.0907		631.0907	
51	29	164	0.225	630.0908		631.0908	
63	36	210	0.455	630.0909		631.0909	
76	42	220	0.610	630.0910		631.0910	
104	55	230	1.410	630.0912		631.0912	

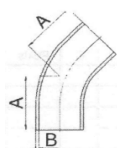


SMS

304 et 316

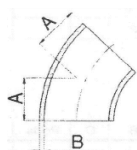


COUDE 45° A SOUDER AVEC PARTIE DROITE



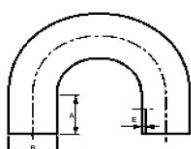
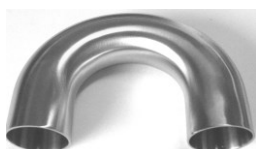
DN	A	B	Poids	Réf 304	Réf 316
25	16	1.6		630.0405	631.0405
38	24	1.6		630.0407	631.0407
51	32	1.6		630.0408	631.0408
63	40	1.6		630.0409	631.0409
76	48	1.6		630.0410	631.0410
104	64	2		630.0412	631.0412

COUDE 45° A SOUDER SANS PARTIE DROITE



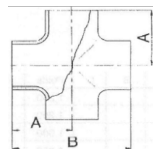
DN	A	B	Poids	Réf 304	Réf 316
25	30	1.6	0.059	630.0505	631.0505
38	41	1.6	0.104	630.0507	631.0507
51	59	1.6	0.168	630.0508	631.0508
63	76	1.6	0.336	630.0509	631.0509
76	94	1.6	0.550	630.0510	631.0510
104	122	2	0.837	630.0512	631.0512

COUDE 180° A SOUDER



B	A	E	Poids	Réf 304	Réf 316
25	50	1.2	0.150	630.0805	631.0805
38	50	1.2	0.300	630.0807	631.0807
51	50	1.2	0.480	630.0808	631.0808
63	50	1.5	0.800	630.0809	631.0809
76	50	1.6	1.190	630.0810	631.0810
104	50	2	3.300	630.0812	631.0812

CROIX 4 BRANCHES EGALES



DN	A	B	Poids	Réf 304	Réf 316
25	29	57	0.070	630.0605	631.0605
38	42	84	0.180	630.0607	631.0607
51	52	105	0.240	630.0608	631.0608
63	60	119	0.370	630.0609	631.0609
76	66	132	0.410	630.0610	631.0610
104	87	175	0.990	630.0612	631.0612

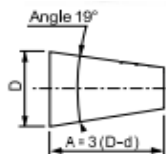


SMS

304 et 316

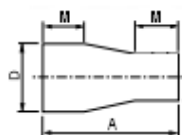


REDUCTIONS CONCENTRIQUES SANS PARTIES DROITES



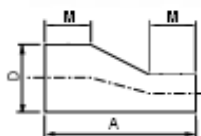
DN	A	Poids	Réf 304	Réf 316
38 x 25	39	0.045	630.1014	631.1014
51 x 25	78	0.105	630.1018	631.1018
51 x 38	39	0.065	630.1020	631.1020
63 x 38	75	0.145	630.1024	631.1024
63 x 51	38	0.075	630.1025	631.1025
76 x 38	114	0.245	630.1029	631.1029
76 x 51	75	0.175	630.1030	631.1030
76 x 63	38	0.090	630.1031	631.1031
104 x 51	159	0.580	630.1035	631.1035
104 x 63	123	0.450	630.1036	631.1036
104 x 76	84	0.345	630.1037	631.1037

REDUCTIONS CONCENTRIQUES AVEC PARTIES DROITES



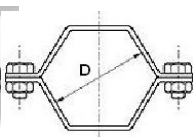
DN	A	M	Poids
38 x 25	51	40	0.050
51 x 25	78	40	0.090
51 x 38	51	40	0.060
63 x 38	102	40	0.150
63 x 51	51	40	0.100
76 x 38	152	40	0.250
76 x 51	102	40	0.180
76 x 63	51	40	0.110
104 x 51	203	40	0.600
104 x 63	152	40	0.480
104 x 76	102	40	0.400

