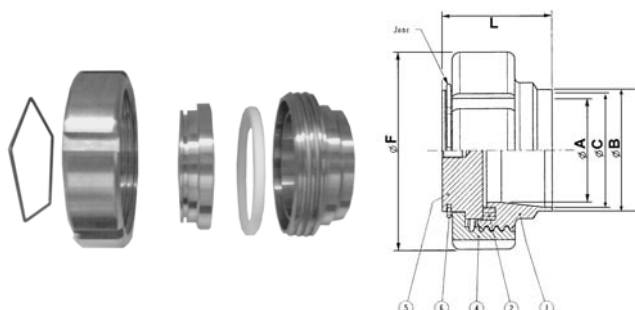


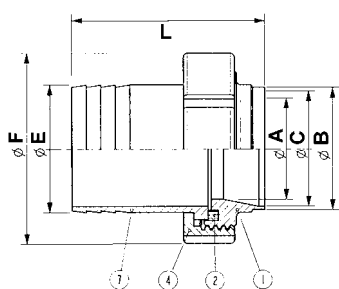
ISO 9001**RACCORD A JOINT PLAT INOX 316 L - MECA-INOX**
STAINLESS STEEL 316 L FLAT SEAL UNIONS - MECA-INOX**Caractéristiques communes aux raccords à joint plat inox :**

- Serrage rapide
- Filet rond NFE 03003 pour montage et démontage rapide
- Etanchéité parfaite sur joint encastré (évite le fluage)
- Conditions de service 50 bar / 150°C
- Quick tightening
- Round thread to std NFE 03 003 for rapid assembly and quick dismantling
- Perfect tightness without fragility at the flat seat
- Operating condition 50 bar / 150°C

TYPE RJPB - BW / CAP**4600 - 4601****Raccord joint plat à souder :**
tube ISO + bouchon*Flat seal union :*
BW ISO pipe + blank end**Passage intégral :** réf. 4600*Full bore :* ref. 4600**Passage venturi :** réf. 4601*Reduced bore :* ref. 4601

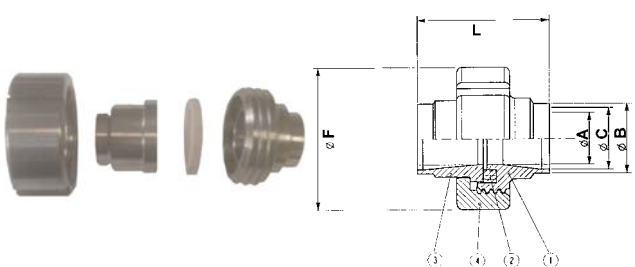
- ① Pièce filetée inox 316 L
- ② Joint plat Butyl ou PTFE [réf. + "T"]
- Autres joints sur demande : Perbunan,...
- ④ Ecrou inox à encoches
- ⑤ Bouchon plat inox 316 L
- ⑥ Jonc CERCLAM
- ① Screwed end AISI 316 L
- ② Butyl or PTFE flat seal [ref. + "T"]
- Other seals on request : Perbunan ...
- ④ S. steel slotted nut
- ⑤ AISI 316 L blank male part
- ⑥ CERCLAM

DN	réf. 4600							réf. 4601			
	15	20	25	32	40	50	100	20	40	65	80
B Ø ext. (mm)	21.3	26.9	33.7	42.4	48.3	60.3	114.3	26.9	48.3	76.1	88.9
C Ø int. (mm)	18.1	23.7	30.5	39.2	45.1	56.3	110.3	23.7	45.1	72.1	84.9
A Ø pass. (mm)	18.1	23.7	30.5	39.2	45.1	56.3	110	20	41	68	80
F Ø écrou (mm)	54.5	59.5	69	79	84	94	158	54.5	79	109	119
L Longueur (mm)	38	44	44	44	44.5	44.5	67	38	44	55	55

TYPE RJPC - BW / CANNELE**4610 - 4611****Raccord joint plat à souder :**
tube ISO + cannelé*Flat seal union :*
BW ISO pipe + hose shank**Passage intégral :** réf. 4610*Full bore :* ref. 4610**Passage venturi :** réf. 4611*Reduced bore :* ref. 4611

- ① Pièce filetée inox 316 L
- ② Joint plat Butyl ou PTFE [réf. + "T"]
- Autres joints sur demande : Perbunan,...
- ③ Embout à souder inox 316 L
- ④ Ecrou inox
- ① Screwed end AISI 316 L
- ② Butyl or PTFE flat seal [ref. + "T"]
- Other seals on request : Perbunan ...
- ③ Hose shank end AISI 316 L
- ④ S. steel slotted nut

DN	réf. 4610							réf. 4611				
	15	20	25	32	40	50	100	20	40	65	80	125
B Ø ext. (mm)	21.3	26.9	33.7	42.4	48.3	60.3	114.3	26.9	48.3	76.1	88.9	139.7
C Ø int. (mm)	18.1	23.7	30.5	39.2	45.1	56.3	110.3	23.7	45.1	72.1	84.9	135.7
A Ø pass. (mm)	18.1	23.7	30.5	39.2	45.1	56.3	110	20	41	68	80	134
F Ø écrou (mm)	54.5	59.5	69	79	84	94	158	54.5	79	109	119	179
E Ø cannelure (mm)	19	26	32	47.5	53.5	63.0	s/dde	26	47.5	76.1	86.5	s/dde
L Longueur (mm)	62.5	68	75	90	90	95	s/dde	65	90	110	120	s/dde

TYPE RJPL - BW / BW**4620 - 4621****Raccord joint plat à souder :**
tube ISO*Flat seal union :*
BW / BW**Passage intégral :** réf. 4620*Full bore :* ref. 4620**Passage venturi :** réf. 4621*Reduced bore :* ref. 4621

- ① Pièce filetée inox 316 L
- ② Joint plat Butyl ou PTFE [réf. + "T"]
- Autres joints sur demande : Perbunan,...
- ③ Embout à souder inox 316 L
- ④ Ecrou inox
- ① Screwed end AISI 316 L
- ② Butyl or PTFE flat seal [ref. + "T"]
- Other seals on request : Perbunan ...
- ③ Welding liner AISI 316 L
- ④ S. steel slotted nut

DN	réf. 4620							réf. 4621			
	15	20	25	32	40	50	100	20	40	65	80
B Ø int. (mm)	21.3	26.9	33.7	42.4	48.3	60.3	114.3	26.9	48.3	76.1	88.9
C Ø ext. (mm)	18.1	23.7	30.5	39.2	45.1	56.3	110.3	23.7	45.1	72.1	84.9
A Ø pass. (mm)	18.1	23.7	30.5	39.2	45.1	56.3	110	20	41	68	80
F Ø écrou (mm)	54.5	59.5	69	79	84	94	158	54.5	79	109	119
L Longueur (mm)	50	58	58	58	61	61	90	50	58	71	71

RACCORDS UNION SMS & DIN 11851

SMS & DIN 11851 UNION FITTINGS

RACCORDS SMS - SMS UNIONS

4650

Construction : inox 304 ou 316
Joint : EPDM, Viton®, PTFE, Silicone

AISI 304 or AISI 316 construction
Seal : EPDM, Viton®, PTFE, Silicone

Ø																		
	D	L	D	d	E	A	D	d	H	d	A	L	D	d	L	D	d	e
25	51	38	35	31	7	40x6F"	51	32.5	20	22.5	40x6F"	19	35.5	22.5	17	32	22.5	5
38	74	45	55	48	8	60x6F"	74	49	25	35.5	60x6F"	23	55	35.5	20	48	35.5	5
51	84	47	65	60	9	70x6F"	84	62	26	48.5	70x6F"	25	65	48.5	20	61	48.5	5
63	100	50	80	74	9	85x6F"	100	74.5	28	60.5	85x6F"	27	80	60.5	21	73.5	60.5	5
76	114	50	93	86	10	98x6F"	114	87	30	72	98x6F"	27	93	72	21	86	72.9	5
104	138.5	56	118	112	11	125x4F"	138	113	31	100	125x4F"	30	118	100	24	116	100	5

RACCORDS DIN - DIN UNIONS

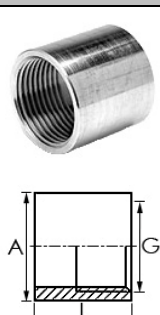
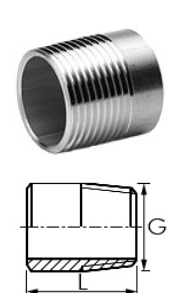
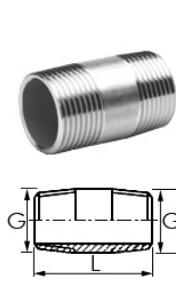
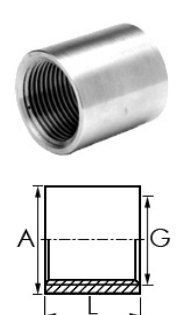
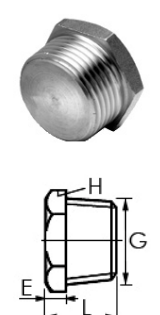

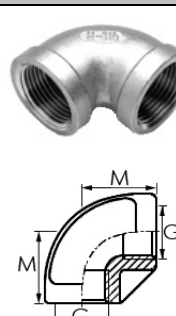
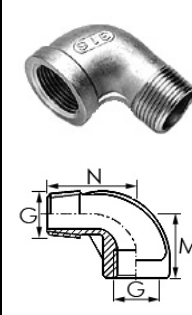
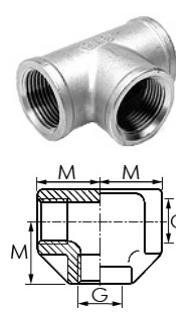
4660

Construction : inox 304 ou 316
Joint : EPDM, Viton®, PTFE, Silicone

AISI 304 or AISI 316 construction
Seal : EPDM, Viton®, PTFE, Silicone

DN																		
	D	L	A	d	H	D	d	H	A	D	d	H	D	A	H	D	d	e
10	38	34	28x8F"	10	21	22	10	17	28x8F"	38	19	18	38	28x8F"	18	20	12	4.5
15	44	34	34x8F"	16	21	28	16	17	34x8F"	44	25	18	44	34x8F"	18	26	18	4.5
20	54	36	44x6F"	20	24	36	20	18	44x6F"	54	31	21	54	44x6F"	21	33	23	4.5
25	63	45	52x6F"	26	29	44	26	22	52x6F"	63	36	21	63	52x6F"	21	40	30	5
32	70	51	58x6F"	32	32	50	32	25	58x6F"	70	42	21	70	58x6F"	21	46	36	5
40	78	53	65x6F"	38	33	56	38	26	65x6F"	78	49	21	78	65x6F"	21	52	42	5
50	92	57	78x6F"	50	35	68	50	28	78x6F"	92	62	22	92	78x6F"	22	64	54	5
65	112	65	95x6F"	66	40	86	66	32	95x6F"	112	80	25	112	95x6F"	25	81	71	5
80	127	75	110x4F"	81	45	100	81	37	110x4F"	127	94	29	127	110x4F"	30	95	85	5
100	148	89	130x4F"	100	54	121	100	44	130x4F"	148	115	31	148	130x4F"	31	114	104	6
125	178	70	160x4F"	125	46	150	125	34	160x4F"	178	138	35	-	-	-	142	130	7
150	210	76	190x4F"	150	50	176	150	37	190x4F"	210	164	40	-	-	-	167	155	7

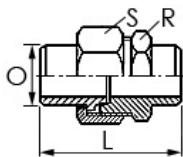
ACCESSOIRES RACCORDS INOX 316 L STAINLESS STEEL 316 L TUBE FITTINGS

CARACTERISTIQUES - GENERAL FEATURES					EMBOUIT FEMELLE - FEMALE NIPPLE								
Caractéristiques communes aux références 8500 à 8530 : <ul style="list-style-type: none"> • Filetage mâle conique selon NFE 03004 • Filetage femelle gaz cylindrique selon NFE 03005 • Construction en inox 316 L (sauf pièces moulées réf. 8506, 8507 et 8508 : inox 316) <i>Common characteristics to references 8500 to 8530 :</i> <ul style="list-style-type: none"> • NPT Male threading according to NFE 03004 • BSP Female threading according to NFE 03005 • Material AISI 316 L (except cast items ref. 8506, 8507 & 8508 : AISI 316) 									8500	DN	G (mm)	A (mm)	L (mm)
									5	1/8	14	18	
	8	1/4	18	22									
	12	3/8	22	25									
	15	1/2	25	28									
	20	3/4	30	32									
	25	1	38	36									
	32	1-1/4	50	36									
	40	1-1/2	55	40									
	50	2	65	40									
	65	2-1/2	85	55									
	80	3	95	70									
	100	4	122	80									
EMBOUIT MÂLE - WELDING NIPPLE					BOBINE M/M - BARREL NIPPLE								
8501					8502								
													
	DN	G (mm)	L (mm)			DN	G (mm)	L (mm)					
	5	1/8	22			5	1/8	31					
	8	1/4	22			8	1/4	36					
	12	3/8	23			12	3/8	39					
	15	1/2	27			15	1/2	42					
	20	3/4	33			20	3/4	50					
	25	1	35			25	1	56					
	32	1-1/4	36			32	1-1/4	58					
	40	1-1/2	41			40	1-1/2	62					
	50	2	46			50	2	74					
	65	2-1/2	55			65	2-1/2	80					
	80	3	60			80	3	100					
	100	4	80			100	4	120					
MANCHON FEMELLE - FEMALE COUPLING					BOUCHON MÂLE - MALE PLUG								
8503					8504								
													
	DN	G (mm)	A (mm)	L (mm)		DN	G (mm)	E (mm)	H (mm)	L (mm)			
	5	1/8	14	19		5	1/8	5	10	13			
	8	1/4	17.2	25		8	1/4	5	14	15/16			
	12	3/8	21.3	26		12	3/8	5	19	15/16			
	15	1/2	26.9	34		15	1/2	7	23	20/21			
	20	3/4	32	36		20	3/4	7	27	22/23			
	25	1	40	43		25	1	7	36	23/25			
	32	1-1/4	48.3	48		32	1-1/4	8	46	27/28			
	40	1-1/2	55	48		40	1-1/2	10	50	30/32			
	50	2	67	56		50	2	11	60	34/36			
	65	2-1/2	85	65		65	2-1/2	12	78	37			
	80	3	95	72		80	3	12	92	42			
	100	4	122	82		100	4	12	118	47			
BOUCHON FEMELLE - CAP					COUDE 90° F/F - F/F 90° ELBOW								
8505					8506								
													
	DN	G (mm)	H (mm)	L (mm)		DN	G (mm)	M (mm)					
	5	1/8	13	10		5	1/8	17					
	8	1/4	17	10/12		8	1/4	20					
	12	3/8	21	12/16		12	3/8	24					
	15	1/2	24	14/18		15	1/2	28					
	20	3/4	30	16/18		20	3/4	32					
	25	1	38	17/22		25	1	38					
	32	1-1/4	46	19/22		32	1-1/4	45					
	40	1-1/2	55	23/26		40	1-1/2	50					
	50	2	65	25/26		50	2	58					
	65	2-1/2	84	29		65	2-1/2	70					
	80	3	95	34		80	3	78					
	100	4	124	40		100	4	97					
COUDE 90° M/F - M/F 90° ELBOW					TE EGAL - EQUAL TEE								
8507					8508								
													
	DN	G (mm)	M (mm)	N (mm)		DN	G (mm)	M (mm)					
	5	1/8	17	26		5	1/8	17					
	8	1/4	20	28		8	1/4	20					
	12	3/8	24	36		12	3/8	24					
	15	1/2	28	40		15	1/2	28					
	20	3/4	32	46		20	3/4	32					
	25	1	38	54		25	1	38					
	32	1-1/4	45	62		32	1-1/4	45					
	40	1-1/2	50	69		40	1-1/2	50					
	50	2	58	80		50	2	58					
	65	2-1/2	70	98		65	2-1/2	70					
	80	3	78	112		80	3	78					
	100	4	97	132		100	4	97					

ACCESSOIRES RACCORDS INOX 316 L
STAINLESS STEEL 316 L TUBE FITTINGS

RACCORD UNION LISSE LISSE
BW/BW UNION

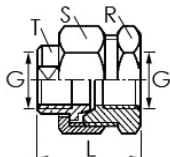
8509



DN	G (mm)	L (mm)	O (mm)	R (mm)	S (mm)
5	1/8	40	10.2	17	2
8	1/4	40	13.5	17	21
12	3/8	45	17.2	21	24
15	1/2	48	21.3	27	30
20	3/4	52	26.9	36	36
25	1	55	33.7	35	46
32	1-1/4	56	42.4	45	55
40	1-1/2	58	48.3	50	60
50	2	62	60.3	60	70
65	2-1/2	81	76.1	80	92
80	3	96	88.9	94	110
100	4	130	114.3	115	135

RACCORD UNION F/F
F/F UNION

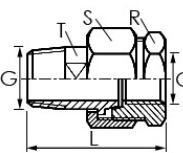
8510



DN	G (mm)	L (mm)	R (mm)	S (mm)	T (mm)
5	1/8	29	21	24	14
8	1/4	29	21	24	14
12	3/8	34	27	30	18
15	1/2	34	36	36	24
20	3/4	38	37	46	30
25	1	44	46	55	38
32	1-1/4	50	50	60	45
40	1-1/2	53	60	70	54
50	2	54	70	84	63
65	2-1/2	63	94	110	83
80	3	75	104	122	94
100	4	94	140	150	125

RACCORD UNION M/F
M/F UNION

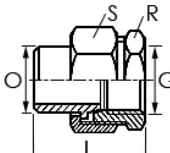
8511



DN	G (mm)	L (mm)	R (mm)	S (mm)	T (mm)
5	1/8	32	17	21	10
8	1/4	38	17	21	11
12	3/8	42	21	24	14
15	1/2	49	27	30	18
20	3/4	57	36	36	24
25	1	66	37	46	30
32	1-1/4	70	46	55	38
40	1-1/2	71	52	60	45
50	2	79	63	70	54
65	2-1/2	88	80	92	71
80	3	100	94	110	84
100	4	122	120	150	108

RACCORD UNION LISSE FEMELLE
BW/F UNION

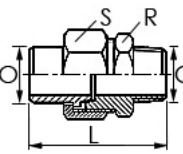
8512



DN	G (mm)	O (mm)	L (mm)	R (mm)	S (mm)
5	1/8	10.2	31	17	21
8	1/4	13.5	31	17	21
12	3/8	17.2	35	21	24
15	1/2	21.3	40	27	30
20	3/4	26.9	45	36	36
25	1	33.7	50	37	46
32	1-1/4	42.4	53	46	55
40	1-1/2	48.3	53	52	60
50	2	60.3	61	63	70
65	2-1/2	76.1	71	80	92
80	3	88.9	84	94	110
100	4	114.3	110	120	135

RACCORD UNION LISSE MALE
BW/M UNION

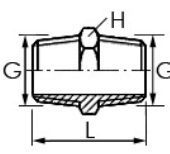
8513



DN	G (mm)	O (mm)	L (mm)	R (mm)	S (mm)
5	1/8	10.2	40	17	21
8	1/4	13.5	40	17	21
12	3/8	17.2	47	21	24
15	1/2	21.3	52	27	30
20	3/4	26.9	59	36	36
25	1	33.7	64	35	46
32	1-1/4	42.4	65	45	55
40	1-1/2	48.3	65	50	60
50	2	60.3	73	60	70
65	2-1/2	76.1	91	80	92
80	3	88.9	108	94	110
100	4	114.3	145	115	135

MAMELON 6 PANS
HEX. NIPPLE

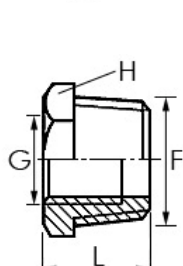
8514



DN	G (mm)	H (mm)	L (mm)
5	1/8	12	25
8	1/4	15	33
12	3/8	20	35
15	1/2	23	42
20	3/4	29	48
25	1	36	52
32	1-1/4	46	58
40	1-1/2	52	58
50	2	63	64
65	2-1/2	80	74
80	3	95	86

REDUCTION M/F
REDUCING BUSHING

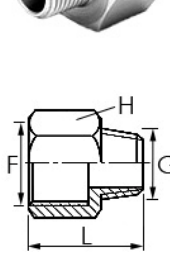
8515



DN	F (mm)	G (mm)	H (mm)	L (mm)
8 / 5	1/4	1/8	14	13
12 / 8	3/8	1/4	19	15
15 / 8	1/2	1/4	23	18
15 / 12	1/2	3/8	23	18
20 / 8	3/4	1/4	27	22
20 / 12	3/4	3/8	27	22
20 / 15	3/4	1/2	27	22
25 / 8	1	1/4	36	23
25 / 12	1	3/8	36	23
25 / 15	1	1/2	36	23
25 / 20	1	3/4	36	23
32 / 20	1-1/4	3/4	46	27
32 / 25	1-1/4	1	46	27
40 / 25	1-1/2	1	50	30
40 / 32	1-1/2	1-1/4	50	30
50 / 15	2	1/2	60	34
50 / 40	2	1-1/2	60	34

REDUCTION F/M
F/M REDUCER

8516



DN	F (mm)	G (mm)	H (mm)	L (mm)
8 / 5	1/4	1/8	17	25
12 / 8	3/8	1/4	21	28
15 / 8	1/2	1/4	24	31
15 / 12	1/2	3/8	24	32
20 / 8	3/4	1/4	30	35
20 / 12	3/4	3/8	30	35
20 / 15	3/4	1/2	30	36
25 / 15	1	1/2	36	39
25 / 20	1	3/4	36	43
32 / 20	1-1/4	3/4	46	46
32 / 25	1-1/4	1	46	49
40 / 25	1-1/2	1	55	49
40 / 32	1-1/2	1-1/4	55	50
50 / 40	2	1-1/4	65	54

ACCESSOIRES RACCORDS INOX 316 L
STAINLESS STEEL 316 L TUBE FITTINGS

REDUCTION F/F REDUCING SOCKET							REDUCTION M/M REDUCING HEX. NIPPLE						
8517							8518						
	DN	F (mm)	G (mm)	A (mm)	B (mm)	L (mm)		DN	F (mm)	G (mm)	H (mm)	L (mm)	
	8 / 5	1/4	1/8	18	14	27		8 / 5	1/4	1/8	14	27	
	12 / 8	3/8	1/4	22	17	30		12 / 8	3/8	1/4	19	30	
	15 / 8	1/2	1/4	25	17	36		15 / 8	1/2	1/4	23	32	
	15 / 12	1/2	3/8	25	21	36		15 / 12	1/2	3/8	23	33	
	20 / 8	3/4	1/4	32	17	38		20 / 8	3/4	1/4	27	37	
	20 / 12	3/4	3/8	32	21	38		20 / 12	3/4	3/8	27	38	
	20 / 15	3/4	1/2	32	27	38		20 / 15	3/4	1/2	27	39	
	25 / 8	1	1/4	40	16	43		25 / 8	1	1/4	36	41	
	25 / 12	1	3/8	40	21	43		25 / 12	1	3/8	36	42	
	25 / 15	1	1/2	40	27	43		25 / 15	1	1/2	36	43	
	25 / 20	1	3/4	40	33	43		25 / 20	1	3/4	36	47	
	32 / 20	1-1/4	3/4	50	33	45		32 / 20	1-1/4	3/4	46	49	
	32 / 25	1-1/4	1	50	42	45		32 / 25	1-1/4	1	46	52	
	40 / 25	1-1/2	1	55	42	50		40 / 25	1-1/2	1	50	52	
40 / 32	1-1/2	1-1/4	55	55	50	40 / 32	1-1/2	1-1/4	50	53			
50 / 32	2	1-1/4	70	55	57	50 / 32	2	1-1/4	60	57			
50 / 40	2	1-1/2	70	60	57	50 / 40	2	1-1/2	60	57			