REDUCTIONS EXCENTRIQUES AVEC PARTIES DROITES



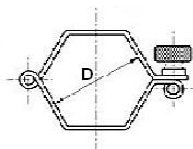
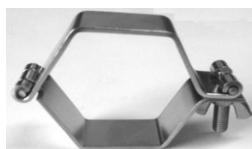
DN	A	M	Poids
38 x 25	100	40	0.115
51 x 25	115	40	0.180
51 x 38	100	40	0.160
63 x 38	120	40	0.245
63 x 51	105	40	0.200
76 x 38	130	40	0.315
76 x 51	115	40	0.275
76 x 63	100	40	0.255
104 x 51	155	40	0.720
104 x 63	135	40	0.650
104 x 76	120	40	0.610

COLLIER HEXA SANS TIGE



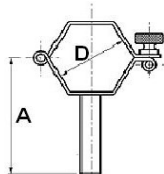
D	Poids	Réf 304
25	0.090	600.1005
38	0.140	600.1007
51	0.160	600.1008
63	0.190	600.1009
76	0.200	600.1010
104	0.250	600.1012

COLLIER HEXA SANS TIGE



D	Poids	Réf 304
25	0.090	600.1105
38	0.120	600.1107
51	0.150	600.1108
63	0.170	600.1109
76	0.195	600.1110
104	0.240	600.1112

COLLIER HEXA AVEC TIGE



ARTICULE

D	A	Poids	Réf 304
25	100	0.145	600.1205
38	100	0.165	600.1207
51	100	0.180	600.1208
63	100	0.200	600.1209
76	100	0.200	600.1210
104	100	0.260	600.1212

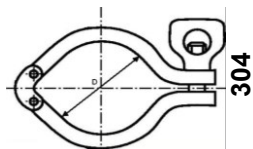


CLAMP

304 et 316

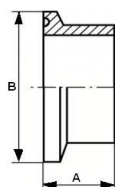


COLLIER CLAMP



Réf	D	A	Poids	
620.0105	25	53.6	0.280	
620.0107	38	53.6	0.280	
620.0108	51	67	0.325	
620.0109	63	80.6	0.390	
620.0110	76	94	0.410	
620.0112	104	122	0.525	

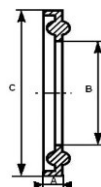
FERRULE CLAMP



316

Réf	DN	A	B	Poids	
621.0205	25	28.6	25.4	0.075	
621.0207	38	28.6	38.1	0.070	
621.0208	51	28.6	50.8	0.095	
621.0209	63	28.6	63.5	0.120	
621.0210	76	28.6	76.2	0.145	
621.0212	104	28.6	101.6	0.250	

JOINT CLAMP

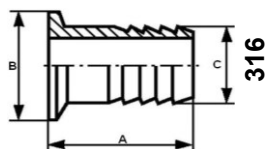


EPDM

VITON

Réf	DN	A	B	C	Poids	
620.0405	25	2.1	22.8	43.5		
620.0407	38	2.1	35.5	43.5		
620.0408	51	2.1	48.2	56.5		
620.0409	63	2.1	60.5	70.5		
620.0410	76	2.1	73.2	83.5		
620.0412	104	2.1	97.8	110		
620.0505	25	2.1	22.8	43.5		
620.0507	38	2.1	35.5	43.5		
620.0508	51	2.1	48.2	56.5		
620.0509	63	2.1	60.5	70.5		
620.0510	76	2.1	73.2	83.5		
620.0512	104	2.1	97.8	110		

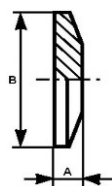
FERRULE CANNELEE



316

Réf	DN	A	B	C	Poids	
621.0305	25	43	25	21	0.085	
621.0307	38	43	38	33	0.085	
621.0308	51	59	51	46	0.125	
621.0309	63	51	63.5	59	0.160	
621.0310	76	79	76	72	0.280	

BOUCHON CLAMP



316

Réf	DN	A	B	Poids	
621.0605	25	6.4	50.5	0.08	
621.0607	38	6.4	50.5	0.08	
621.0608	51	6.4	64	0.135	
621.0609	63	6.4	77.5	0.205	
621.0610	76	6.4	91	0.285	
621.0612	104	7.9	119	0.58	