ADAPTATEUR HEXAGONAL MALE CANNELE MALE HEX. HOSE TAIL							ADAPTATEUR CYLINDRIQUE MALE CANNELE CYLINDRICAL MALE HOSE TAIL						
8520							8521						
	DN	G (mm)	O (mm)	C (mm)	H (mm)	L (mm)		DN	G (mm)	O (mm)	C (mm)	L (mm)	
	5	1/8	7	16	12	33		8	1/4	13.5	16	42	
	8	1/4	9	20	14	40		12	3/8	17.2	20	47	
	12	3/8	11	20	19	46		15	1/2	21.3	20	53	
	15	1/2	15	24	22	51		20	3/4	26.9	20	57	
	20	3/4	20	28	27	58		25	1	33.7	28	65	
	25	1	27	28	36	65		32	1-1/4	42.4	32	68	
	32	1-1/4	34	36	46	72		40	1-1/2	48.3	32	74	
	40	1-1/2	40	40	50	84		50	2	60.3	36	82	
	50	2	52	50	65	100		65	2-1/2	76.1	50	104	
								80	3	88.9	60	130	
						100	4	114.3	68	154			

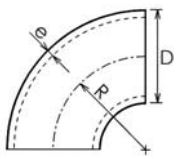
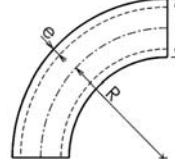
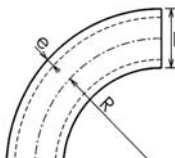
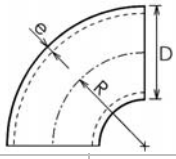
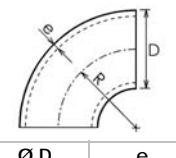
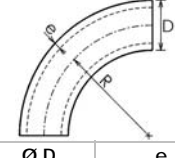
ADAPTATEUR LISSE CANNELE BW HOSE TAIL					BOBINE CYLINDRIQUE LISSE NIPPLE					
8522					8530-L					
	DN	O (mm)	C (mm)	L (mm)		DN	G (mm)	L (mm)	L (mm)	L (mm)
	5	10.2	16	30		5	1/8	100	150	200
	8	13.5	16	30		8	1/4	100	150	200
	12	17.2	20	35		12	3/8	100	150	200
	15	21.3	20	40		15	1/2	100	150	200
	20	26.9	20	40		20	3/4	100	150	200
	25	33.7	28	45		25	1	100	150	200
	32	42.4	32	55		32	1-1/4	100	150	200
	40	48.3	32	55		40	1-1/2	100	150	200
	50	60.3	36	60		50	2	100	150	200
	65	76.1	50	80		65	2-1/2	100	150	200
	80	88.9	60	100		80	3	100	150	200
100	114.3	66	120	100	4	100	150	200		

RACCORDS UNION A JOINT CONIQUE PTFE UNION WITH PTFE CONICAL SEAL			8529 / 8532 / 8533		
<p>Raccord union à joint conique PTFE LISSE / LISSE : réf. 8529 dimensions : cf. réf. 8509 <i>BW / BW union : ref. 8529</i> dimensions : refer to ref. 8509</p>	<p>Raccord union à joint conique PTFE LISSE / FEMELLE : réf. 8532 dimensions : cf. réf. 8512 <i>BW / F union : ref. 8532</i> dimensions : refer to ref. 8512</p>	<p>Raccord union à joint conique PTFE LISSE / MÂLE : réf. 8533 dimensions : cf. réf. 8513 <i>BW / M union ref. 8533</i> dimensions : refer to ref. 8513</p>			

RACCORDS INOX A SOUDER : COUDES 90° ISO / MÉTRIQUES / GAZ

STAINLESS STEEL BW FITTINGS : 90° ELBOWS ISO / METRIC / GAS

● standard x disponible sur demande

 COUDES 90° ISO modèle "3D" (ISO 5251) 316 L (autres nuances sur demande) 90° ELBOWS ISO								 COUDES 90° ISO modèle "5D" (ISO 5251) 316 L (autres nuances sur demande) 90° ELBOWS ISO																															
8550 soudé welded				8551 sans soudure seamless				8555 soudé welded				8556 Variante sans soudure, APD Seamless, long = 1.5D																											
Ø D	R	e = 1.6	e = 2	e = 2.9	e = 4	e = 1.6	e = 2	Ø D	R	e = 1.6	e = 2	e = 1.6	e = 2																										
13.5	20	●				x		13.5		●																													
17.2	25	●				x		17.2	30	●		x																											
21.3	28/38	●	x			x	x	21.3	45	●	x	x	x																										
26.9	29	●	x			x	x	26.9	57	●	x	x	x																										
33.7	38	●	x			x	x	33.7	72	x	●	x	x																										
42.4	48	●	x			x	x	42.4	92	x	●	x	x																										
48.3	57	●	x			x	x	48.3	109	x	●	x	x																										
60.3	76		●	x		x	x	60.3	137		●		x																										
76.1	95		●	x		x	x	76.1	175		●		x*																										
88.9	114		●	x			x	88.9	207		●		x*																										
114.3	152		●	x				114.3	270		●		x*																										
139.7	190		●	x				* sans partie droite - without right part																															
168.3	229		●	x				 COUDES A 90° METRIQUES grands rayons R = 2d, 3d ou 3D (d : Ø int. réel) 90° ELBOWS METRIC																															
219.1	305		●	x	x									8557 soudé / welded		8558 sans soudure / seamless																							
273	381		x	x	x									Ø D	R = 2d ou R = 3d	e = 1.5	e = 2	e = 3	R = 3D	e = 1.5	e = 2																		
323.9	457		x	x	x									23	60	x																							
406.4	609			x	x									25	65	x																							
457.2	686				x									28	80	x																							
508	762				x									33	90	x																							
610	914				x									38	105	x																							
 COUDES A 90° METRIQUES petits rayons R = 1.5d (d : Ø intérieur réel) 90° ELBOWS METRIC														** R = 2D																									
																						8552 soudé / welded				8553 sans soudure / seamless				43	120	x							
								23	30	x												x		44.5	120		x												
								25	37	x	x												x	53	150	x													
								28	37	x												x		54	150		x												
								33	45	x												x		64	180														
								38	52	x	x											x	x	70	130**		x												
								43	60	x												x	x	74	140**														
								53	75	x												x	x	84	160**		x												
								54	75		x												x	104	200**		x	x											
64	90		x				x	154	300**		x																												
70	95		x					156	300**			x																											
74	95							204	400**		x	x																											
84	120		x					206	400**			x																											
104	150		x					COUDES A 90° SERIE GAZ sans soudure - chanfrein 37° - passivés 90° ELBOWS GAS																															
129	188		x													8559 PR Petits rayons (SPD)		8559 GR Grands rayons (SPD)																					
154	225		x													Ø D	e	R	3D	R	5D																		
156	225				x											13.5	2.3	20	x																				
204	300		x													17.2	2.3	25		30	x																		
206	300				x											21.3	2.6	28/38	x	45	x																		
 COUDES A 90° SERIE GAZ soudés - chanfrein 37° - passivés 90° ELBOWS GAS																 COUDES A 90° SERIE GAZ sans soudure - chanfrein 37° - passivés 90° ELBOWS GAS																							
																								8554 PR Petits rayons (SPD)				8554 GR Grands rayons (SPD)				8559 PR Petits rayons (SPD)				8559 GR Grands rayons (SPD)			
																								13.5	2.3	20						13.5	2.3	20	x				
																								17.2	2.3	25				30		17.2	2.3	25	x	30	x		
								21.3	2.6	28/38	x			45	x									21.3	2.6	28/38	x	45	x										
								26.9	2.6	29	x			57	x									26.9	2.6	29	x	57	x										
								33.7	3.2	38	x			72	x									33.7	3.2	38	x	72	x										
								42.4	3.2	48	x			93	x									42.4	3.2	48	x	93	x										
								48.3	3.2	57	x			108	x									48.3	3.2	57	x	108	x										
								60.3	3.6	76	x			135	x									60.3	3.6	76	x	135	x										
76.1	3.6	95	x			175	x	76.1	3.6	95	x	175	x																										
88.9	4.0	114	x			205	x	88.9	4.0	114	x	205	x																										
101.6	4.0	133						101.6	4.0	133	x																												
114.3	4.5	152				270		114.3	4.5	152	x	270	x																										

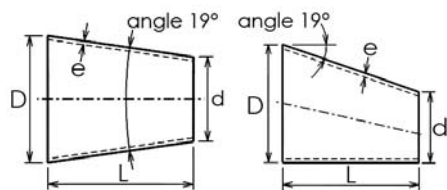
RACCORDS INOX A SOUDER : RÉDUCTIONS ISO / MÉTRIQUES - TES ISO - FONDS EMBOUTIS

STAINLESS STEEL FITTINGS : ISO / METRIC REDUCERS - ISO TEES - PRESSED CAPS

REDUCTIONS CONCENTRIQUES OU EXCENTRIQUES ISO / METRIQUES

CONCENTRIC OR ECCENTRIC REDUCERS ISO / METRIC

8580



Soudé ou sans soudure

Welded or seamless

Matière : inox 316 L
(autres nuances sur demande)

Material : 316 L
(other materials on request)

Épaisseur : 2 mm
(autres épaisseurs sur demande)

Thickness : 2 mm
(other thickness on request)

D (mm) x d (mm)	L (mm)	D (mm) x d (mm)	L (mm)	D (mm) x d (mm)	L (mm)	D (mm) x d (mm)	L (mm)	D (mm) x d (mm)	L (mm)
17.2 x 13.5	11	60.3 x 26.9	100	114.3 x 76.1	115	254.0 x 104	450	355.6 x 273	248
21.3 x 13.7	23	60.3 x 33.7	80	114.3 x 88.9	76	254.0 x 129	375	355.6 x 323.9	95
21.3 x 17.2	12	60.3 x 42.4	54	129.0 x 84	135	254.0 x 154	300	406.4 x 219.1	562
26.9 x 13.7	40	60.3 x 48.3	36	129.0 x 104	75	254.0 x 204	150	406.4 x 273	400
26.9 x 17.2	29	64.0 x 44.5	90	139.7 x 60.3	238	273.0 x 114.3	476	406.4 x 323.9	248
26.9 x 21.3	17	64.0 x 44.5	60	139.7 x 76.1	191	273.0 x 139.7	400	406.4 x 355.6	152
33.7 x 13.5	60	64.0 x 54	30	139.7 x 88.9	152	273.0 x 168.3	314	457.2 x 219.1	714
33.7 x 17.2	49	76.1 x 33.7	127	139.7 x 114.3	76	273.0 x 219.1	161	457.2 x 273	553
33.7 x 21.3	37	76.1 x 42.4	101	154.0 x 84	210	304.0 x 104	600	457.2 x 323.9	400
33.7 x 26.9	20	76.1 x 48.3	83	154.0 x 104	150	304.0 x 129	525	457.2 x 355.6	305
42.4 x 13.5	-	76.1 x 60.3	47	154.0 x 129	75	304.0 x 154	450	457.2 x 406.4	152
42.4 x 17.2	75	84.0 x 44.5	120	168.3 x 60.3	324	304.0 x 204	300	508.0 x 273	705
42.4 x 21.3	63	84.0 x 54	90	168.3 x 76.1	276	304.0 x 254	150	508.0 x 323.9	552
42.4 x 26.9	46	88.9 x 33.7	166	168.3 x 88.9	238	323.9 x 114.3	629	508.0 x 355.6	457
42.4 x 33.7	26	88.9 x 42.4	139	168.3 x 114.3	162	323.9 x 139.7	553	508.0 x 406.4	305
48.3 x 21.3	81	88.9 x 48.3	122	168.3 x 139.7	86	323.9 x 168.3	467	508.0 x 457.2	152
48.3 x 26.9	90	88.9 x 60.3	86	204.0 x 84	360	323.9 x 219.1	312	609.6 x 323.9	857
48.3 x 33.7	64	88.9 x 76.1	38	204.0 x 104	300	323.9 x 273	152	609.6 x 355.6	762
48.3 x 42.4	75	104.0 x 54	150	204.0 x 129	225	354.0 x 154	600	609.6 x 406.4	610
54.0 x 24	44	104.0 x 84	60	204.0 x 154	150	354.0 x 204	450	609.6 x 457.2	457
54.0 x 29	60	114.3 x 26.9	262	219.1 x 88.9	391	354.0 x 254	300	609.6 x 508	305
54.0 x 34	18	114.3 x 33.7	242	219.1 x 114.3	315	354.0 x 304	150		
54.0 x 44.5	30	114.3 x 48.3	198	219.1 x 139.7	238	355.6 x 168.3	562		
60.3 x 21.3	117	114.3 x 60.3	162	219.1 x 168.3	152	355.6 x 219.1	410		

TES ISO

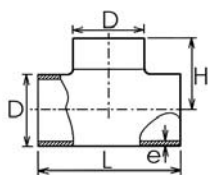
ISO TEES

8561

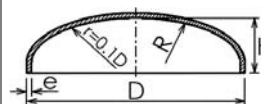
FOND EMBOUTI

PRESSED CAP

8570



- sans manchette : réf. **8561**
- avec manchette : réf. **8560**
- avec collerette : réf. **8562**
- short branch : ref. 8561
- long branch : ref. 8560
- with neck : ref. 8562



Pour tubes minces et épais
For thin and thick tubes

D (mm) x e (mm)	L (mm)	H (mm) 8561	H (mm) 8560	DN	D (mm)	e (mm)	H (mm)	R (mm)	r (mm)
21.3 x 1.6	51	12	25.5	10	17.2	2	10	17	2
26.9 x 1.6	57	15	28.5	15	21.3	2	11	14	3
33.7 x 2	76	19	38	20	26.9	2	13.5	19	5
42.4 x 2	95	23	47.5	25	33.7	2	16	24	5
48.3 x 2	114	26	57	32	42.4	2	17	35	6
60.3 x 2	127	33	63.5	40	48.3	2	20	36	7
76.1 x 2	152	41	76	50	60.3	2	24	46	9
88.9 x 2	171	47	83.5	65	76.1	2.9	30	55	11
88.9 x 2.9	171	47	83.5	80	88.9	2.9	33	69	13
114.3 x 2	210	61	105	100	114.3	2.9	41	90	17
114.3 x 2.9	210	61	105	125	139.7	2.9	46	115	22
139.7 x 2	248	74	124	150	168.3	2.9	53	135	26
139.7 x 2.9	248	74	124	200	219.1	2.9	66	178	34
168.3 x 2	286	89	143	250	273.0	2.9	82	223	43
168.3 x 2.9	286	89	143	300	323.9	2.9	95	267	51
219.1 x 2	356	116	178	350	355.6	2.9	106	-	-
219.1 x 2.9	356	116	178	400	406.4	2.9	110	-	-
273.0 x 2.9	432	148	216	500	406.4	2.9	125	-	-
				600	508	2.9	-	-	-

RACCORDS ACIER A EXTREMITES FILETES PAS DU GAZ - SERIE 100 BAR
CARBON STEEL FITTINGS, BSP SCREWED ENDS - SERIES 100 BAR

- **Matériau** : acier
 - **Finition** : noir
[sur demande galvanisation à chaud ou galvanisation électrolytique]
 - **Dimensions** : 8/13 à 50/60
 - **Variante** : série 250 bar
- *Material* : steel
 - *Finishing* : black phosphatized
[on request hot dip galvanised or electro-plated]
 - *Dimensions* : 1/4" to 2"
 - *Alternate* : class 250 bar

	Coude 45° <i>45° elbow</i>	7041			
	Coude 90° <i>90° elbow</i>	7090		Coude 90° M/F <i>90° street elbow</i>	7092
	Té égal <i>Equal tee</i>	7130		Croix <i>Cross</i>	7180
	Réduction F/F <i>F/F reducing coupling</i>	7240		Réduction hexagonale M/F <i>Reducing bushing</i>	7241
	Réduction hexagonale M/M <i>Reducing hex. nipple</i>	7245		Réduction F/M <i>F/M reducing socket</i>	7246
	Manchon F/F <i>Socket</i>	7270		Mamelon hexagonal M/M <i>Hexagonal nipple</i>	7280
	Bouchon à tête hex. mâle <i>Hexagonal head plug</i>	7290		Bouchon femelle <i>Cap</i>	7300
	Raccord union F/F <i>F/F union taper seat</i>	7340		Raccord union M/F <i>M/F union taper seat</i>	7341

RACCORDS ACIER A EXTREMITES FILETES NPT - SÉRIE 3000 LBS (210 BAR)
CARBON STEEL FITTINGS WITH SCREWED ENDS NPT - CLASS 3000 LBS (210 BAR)



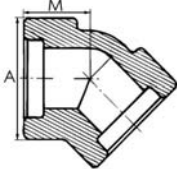
8041 NPT COUDE 45° 45° ELBOW			8090 NPT COUDE 90° 90° ELBOW			8092 NPT COUDE M/F STREET ELBOW			8130 NPT TE EGAL EQUAL TEE			8180 NPT CROIX CROSS					
DN	C (mm)	H (mm)	DN	A (mm)	H (mm)	DN	M (mm)	N (mm)	DN	A (mm)	H (mm)	DN	A (mm)	H (mm)			
1/4	19	25	1/4	25	25	1/4	24.6	32	1/4	25	25	1/4	25	25			
3/8	22	33	3/8	29	33	3/8	30	39	3/8	29	33	3/8	29	33			
1/2	25	38	1/2	33	38	1/2	33.5	44	1/2	33	38	1/2	33	38			
3/4	29	46	3/4	38	46	3/4	38	49	3/4	38	46	3/4	38	46			
1	33	56	1	44	56	1	46.5	59	1	44	56	1	44	56			
1-1/4	35	62	1-1/4	51	62	1-1/4	53	65	1-1/4	51	62	1-1/4	51	62			
1-1/2	43	75	1-1/2	60	75	1-1/2	62	75	1-1/2	60	75	1-1/2	60	75			
2	45	84	2	64	84	2	68	82.5	2	64	84	2	64	84			
8240 NPT REDUCTION F/F REDUCING COUPLING			8241 NPT REDUCTION HEX. M/F M/F RED. BUSHING			8245 NPT REDUCTION HEX. M/M RED. HEX NIPPLE			8246 NPT REDUCTION F/M F/M REDUCING COUPLING			8270 NPT MANCHON F/F COUPLING			8271 NPT DEMI-MANCHON F/F HALF-COUPLING		
DN	D	L	DN	F	A	DN	H	L	DN	D	L	DN	D	L	DN	D	L
3/8 x 1/4	22	38	3/8 x 1/4	17.5	12.5	1/4 x 1/8	15	31	3/8 x 1/4	22	42	1/4	19	35	1/4	19	17.5
1/2 x 3/8	28	48	1/2 x 3/8	22	14.5	3/8 x 1/4	18	39	1/2 x 3/8	28	49	3/8	22	38	3/8	22	19
1/2 x 1/4	28	48	1/2 x 1/4	22	14.5	1/2 x 1/4	22	43	1/2 x 1/4	28	49	1/2	29	48	1/2	29	24
3/4 x 1/4	35	51	3/4 x 1/4	27	16	1/2 x 3/8	22	44	3/4 x 1/2	35	59	3/4	35	51	3/4	35	25.5
3/4 x 1/2	35	51	3/4 x 1/2	27	16	3/4 x 3/8	27	46	1 x 1/4	45	60	1	44	60	1	44	30
1 x 3/4	44	60	1 x 3/4	35	19	3/4 x 1/2	27	50	1 x 1/2	45	61	1-1/4	57	67	1-1/4	57	33.5
1 x 1/2	44	60	1 x 1/2	35	19	1 x 1/2	35	55	1 x 3/4	45	63	1-1/2	64	79	1-1/2	64	39.5
1 x 1/4	44	60	1 x 1/4	35	19	1 x 3/4	35	56	1 1/4 x 1	60	68	2	76	86			
1 1/4 x 1	57	67	1 1/4 x 1	44.5	20.5	1 1/2 x 1/2	50	62	1 1/2 x 1/2	65	67						
1 1/2 x 1	64	79	1 1/2 x 1	51	20.5	1 1/2 x 3/4	50	63	1 1/2 x 3/4	65	67						
1 1/2 x 3/4	64	79	1 1/2 x 3/4	51	20.5	1 1/2 x 1	50	67	1 1/2 x 1	65	72						
1 1/2 x 1/2	64	79	1 1/2 x 1/2	51	20.5	2 x 1/2	62	65	2 x 1/2	76	70						
2 x 1/2	76	86	2 x 1/2	63.5	22	2 x 3/4	62	65	2 x 1	76	75						
2 x 1	76	86	2 x 1	63.5	22	2 x 1	62	70	2 1/2 x 2	95	92						
2 1/2 x 2	91	92	2 1/2 x 2	76	27	2 x 1 1/2	62	70	3 x 2	110	95						
3 x 2	108	108	3 x 2	89	28.5				4 x 2	140	100						
4 x 2	140	121	4 x 2	117.5	32				4 x 3	140	113						
8280 NPT MAMELON HEX. M/M HEX. NIPPLE			8290 NPT BOUCHON TETE HEX. M HEX. HEAD PLUG			8300 NPT BOUCHON F CAP			8340 NPT RACCORD UNION F/F F/F UNION TAPER SEAT			8341 NPT RACCORD UNION M/F M/F UNION TAPER SEAT			SUR DEMANDE ON REQUEST		
DN	H	L	DN	A	F	DN	D	L	DN	Q	R	DN	Q	R			
1/4	15	36	1/4	11	16	1/4	19	25	1/4	42.5	36	1/4	61	32			
3/8	18	40	3/8	12.5	17.5	3/8	22	25	3/8	47.5	41	3/8	69	38			
1/2	22	48	1/2	14.5	22	1/2	29	32	1/2	52	46	1/2	75	46			
3/4	27	52	3/4	16	27	3/4	35	37	3/4	57	56	3/4	80	56			
1	35	60	1	19	35	1	44	41	1	63	65	1	90	65			
1-1/4	46	64	1-1/4	20.5	44.5	1-1/4	57	44	1-1/4	68	80	1-1/4	98	80			
1-1/2	50	68	1-1/2	20.5	51	1-1/2	64	44	1-1/2	78	88	1-1/2	100	88			
2	62	71	2	22	63.5	2	76	48	2	91	105	2	120	105			