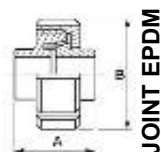
DIN 11851

304 et 316



RACCORD COMPLET A SOUDER 316

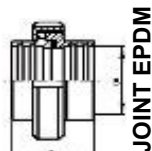
Ecrou 304



Réf	DIA	A	B	Poids
611.0901	10	34	38	0.135
611.0903	15	34	44	0.175
611.0904	20	36	54	0.290
611.0905	25	45	63	0.395
611.0906	32	51	70	0.480
611.0907	40	53	78	0.570
611.0908	50	57	92	0.760
611.0909	65	65	112	1.320
611.0910	80	75	127	1.695
611.0912	100	89	148	2.425

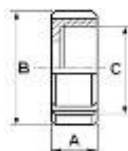
RACCORD COMPLET A DUDGEONNER 316

Ecrou 304



Réf	DIA	A	B	Poids
611.1005	25	45	28.2	0.415
611.1006	32	51	34.2	0.505
611.1007	40	53	40.2	0.610
611.1008	50	57	52.2	0.855
611.1009	65	65	70.3	1.405
611.1010	80	75	85.3	1.780
611.1012	100	89	104.4	2.745

ECROU DIN 304



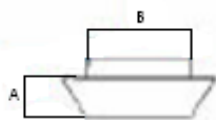
Réf	DIA	A	B	C	Poids
610.0101	10	18	38	28 x 8F"	0.075
610.0103	15	18	44	34 x 8F"	0.090
610.0104	20	21	54	44 x 6F"	0.140
610.0105	25	21	63	52 x 6F"	0.180
610.0106	32	21	70	58 x 6F"	0.215
610.0107	40	21	78	65 x 6F"	0.255
610.0108	50	22	92	76 x 6F"	0.340
610.0109	65	25	112	95 x 6F"	0.610
610.0110	80	29	127	110 x 4F"	0.760
610.0112	100	31	148	130 x 4F"	1.040

BOUCHON A CHAINETTE 304



Réf	DIA	A	C	B	Poids
610.0605	25	21	63	52 x 6F"	0.225
610.0606	32	21	70	58 x 6F"	0.260
610.0607	40	21	78	65 x 6F"	0.315
610.0608	50	22	92	76 x 6F"	0.450
610.0609	65	25	112	95 x 6F"	0.750
610.0610	80	30	127	110 x 4F"	1.030
610.0612	100	31	148	130 x 4F"	1.430

FOND D'ECROU



Réf	DIA	A	B	Poids
611.1101	10	9	18	
611.1102	15	9	24	
611.1103	20	11	30	
	25	13	35	0.140
611.1105	32	13	41	0.180
611.1106	40	13	48	0.230
611.1107	50	14	61	0.380
611.1108	65	16	79	0.700
611.1109	80	16	93	0.970
611.1110	100	20	114	1.750
611.1111	125	22	137	
611.1112	150	24	163	

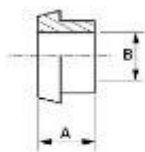


DIN 11851



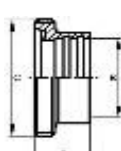
304 et 316

DOUILLE A SOUDER DIN



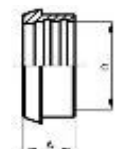
DIA	A	B	Poids	Réf 316
10	17	10	0.020	611.0301
15	17	16	0.030	611.0303
20	18	20	0.055	611.0304
25	22	26	0.090	611.0305
32	25	32	0.115	611.0306
40	26	38	0.135	611.0307
50	28	50	0.190	611.0308
65	32	66	0.320	611.0309
80	37	81	0.365	611.0310
100	44	100	0.630	611.0312

NEZ A DUDGEONNER



DIA	A	B	C	Poids	Réf 316
25	29	28.2	52 x 6F"	0.135	611.0405
32	32	34.2	58 x 6F"	0.165	611.0406
40	33	40.2	65 x 6F"	0.210	611.0407
50	35	52.2	76 x 6F"	0.300	611.0408
65	40	70.3	95 x 6F"	0.455	611.0409
80	45	85.3	110 x 4F"	0.600	611.0410
100	54	104.4	130 x 4F"	0.900	611.0412

DOUILLE A DUDGEONNER



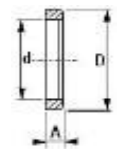
DIA	A	C	Poids	Réf 316
25	22	28.2	0.095	611.0505
32	25	34.2	0.120	611.0506
40	26	40.2	0.140	611.0507
50	28	52.2	0.205	611.0508
65	32	70.3	0.330	611.0509
80	37	85.3	0.410	611.0510
100	44	104.4	0.790	611.0512