- Coude union M/F
- Coude union F/F
- Raccord union M/M
- M/F union elbow
- F/F union elbow
- M/M union taper seat

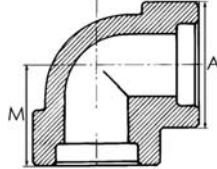
RACCORDS ACIER A EXTREMITES A SOUDER SW - SERIE 3000 LBS (210 BAR)
CARBON STEEL FITTINGS WITH SOCKET WELDING ENDS - CLASS 3000 LBS (210 BAR)



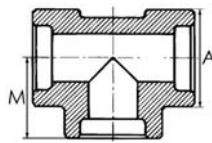
8041 SW
COUDE 45° F/F
45° ELBOW



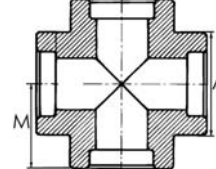
8090 SW
COUDE 90° F/F
90° ELBOW



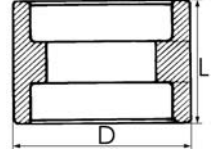
8130 SW
TE EGAL
EQUAL TEE



8180 SW
CROIX
CROSS



8270 SW
MANCHON F/F
COUPLING



DN	A (mm)	M (mm)
1/4	22	19
3/8	25	19
1/2	31	23
3/4	36	27
1	45	28
1-1/4	55	31
1-1/2	60	35
2	75	42

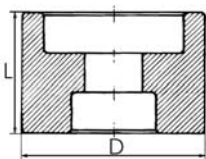
DN	A (mm)	M (mm)
1/4	22	22
3/8	25	25
1/2	31	27
3/4	36	34
1	45	36
1-1/4	55	41
1-1/2	60	46
2	75	56

DN	A (mm)	M (mm)
1/4	22	22
3/8	25	25
1/2	31	27
3/4	36	34
1	45	36
1-1/4	55	41
1-1/2	60	46
2	75	56

DN	A (mm)	M (mm)
1/4	22	22
3/8	25	25
1/2	31	27
3/4	36	34
1	45	36
1-1/4	55	41
1-1/2	60	46
2	75	56

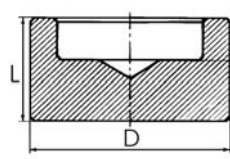
DN	D (mm)	L (mm)
1/4	22	26
3/8	25	26
1/2	31	29
3/4	36	34
1	45	37
1-1/4	55	38
1-1/2	60	38
2	75	51

8240 SW
REDUCTION F/F
REDUCING COUPLING



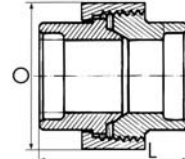
DN	D (mm)	L (mm)
1/4 x 1/8	-	-
3/8 x 1/4	25	25
1/2 x 1/4	31	29
1/2 x 3/8	31	29
3/4 x 1/4	36	35
3/4 x 3/8	36	35
3/4 x 1/2	36	35
1 x 1/2	45	38
1 x 3/4	45	38
1 1/4 x 3/4	55	38
1 1/4 x 1	55	38
1 1/2 x 1	60	38
1 1/2 x 1 1/4	60	38
2 x 1	-	-

8300 SW
BOUCHON FEMELLE
CAP



DN	D (mm)	L (mm)
1/4	22	15
3/8	26	17
1/2	32	19
3/4	38	23
1	45	26
1-1/4	55	28
1-1/2	65	30
2	75	36

8340 SW
RACCORD UNION F/F
F/F UNION TAPER SEAT



DN	L (mm)	O (mm)
1/4	42.5	36
3/8	47.5	47
1/2	52	47
3/4	57	56
1	63	65
1-1/4	70	78
1-1/2	78	86
2	89	103

Ces raccords sont exécutés selon les normes américaines ANSI B 16.11.1973 :

- soit avec filetage suivant la norme pour tube [NPT] ANSI B.2.1 ;
- soit avec des extrémités à souder [SW].

Matériau : acier au carbone (ASTM A 105)
 Certificat de réception EN 10204 type 3.1 sur demande
Autres matières sur demande :
 A 182, F 304 L, F 316 L, F 5, F 22, F 11, etc.

Variante : série 6000 lbs
 (pression d'utilisation de 6000 lbs à 37,8°C)

These fittings are manufactured according to the American specifications ANSI B 16.11.1973 :

- either with the specified thread for piping [NPT] ANSI B.2.1 ;
- or with socket welding ends [SW].

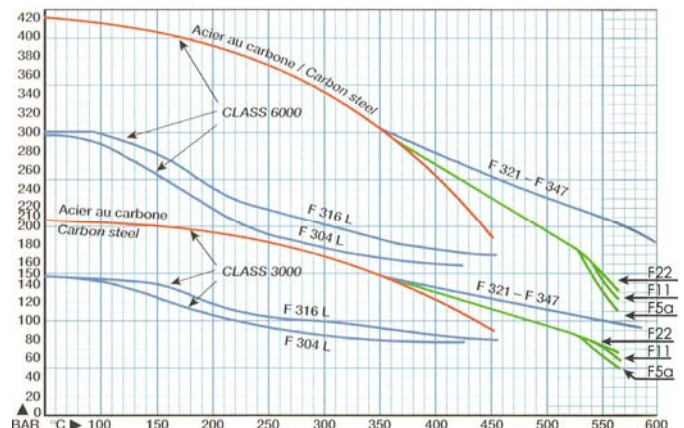
*Material : carbon steel (ASTM A 105)
 Inspection certificate EN 10204 3.1 type on request
 Other materials on request :
 A 182, F 304 L, F 316 L, F 5, F 22, F 11, etc.*

*Alternate : class 6000 lbs
 (working pressure : 6000 lbs at 37,8°C)*

Pressions et températures de service suivant ASME B16.11
Pressure & temperature ratings according to ASME B16.11

- Acier au carbone A 48 CP - Carbon steel ASTM A 105
- Acier au carbone molybdène Z 10 CD 5-05 - Alloy steel ASTM A 182 F 5a
- Acier au chrome molybdène 10 CD 9-10 - Alloy steel ASTM A 182 F 22
- Acier au chrome molybdène 15 CD 4-05 - Alloy steel ASTM A 182 F 11
- Acier inoxydable Z 2 CN 18-10 - S. steel low carbon ASTM A 182 F 304 L
- Acier inoxydable Z 2 CN 17-12 - S. steel carbon ASTM A 182 F 316 L
- Acier inoxydable Z 6 CN Nb 18-10 - S. steel ASTM A 182 F 347
- Acier inoxydable Z 6 CNT 18-10 - S. steel ASTM A 182 F 321

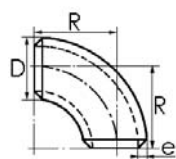
Conditions de service valables pour travail sans coup de bélier
 Pressure ratings indicate non-shock working pressure of the fitting



RACCORDS ACIER A SOUDER CARBON STEEL BW FITTINGS

COUDE A SOUDER 3D 90° - BW ELBOW

9503



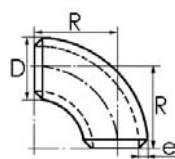
NFA 49 186 (≈ DIN 2605)

- Finition galva. sur demande
- Variantes coudes 2D 90°, 3D 45° et 3D 180°
- Galvanized finish on request
- 2D 90°, 3D 45° & 3D 180° types available

ØD (mm)	e (mm)	R (mm)	Poids (kg)	ØD (mm)	e (mm)	R (mm)	Poids (kg)
21.3	2.0	28	0.04	168.3	4.5	229	6.5
26.9	2.3	29	0.06	219.1	6.3	305	15.8
33.7	2.6	38	0.12	273	6.3	381	24.8
42.4	2.6	48	0.19	323.9	7.1	457	39.8
48.3	2.6	57	0.26	355.6	8.0	533	57.5
60.3	2.9	76	0.49	406.4	8.8	610	82.6
76.1	2.9	95	0.78	457.2	10	686	119
88.9	3.2	114	1.22	508	11	762	161
114.3	3.6	152	2.36	610	12.5	914	-
139.7	4.0	190	4.0				

COUDE A SOUDER 5D 90° - BW ELBOW

9505



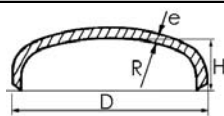
NFA 49 186 (≈ DIN 2606)

- Finition galva. sur demande
- Variantes coudes 5D 45° et 5D 180°
- Galvanized finish on request
- 5D 45° & 5D 180° types available

ØD (mm)	e (mm)	R (mm)	Poids (kg)	ØD (mm)	e (mm)	R (mm)	Poids (kg)
21.3	2.0	42.5	0.07	168.3	4.5	390	11.1
26.9	2.3	57.5	0.13	219.1	6.3	510	26.5
33.7	2.6	72.5	0.23	273	6.3	650	42.3
42.4	2.6	92.5	0.37	323.9	7.1	775	67.5
48.3	2.6	107.5	0.50	355.6	8.0	850	91.6
60.3	2.9	135	0.87	406.4	8.8	970	132.0
76.1	2.9	175	1.44	457.2	10	1122	194.0
88.9	3.2	205	2.18	508	11	1245	264.0
114.3	3.6	270	4.17	610	12.5	1525	-
139.7	4.0	330	6.94				

FOND EMBOUTI - CAP

9510



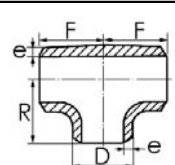
NFA 49 185 (≈ DIN 2617)

- Pour tube en acier
- For steel tube

ØD (mm)	e (mm)	H (mm)	Poids (kg)	ØD (mm)	e (mm)	H (mm)	Poids (kg)
26.9	2.0	-	-	139.7	4.0	35.5	0.80
33.7	2.3	11	0.03	168.3	4.5	44.5	1.40
42.4	2.6	11	0.04	219.1	6.3	68.5	2.90
48.3	2.6	11.5	0.05	273.0	6.3	90	5.40
60.3	2.9	16.5	0.10	323.9	7.1	99	7.30
76.1	2.9	18.5	0.16	355.6	8.0	106	9.80
88.9	3.2	23.0	0.24	406.4	8.8	125	14.5
114.3	3.6	26.0	0.42	419.0	10.0	128	17.0

TE EGAL - EQUAL TEE

9515



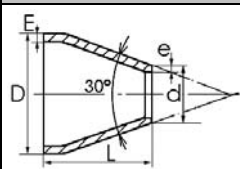
NFA 49 281 (≈ DIN 2615)

- Finition galva sur demande
- Galvanized finish on request

ØD (mm)	e (mm)	F (mm)	Poids (kg)	ØD (mm)	e (mm)	F (mm)	Poids (kg)
26.9	2.3	29	0.15	88.9	3.2	86	2.2
33.7	2.3	38	0.25	101.6	5.6	95	-
42.4	2.6	48	0.47	114.3	3.6	105	4.3
48.3	2.6	57	0.68	139.7	4.0	124	6.2
60.3	2.9	64	1.1	168.3	4.5	143	9.0
76.1	2.9	76	1.5	219.1	6.3	178	9.7

REDUCTION CONCENTRIQUE - CONCENTRIC REDUCER

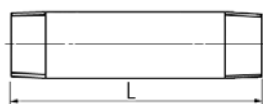
9520

NFA 49 186
(≈ DIN 2616)

D x d (mm)	E x e (mm)	L (mm)	Pds (kg)	D x d (mm)	E x e (mm)	L (mm)	Pds (kg)
76.1 x 42.4	2.9 x 2.6	95	0.50	168.3 x 114.3	4.5 x 3.6	141	2.7
76.1 x 48.3	2.9 x 2.6	84	0.45	168.3 x 139.7	4.5 x 4.0	94	-
76.1 x 60.3	2.9 x 2.9	63	0.34	219.1 x 114.3	5.9 x 3.6	210	6.6
88.9 x 48.3	3.2 x 2.6	108	0.75	219.1 x 139.7	5.9 x 4.0	170	-
88.9 x 60.3	3.2 x 2.9	86	0.59	219.1 x 168.3	5.9 x 4.5	130	4.1
88.9 x 76.1	3.2 x 2.9	56	0.39	273.0 x 168.3	6.3 x 4.5	220	9.1
114.3 x 60.3	3.6 x 2.9	143	-	273.0 x 219.1	6.3 x 5.9	130	5.4
114.3 x 76.1	3.6 x 2.9	114	1.2	323.9 x 219.1	7.1 x 5.9	215	11.8
114.3 x 88.9	3.6 x 3.2	90	0.9	323.9 x 273	7.1 x 6.3	130	7.1
133.0 x 76.1	4.0 x 2.9	147	1.9	355.6 x 168.3	8.0 x 4.5	335	23.0
133.0 x 88.9	4.0 x 3.2	122	1.6	355.6 x 219.1	8.0 x 5.9	255	17.5
139.7 x 76.1	4.0 x 2.9	159	2.4	355.6 x 273	8.0 x 6.3	175	12.0
139.7 x 88.9	4.0 x 3.2	135	-	406.4 x 219.1	8.8 x 5.9	330	28.3
139.7 x 114.3	4.0 x 3.6	88	-	406.4 x 273	8.8 x 6.3	250	21.5
168.3 x 88.9	4.5 x 3.2	189	3.6	406.4 x 323.9	8.8 x 7.1	175	15.0

BOBINES ACIER - BARREL NIPPLES

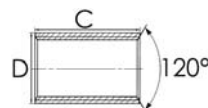
9530



DN	Ø ext. tube	Référence :	9530 - 100	9530 - 150	9530 - 200
		L = 100 mm	L = 150 mm	L = 200 mm	
08 / 13	13.5	x	x	x	
12 / 17	17.2	x	x	x	
15 / 21	21.3	x	x	x	
20 / 27	26.9	x	x	x	
26 / 34	33.7	x	x	x	
33 / 42	42.4	x	x	x	
40 / 49	48.3	x	x	x	
50 / 60	60.3	x	x	x	
66 / 76	76.1	x	x	x	
80 / 90	88.9	x	x	x	
102 / 114	114.3	x	x	x	

MANCHON ACIER - COUPLING

9533



NFA 49-190

DN	Ø ext. tube	D (mm)	C (mm)
05 / 10	10.2	14	17
08 / 13	13.5	18.5	25
12 / 17	17.2	21.2	26
15 / 21	21.3	26.4	34
20 / 27	26.9	31.8	36
26 / 34	33.7	39.5	43
33 / 42	42.4	48.3	48
40 / 49	48.3	54.5	48
50 / 60	60.3	66.3	56
66 / 76	76.1	82	65
80 / 90	88.9	95	71
102 / 114	114.3	122	83

RACCORDS ACIER A SOUDER - ASME B 16.9
CARBON STEEL BW FITTINGS - ASME B 16.9

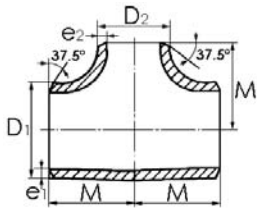
9802 COUDES 45° LONG RAYON 45° LR ELBOWS		DN	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5
		D (mm)	21.3	26.7	33.5	42.2	48.3	60.4	73.1	88.9	101.6	114.3	141.2
STD	A (mm)	38.1	28.6	38.1	47.6	57.1	76.2	95.2	114.3	133.4	152.4	190.5	
	e (mm)	2.8	2.95	3.4	3.55	3.70	3.90	5.20	5.45	5.7	5.95	6.45	
	Poids (kg)	0.04	0.04	0.11	0.17	0.23	0.37	0.74	1.10	1.49	1.95	3.31	
XS	e (mm)	3.65	3.95	4.55	4.85	5.10	5.55	7.10	7.60	8.15	8.50	9.50	
	Poids (kg)	0.05	0.05	0.14	0.22	0.30	0.49	0.95	1.47	2.01	2.66	4.63	
STD	DN	6	8	10	12	14	16	18	20	22	24	26	
	D (mm)	168.4	219.2	273.0	323.8	355.6	406.4	457.2	508.0	558.8	609.6	660	
	A (mm)	228.5	304.8	381.0	457.2	533.4	609.4	685.8	762.0	838.2	914.4	991	
XS	e (mm)	7.10	8.25	9.25	9.50	9.55	9.55	9.55	9.55	9.55	9.55	9.55	
	Poids (kg)	5.13	10.3	18.3	27.0	34.7	45.4	58.1	71.7	87.1	103.9	122.3	
	e (mm)	11.05	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	
	Poids (kg)	7.57	15.4	24.4	35.5	45.4	59.9	76.2	94.3	114.8	137.0	161.7	
9803 COUDES 90° LONG RAYON 90° LR ELBOWS	DN	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	
	D (mm)	21.3	26.7	33.5	42.2	48.3	60.4	73.1	88.9	101.6	114.3	141.2	
	A (mm)	38.1	28.6	38.1	47.6	57.1	76.2	95.2	114.3	133.4	152.4	190.5	
STD	e (mm)	2.8	2.95	3.4	3.55	3.70	3.90	5.20	5.45	5.7	5.95	6.45	
	Poids (kg)	0.08	0.08	0.15	0.26	0.38	0.68	1.33	2.08	2.92	3.95	6.67	
	e (mm)	3.65	3.95	4.55	4.85	5.10	5.55	7.10	7.60	8.15	8.50	9.50	
XS	Poids (kg)	0.10	0.10	0.195	0.34	0.481	0.907	1.73	2.78	3.96	5.40	9.34	
STD	DN	6	8	10	12	14	16	18	20	22	24	26	
	D (mm)	168.4	219.2	273.0	323.8	355.6	406.4	457.2	508.0	558.8	609.6	660	
	A (mm)	228.5	304.8	381.0	457.2	533.4	609.4	685.8	762.0	838.2	914.4	991	
XS	e (mm)	7.10	8.25	9.25	9.50	9.55	9.55	9.55	9.55	9.55	9.55	9.55	
	Poids (kg)	10.4	20.9	37.0	54.0	69.9	91.2	116.1	143.8	174.6	207.7	244.5	
	e (mm)	11.05	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	
	Poids (kg)	15.5	31.3	49.4	71.2	91.6	120.2	153.3	190.1	230.4	274.9	323.4	
9804 COUDES 180° COURT RAYON 180° SR ELBOWS	DN	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	
	D (mm)			33.5	42.2	48.3	60.4	73.1	88.9	101.6	114.3	141.2	
	O (mm)			50.8	63.5	76.2	101.6	127.0	152.4	177.8	203.2	254.0	
STD	e (mm)			3.4	3.55	3.70	3.90	5.20	5.45	5.7	5.95	6.45	
	Poids (kg)			0.21	0.35	0.50	0.90	1.78	2.78	3.90	5.26	8.94	
	e (mm)			-	-	5.10	5.55	7.10	7.60	8.15	8.50	9.50	
XS	Poids (kg)			-	-	0.66	1.23	2.32	3.72	5.31	7.30	12.6	
STD	DN	6	8	10	12	14	16	18	20	22	24		
	D (mm)	168.4	219.2	273.0	323.8	355.6	406.4	457.2	508.0	558.8	609.6		
	O (mm)	304.8	406.4	508.0	609.6	711.2	812.8	914.4	1016.0	-	1219.2		
XS	e (mm)	7.10	8.25	9.25	9.50	9.55	9.55	9.55	9.55	-	9.55		
	Poids (kg)	13.9	27.9	49.4	72.6	93.0	122.5	155.1	192.3	-	277.6		
	e (mm)	11.05	12.70	12.70	12.70	12.70	12.70	12.70	12.70	-	12.70		
	Poids (kg)	20.7	42.0	66.7	95.3	122.9	161.0	204.6	254.0	-	367.4		
9810 FONDS CAPS	DN	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	
	D (mm)	21.3	26.7	33.5	42.2	48.3	60.4	73.1	88.9	101.6	114.3	141.2	
	H (mm)	25.4	31.7	38.1	38.1	38.1	38.1	38.1	50.8	63.5	63.5	76.2	
STD	R (mm)	13.7	18.3	23.4	34.3	35.8	46.0	54.6	68.3	79.0	89.4	112.3	
	e (mm)	2.8	2.95	3.4	3.55	3.70	3.90	5.20	5.45	5.7	5.95	6.45	
	Poids (kg)	0.032	0.059	0.1	0.14	0.17	0.23	0.37	0.64	0.96	1.16	1.91	
XS	e (mm)	3.65	3.95	4.55	4.85	5.10	5.55	7.10	7.60	8.15	8.50	9.50	
	Poids (kg)	0.041	0.073	0.13	0.18	0.22	0.30	0.46	0.84	1.28	1.55	2.61	
STD	DN	6	8	10	12	14	16	18	20	22	24	26	
	D (mm)	168.4	219.2	273.0	323.8	355.6	406.4	457.2	508.0	558.8	609.6	660	
	H (mm)	88.9	101.6	127.0	152.4	165.1	177.8	203.2	228.6	254.0	266.7	266.7	
XS	R (mm)	134.9	177.3	222.8	266.7	294.6	338.8	383.0	427.7	472.4	516.6	-	
	e (mm)	7.10	8.25	9.25	9.50	9.55	9.55	9.55	9.55	9.55	9.55	9.55	
	Poids (kg)	2.91	5.13	9.08	13.4	16.0	20.1	25.9	32.5	39.3	46.3	-	
XS	e (mm)	11.05	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	
	Poids (kg)	4.19	7.40	11.9	17.3	20.8	26.1	33.9	42.6	52.2	60.8	66	
9815 TES EGAUX STRAIGHT TEES	DN	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	
	D (mm)	21.3	26.7	33.5	42.2	48.3	60.4	73.1	88.9	101.6	114.3	141.2	
	M (mm)	38.1	28.6	38.1	47.6	57.1	76.2	95.2	114.3	133.4	152.4	190.5	
STD	e (mm)	2.8	2.95	3.4	3.55	3.70	3.90	5.20	5.45	5.7	5.95	6.45	
	Poids (kg)	0.04	0.04	0.11	0.17	0.23	0.37	0.74	1.10	1.49	1.95	3.31	
	e (mm)	3.65	3.95	4.55	4.85	5.10	5.55	7.10	7.60	8.15	8.50	9.50	
XS	Poids (kg)	0.05	0.05	0.14	0.22	0.30	0.49	0.95	1.47	2.01	2.66	4.63	
STD	DN	6	8	10	12	14	16	18	20	22	24		
	D (mm)	168.4	219.2	273.0	323.8	355.6	406.4	457.2	508.0	558.8	609.6		
	M (mm)	228.5	304.8	381.0	457.2	533.4	609.4	685.8	762.0	838.2	914.4		
XS	e (mm)	7.10	8.25	9.25	9.50	9.55	9.55	9.55	9.55	9.55	9.55		
	Poids (kg)	5.13	10.3	18.3	27.0	34.7	45.4	58.1	71.7	87.1	103.9		
	e (mm)	11.05	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70		
	Poids (kg)	7.57	15.4	24.4	35.5	45.4	59.9	76.2	94.3	114.8	137.0		