NEZ A SOUDER DIN



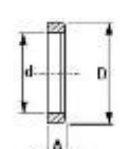
DIA	A	B	C	Poids	Réf 316
10	21	10	28 x 8F"	0.035	611.0201
15	21	16	34 x 8F"	0.050	611.0203
20	24	20	44 x 6F"	0.095	611.0204
25	29	26	52 x 6F"	0.120	611.0205
32	32	32	58 x 6F"	0.150	611.0206
40	33	38	65 x 6F"	0.180	611.0207
50	35	50	76 x 6F"	0.225	611.0208
65	40	66	95 x 6F"	0.390	611.0209
80	45	81	110 x 4F"	0.565	611.0210
100	54	100	130 x 4F"	0.740	611.0212

JOINT DIN VITON



DIA	A	d	D	Poids	Réf
25	5	30	40		610.0805
32	5	36	46		610.0806
40	5	42	52		610.0807
50	5	54	64		610.0808
65	5	71	81		610.0809
80	5	85	95		610.0810
100	6	104	114		610.0812

JOINT DIN EPDM



DIA	A	d	D	Poids	Réf
10	4.5	12	20		610.0701
15	4.5	18	26		610.0703
20	4.5	23	33		610.0704
25	5	30	40		610.0705
32	5	36	46		610.0706
40	5	42	52		610.0707
50	5	54	64		610.0708
65	5	71	81		610.0709
80	5	85	95		610.0710
100	6	104	114		610.0712



uisement des stocks

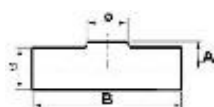
Tél : 02 33 42 32 97 - Fax : 02 33 42 14 78
achats@hp-composants.fr

COUDE 90° 1,5 D SPD



DN	A	Poids	Réf
22 x 1,5	40	0.043	611.0102
29 x 1,5	50	0.065	611.0105
35 x 1,5	55	0.100	611.0107
41 x 1,5	60	0.150	611.0109
53 x 1,5	70	0.190	611.0111
70 x 2	80	0.410	611.0114
85 x 2	90	0.530	611.0116
104 x 2	100	0.810	611.0117

TE EXTRUDE



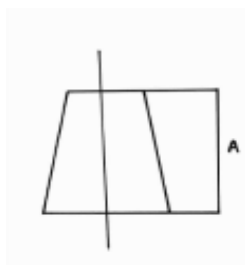
DN	B	A	Poids	Réf
22 x 1,5	80	13		611.0602
29 x 1,5	100	18		611.0605
35 x 1,5	110	21		611.0607
41 x 1,5	120	24		611.0609
53 x 1,5	140	30		611.0611
70 x 2	160	39		611.0614
85 x 2	180	47		611.0616
104 x 2	200	60		611.0617

Té 3 BRANCHES EGALES 316L



DN	B	A	Poids	Réf
22 x 1,5	80	40	0.045	611.0702
29 x 1,5	100	50	0.150	611.0705
35 x 1,5	110	55	0.180	611.0707
41 x 1,5	120	60	0.240	611.0709
53 x 1,5	140	70	0.330	611.0711
70 x 2	160	80	0.650	611.0714
85 x 2	180	90	1.070	611.0716
104 x 2	200	100	2.100	611.0717

REDUCTIONS CONCENTRIQUES SHORT 316 L



DN	A	Poids	Réf
28/22 x 1,5	18	0.020	611.0801
34/22 x 1,5	36		611.0802
34/28 x 1,5	18	0.040	611.0803
40/22 x 1,5	54		611.0804
40/28 x 1,5	36	0.050	611.0805
40/34 x 1,5	18	0.040	611.0806
52/28 x 1,5	72	0.105	611.0807
52/34 x 1,5	54	0.070	611.0808
52/40 x 1,5	36	0.060	611.0809
70/34 x 2 x 1,5	108	0.245	611.0810
70/40 x 2 x 1,5	90	0.180	611.0811
70/52 x 2 x 1,5	54	0.095	611.0812
85/40 x 2 x 1,5	54	0.190	611.0813
85/52 x 2 x 1,5	89	0.170	611.0814
85/70 x 2 x 1,5	45	0.090	611.0815
104/52 x 2 x 1,5	156	0.580	611.0816
104/70 x 2 x 1,5	102	0.360	611.0817
104/85 x 2 x 1,5	57	0.330	611.0818