RACCORDS A SOUDER PETROLE EN ACIER - ASME B 16.9

CARBON STEEL BW FITTINGS - ASME B 16.9

TES REDUITS - REDUCING OUTLET TEES

9816



		DN										
		1/2 x 1/4	1/2 x 3/8	3/4 x 3/8	3/4 x 1/2	1 x 3/8	1 x 1/2	1 x 3/4	1 1/4 x 1/2	1 1/4 x 3/4	1 1/4 x 1	
	D1 (mm)	21.3	21.3	26.7	26.7	33.5	33.5	33.5	42.2	42.2	42.2	
	D2 (mm)	13.7	17.1	17.1	21.3	17.1	21.3	26.7	21.3	26.7	33.5	
	M (mm)	25.4	25.4	28.6	28.6	38.1	38.1	38.1	47.6	47.6	47.6	
STD	e1 (mm)	2.80	2.80	2.95	2.95	3.40	3.4	3.40	3.55	3.55	3.55	
	e2 (mm)	2.25	2.30	2.30	2.80	2.30	2.80	2.95	2.80	2.95	3.40	
	Poids (kg)	0.10	0.10	0.15	0.15	0.29	0.29	0.30	0.50	0.50	0.53	
XS	e1 (mm)	3.65	3.65	3.95	3.95	4.55	4.55	4.55	4.85	4.85	4.85	
	e2 (mm)	3.00	3.18	3.18	3.65	3.18	3.65	3.95	3.65	3.95	4.55	
	Poids (kg)	0.12	0.13	0.19	0.19	0.36	0.36	0.36	0.62	0.63	0.66	

		1 1/2 x 1/2	1 1/2 x 3/4	1 1/2 x 1	1 1/2 x 1 1/4	2 x 3/4	2 x 1	2 x 1 1/4	2 x 1 1/2	2 1/2 x 1	2 1/2 x 1 1/4	2 1/2 x 1 1/2	2 1/2 x 2	3 x 1	3 x 1 1/4	3 x 1 1/2
	D1 (mm)	48.3	48.3	48.3	48.3	60.4	60.4	60.4	60.4	73.1	73.1	73.1	73.1	88.9	88.9	88.9
	D2 (mm)	21.3	26.7	33.5	42.2	26.7	33.5	42.2	48.3	33.5	42.2	48.3	60.4	33.5	42.2	48.3
	M (mm)	57.1	57.1	57.1	57.1	63.5	63.5	63.5	63.5	57.1	63.5	66.7	69.8	66.7	69.8	73.0
STD	e1 (mm)	3.70	3.70	3.70	3.70	3.90	3.90	3.90	3.90	5.20	5.20	5.20	5.20	5.45	5.45	5.45
	e2 (mm)	2.80	2.95	3.40	3.55	2.95	3.40	3.55	3.70	3.40	3.55	3.70	3.90	3.40	3.55	3.70
	Poids (kg)	0.73	0.73	0.76	0.80	1.09	1.12	1.16	1.21	1.96	1.99	2.04	2.08	2.85	2.88	2.92
XS	e1 (mm)	5.10	5.10	5.10	5.10	5.55	5.55	5.55	5.55	7.10	7.10	7.10	7.10	7.60	7.60	7.60
	e2 (mm)	3.65	3.95	4.55	4.85	3.95	4.55	4.85	5.10	4.55	4.85	5.10	5.55	4.55	4.85	5.10
	Poids (kg)	0.92	0.92	0.95	1.00	1.41	1.44	1.48	1.54	2.48	2.51	2.57	2.61	3.68	3.71	3.76

		3 x 2	3 x 2 1/2	3 1/2 x 1 1/2	3 1/2 x 2	3 1/2 x 2 1/2	3 1/2 x 3	4 x 1 1/2	4 x 2	4 x 2 1/2	4 x 3	4 x 3 1/2	5 x 2	5 x 2 1/2	5 x 3	5 x 3 1/2
	D1 (mm)	88.9	88.9	101.6	101.6	101.6	101.6	114.3	114.3	114.3	114.3	114.3	141.2	141.2	141.2	141.2
	D2 (mm)	60.4	73.1	48.3	60.4	73.1	88.9	48.3	60.4	73.1	88.9	101.6	60.4	73.1	88.9	101.6
	M (mm)	76.2	82.5	79.4	82.5	88.9	92.1	85.7	88.9	95.2	98.4	101.6	104.8	108.0	111.1	114.3
STD	e1 (mm)	5.45	5.45	5.70	5.70	5.70	5.70	5.95	5.95	5.95	5.95	5.95	6.45	6.45	6.45	6.45
	e2 (mm)	3.90	5.20	3.70	3.90	5.20	5.45	3.70	3.90	5.20	5.45	5.70	3.90	5.20	5.45	5.70
	Poids (kg)	2.95	3.09	3.85	3.85	3.99	4.09	4.94	4.99	4.13	5.17	5.26	7.80	7.89	7.98	8.07
XS	e1 (mm)	7.60	7.60	8.15	8.15	8.15	8.15	8.50	8.50	8.50	8.50	8.50	9.50	9.50	9.50	9.50
	e2 (mm)	5.55	7.10	5.10	5.55	7.10	7.60	5.10	5.55	7.10	7.60	8.15	5.55	7.10	7.60	8.15
	Poids (kg)	3.79	3.90	5.03	5.08	5.22	5.31	6.53	6.58	6.67	6.80	6.94	10.6	10.7	10.75	10.8

		5 x 4	6 x 2 1/2	6 x 3	6 x 3 1/2	6 x 4	6 x 5	8 x 3	8 x 3 1/2	8 x 4	8 x 5	8 x 6	10 x 4	10 x 5	10 x 6	10 x 8
	D1 (mm)	141.2	168.4	168.4	168.4	168.4	168.4	219.2	219.2	219.2	219.2	219.2	273.0	273.0	273.0	273.0
	D2 (mm)	114.3	73.1	88.9	101.6	114.3	141.2	88.9	101.6	114.3	141.2	168.4	114.3	141.2	168.4	219.2
	M (mm)	117.5	120.7	123.8	127.0	130.2	136.5	152.4	152.4	155.6	161.9	168.3	184.2	190.5	193.7	203.2
STD	e1 (mm)	6.45	7.10	7.10	7.10	7.1	7.10	8.25	8.25	8.25	8.25	8.25	9.25	9.25	9.25	9.25
	e2 (mm)	5.95	5.20	7.10	5.70	5.95	6.45	5.45	5.70	5.95	6.45	7.10	5.95	6.45	7.10	8.25
	Poids (kg)	8.21	11.7	11.7	11.8	11.9	12.1	21.6	21.6	21.7	21.8	22.1	36.8	36.9	37.1	37.6
XS	e1 (mm)	9.50	11.05	11.05	11.05	11.05	11.05	12.70	12.70	12.7	12.70	12.70	12.70	12.70	12.70	12.70
	e2 (mm)	8.50	-	7.60	8.15	8.50	9.50	7.60	8.15	8.50	9.50	11.05	8.50	9.50	11.05	12.70
	Poids (kg)	11.0	16.7	16.7	16.8	16.9	17.1	31.3	31.3	31.4	31.5	31.9	48.1	48.1	49.0	49.4

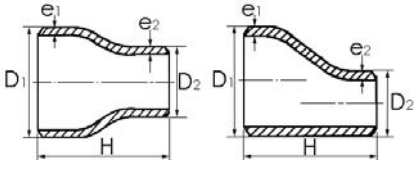
		12 x 5	12 x 6	12 x 8	12 x 10	14 x 6	14 x 8	14 x 10	14 x 12	16 x 6	16 x 8	16 x 10	16 x 12	16 x 14	18 x 8	18 x 10
	D1 (mm)	323.8	323.8	323.8	323.8	355.6	355.6	355.6	355.6	406.4	406.4	406.4	406.4	406.4	457.2	457.2
	D2 (mm)	141.2	168.4	219.2	273.0	168.4	219.2	273.0	323.8	168.4	219.2	273.0	323.8	355.6	219.2	273.0
	M (mm)	215.9	219.1	228.6	241.3	238.1	247.7	257.2	269.9	263.5	273.1	282.6	295.3	304.8	298.4	308.0
STD	e1 (mm)	9.50	9.50	9.50	9.50	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
	e2 (mm)	6.45	7.10	8.25	9.25	7.10	8.25	9.25	9.50	7.10	8.25	9.25	9.50	9.55	8.25	9.25
	Poids (kg)	53.1	53.1	53.5	54.9	64.4	64.9	65.3	66.7	79.8	83.9	88.5	92.5	95.3	104.8	110.7
XS	e1 (mm)	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.7	12.70	12.70	12.70	12.70
	e2 (mm)	9.50	11.05	12.70	12.70	11.05	12.70	12.70	12.70	11.05	12.70	12.70	12.70	12.70	12.70	12.70
	Poids (kg)	68.5	68.5	69.4	70.3	83.0	83.5	83.9	85.7	101.2	105.7	110.7	115.7	118.4	133.4	139.3

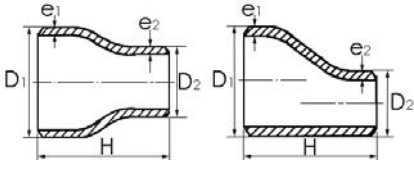
		18 x 12	18 x 14	18 x 16	20 x 8	20 x 10	20 x 12	20 x 14	20 x 16	20 x 18	24 x 10	24 x 12	24 x 14	24 x 16	24 x 18	24 x 20
	D1 (mm)	457.2	457.2	457.2	508.0	508.0	508.0	508.0	508.0	508.0	609.6	609.6	609.6	609.6	609.6	609.6
	D2 (mm)	323.8	355.6	406.4	219.2	273.0	323.8	355.6	406.4	457.2	273.0	323.8	406.4	406.4	457.2	508.0
	M (mm)	320.7	330.2	330.2	323.8	333.4	346.1	355.6	355.6	368.3	384.2	396.9	406.4	406.4	419.1	431.8
STD	e1 (mm)	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
	e2 (mm)	9.50	9.55	9.55	8.25	9.25	9.50	9.55	9.55	9.55	9.25	9.50	190.1	9.55	9.55	9.55
	Poids (kg)	115.2	118.2	122.0	127.9	133.8	139.7	143.3	149.2	155.1	178.7	185.5	190.1	196.4	205.5	205.5
XS	e1 (mm)	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70
	e2 (mm)	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	11.05	12.70	12.70	12.70	12.70	12.70	12.70
	Poids (kg)	-	148.8	152.4	163.7	170.6	176.9	181.0	187.3	193.7	227.7	235.0	240.0	246.8	255.8	260.8

RACCORDS A SOUDER PETROLE EN ACIER - ASME B 16.9
CARBON STEEL BW FITTINGS - ASME B 16.9

REDUCTIONS CONCENTRIQUES & EXCENTRIQUES - CONCENTRIC & ECCENTRIC REDUCERS

9820



DN		3/4 x 3/8	3/4 x 1/2	1 x 3/8	1 x 1/2	1 x 3/4	1 1/4 x 1/2	1 1/4 x 3/4	1 1/4 x 1	1 1/2 x 1/2	
	D ₁ (mm)	26.7	26.7	33.5	33.5	33.5	42.2	42.2	42.2	48.3	
	D ₂ (mm)	17.1	21.3	17.1	21.3	26.7	21.3	26.7	33.5	21.3	
	H (mm)	38.1	38.1	50.8	50.8	0.14	50.8	50.8	50.8	63.5	
	STD	e ₁ (mm)	2.95	2.95	3.40	3.40	3.40	3.55	3.55	3.55	3.70
		e ₂ (mm)	2.30	2.80	2.30	2.80	2.95	2.80	2.95	3.40	2.80
	XS	Poids (kg)	0.09	0.09	0.14	0.14	0.17	0.19	0.20	0.20	0.20
		e ₁ (mm)	3.95	3.95	4.55	4.55	4.55	4.85	4.85	4.85	5.10
	XS	e ₂ (mm)	3.18	3.65	3.18	3.65	50.8	3.65	3.95	4.55	3.65
		Poids (kg)	0.11	0.12	0.15	0.16	0.17	0.22	0.23	0.24	0.28

DN	1 1/2 x 3/4	1 1/2 x 1	1 1/2 x 1 1/4	2 x 3/4	2 x 1	2 x 1 1/4	2 x 1 1/2	2 1/2 x 1	2 1/2 x 1 1/4	2 1/2 x 1 1/2	2 1/2 x 2	3 x 1 1/4	3 x 1 1/2	3 x 2
D ₁ (mm)	48.3	48.3	48.3	60.4	60.4	60.4	60.4	73.1	73.1	73.1	73.1	88.9	88.9	88.9
D ₂ (mm)	26.7	33.5	42.2	26.7	33.5	42.2	48.3	33.5	42.2	48.3	60.4	42.2	48.3	60.4
H (mm)	63.5	63.5	63.5	76.2	76.2	376.2	76.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
STD	e ₁ (mm)	3.70	3.70	3.70	3.90	3.90	3.90	3.920	5.20	5.20	5.20	5.45	5.45	5.45
	e ₂ (mm)	2.95	3.40	3.55	2.95	3.40	3.55	3.70	3.40	3.55	3.70	3.90	3.55	3.70
	Poids (kg)	0.22	0.24	0.26	0.33	0.37	0.39	0.41	0.59	0.67	0.68	0.73	0.77	0.86
XS	e ₁ (mm)	5.10	5.10	5.10	5.55	5.55	5.55	5.55	7.10	7.10	7.10	7.60	7.60	7.60
	e ₂ (mm)	3.95	4.55	4.85	3.95	4.55	4.85	5.10	4.55	4.85	5.10	5.55	5.10	5.55
	Poids (kg)	0.27	0.31	0.33	0.46	0.45	0.53	0.54	0.79	0.78	0.86	0.94	1.04	0.99

DN	3 x 2 1/2	3 1/2 x 1 1/4	3 1/2 x 1 1/2	3 1/2 x 2	3 1/2 x 2 1/2	3 1/2 x 3	4 x 1 1/2	4 x 2	4 x 2 1/2	4 x 3	4 x 3 1/2	5 x 2	5 x 2 1/2	5 x 3
D ₁ (mm)	88.9	101.6	101.6	101.6	101.6	101.6	114.3	114.3	114.3	114.3	114.3	141.2	141.2	141.2
D ₂ (mm)	73.1	42.2	48.3	60.4	73.1	88.9	48.3	60.4	73.1	88.9	101.6	60.4	73.1	88.9
H (mm)	88.9	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	101.6	127.0	127.0	127.0
STD	e ₁ (mm)	5.45	5.70	5.70	5.70	5.70	5.95	5.95	5.95	5.95	5.95	6.45	6.45	6.45
	e ₂ (mm)	5.20	3.55	3.70	3.90	5.20	5.45	3.70	3.90	5.20	4.45	5.70	3.90	5.20
	Poids (kg)	0.98	1.07	1.14	1.23	1.34	1.38	1.24	1.44	1.52	1.59	1.64	2.29	2.51
XS	e ₁ (mm)	7.60	8.15	8.15	8.15	8.15	8.50	8.50	8.50	8.50	8.50	9.50	9.50	9.50
	e ₂ (mm)	7.10	4.85	5.10	5.55	7.10	7.60	5.10	5.55	7.10	7.60	8.15	5.55	7.10
	Poids (kg)	1.29	1.49	1.43	1.61	1.75	1.85	1.73	1.78	2.01	2.13	2.21	3.00	3.30

DN	5 x 3 1/2	5 x 4	6 x 2 1/2	6 x 3	6 x 3 1/2	6 x 4	6 x 5	8 x 3 1/2	8 x 4	8 x 5	8 x 6	10 x 4	10 x 5	10 x 6
D ₁ (mm)	141.2	141.2	168.4	168.4	168.4	168.4	168.4	219.1	219.2	219.2	219.2	273.0	273.0	273.0
D ₂ (mm)	101.6	114.3	73.1	88.9	101.6	114.3	141.2	101.6	114.3	141.2	168.4	114.3	141.2	168.4
H (mm)	127.0	127.0	139.7	189.7	139.7	189.7	189.7	152.4	152.4	152.4	152.4	177.8	177.8	177.8
STD	e ₁ (mm)	6.45	6.45	7.10	7.10	7.10	7.10	8.25	8.25	8.25	8.25	9.25	9.25	9.25
	e ₂ (mm)	5.70	5.95	5.20	5.45	5.70	5.95	6.45	5.70	5.95	6.45	7.10	5.95	6.45
	Poids (kg)	2.66	2.72	3.45	3.63	8.69	8.72	8.98	5.81	5.95	6.08	6.31	9.58	9.90
XS	e ₁ (mm)	9.50	9.50	11.05	11.05	11.05	11.05	12.70	12.70	12.70	12.70	12.70	12.70	12.70
	e ₂ (mm)	8.15	8.50	7.10	7.60	8.15	8.50	9.90	8.15	8.50	9.50	11.05	8.50	9.50
	Poids (kg)	3.65	3.78	4.52	5.04	5.27	5.45	5.72	7.31	8.44	8.85	9.26	11.5	13.0

DN	10 x 8	12 x 5	12 x 6	12 x 8	12 x 10	14 x 6	14 x 8	14 x 10	14 x 12	16 x 8	16 x 10	16 x 12	16 x 14	18 x 10
D ₁ (mm)	273.0	323.8	323.8	323.8	323.8	355.6	355.6	355.6	355.6	406.4	406.4	406.4	406.4	457.2
D ₂ (mm)	219.2	141.2	168.4	219.2	273.0	168.4	219.2	273.0	323.8	219.2	273.0	323.8	355.6	273.0
H (mm)	177.8	203.2	203.2	203.2	203.2	130.2	330.2	330.2	330.2	355.6	355.6	355.6	355.6	381.0
STD	e ₁ (mm)	9.25	9.50	9.50	9.50	9.50	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
	e ₂ (mm)	8.25	6.45	7.10	8.25	9.25	7.10	8.25	9.25	9.50	8.25	9.25	9.50	9.25
	Poids (kg)	10.5	13.8	14.1	14.6	15.2	25.3	26.0	27.4	28.8	31.9	33.1	34.3	35.2
XS	e ₁ (mm)	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.7	12.7	12.7	12.7	12.7
	e ₂ (mm)	12.70	9.50	11.05	12.7	12.70	11.05	12.70	12.70	12.7	12.7	12.7	12.7	12.7
	Poids (kg)	14.2	17.7	18.4	17.0	19.8	33.7	34.9	36.1	37.7	42.6	43.7	45.0	46.3

DN	18 x 12	18 x 14	18 x 16	20 x 12	20 x 14	20 x 16	20 x 18	22 x 14	22 x 16	22 x 18	22 x 20	24 x 16	24 x 18	24 x 20
D ₁ (mm)	457.2	457.2	457.2	508.0	508.0	508.0	508.0	558.8	558.8	558.8	558.8	609.6	609.6	609.6
D ₂ (mm)	323.8	355.6	406.4	323.8	355.6	406.4	457.2	355.6	406.4	457.2	508.0	406.4	457.2	508.0
H (mm)	381.0	381.0	381.0	508.0	508.0	508.0	508.0	508.0	508.0	508.0	508.0	508.0	508.0	508.0
STD	e ₁ (mm)	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
	e ₂ (mm)	9.50	9.55	9.55	9.50	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
	Poids (kg)	40.5	41.3	42.7	60.8	61.3	62.6	64.5	67.2	68.5	69.9	71.3	72.6	74.0
XS	e ₁ (mm)	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
	e ₂ (mm)	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
	Poids (kg)	53.6	54.5	55.8	79.9	81.3	82.6	84.4	88.5	89.9	91.7	94.0	95.8	97.6

RACCORDS FONTE MALLEABLE FILETES PAS DU GAZ

MALLEABLE CAST IRON FITTINGS, BSP SCREWED ENDS

Utilisation : eau, gaz, air comprimé

Limites d'utilisation : 120°C / 25 bar, 300°C / 20 bar

Température : -20°C +300°C

Dimensions : 8/13 à 102/114

Filetage : mâle conique [R], femelle cylindrique [Rp] ISO 7-1

Traitement de surface : NOIR ou GALVANISE à chaud (la lettre "G" suit alors la référence à 4 chiffres.)

Ex. : réf. 9300 G = bouchon F. tête hexagonale, galvanisé

Autres raccords sur demande

Use : water, gas, compressed air

Max working conditions : 120°C / 25 bar, 300°C / 20 bar

Temperature range : -20°C + 300°C

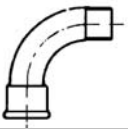
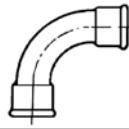

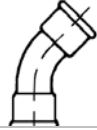

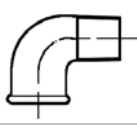
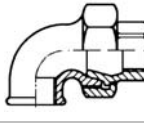
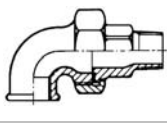
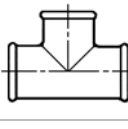
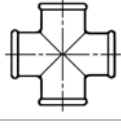
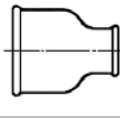

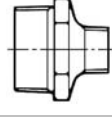
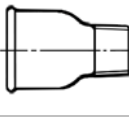
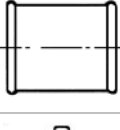
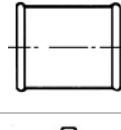
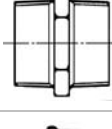
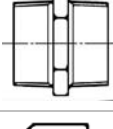
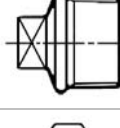
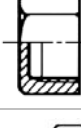
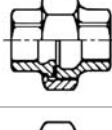
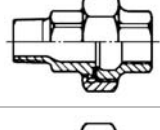
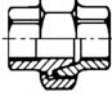
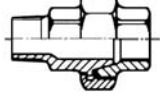
Range : 1/4" to 4"

Threads : taper external thread [R], parallel internal thread [Rp] according to ISO 7-1

Surface finish : BLACK or hot dip GALVANIZED (with letter "G" following the 4 digit reference)

Example : ref. 9300 G = galvanized F hexagonal cap

Other fittings on request

	Coude 90° grand rayon M/F <i>90° M/F long sweep bend</i>	9001		Coude 90° grand rayon F/F <i>90° F/F long sweep bend</i>	9002
	Coude 45° grand rayon M/F <i>45° M/F long sweep bend</i>	9040		Coude 45° grand rayon F/F <i>45° F/F long sweep bend</i>	9041
	Coude 90° F/F <i>90° F/F elbow</i>	9090		Coude 90° M/F <i>90° M/F elbow</i>	9092
	Coude union joint conique F/F <i>F/F union elbow taper seat</i>	9096		Coude union joint conique M/F <i>M/F union elbow taper seat</i>	9098
	Té égal F/F/F <i>Equal tee</i>	9130		Croix <i>Cross</i>	9180
	Réduction F/F <i>Reducing socket</i>	9240		Réduction M/F <i>Bushing</i>	9241
	Réduction M/M <i>Reducing nipple</i>	9245		Réduction F/M <i>F/M reducing socket</i>	9246
	Manchon F/F <i>Socket</i>	9270		Manchon filetage à droite et à gauche <i>Socket right and left hand thread</i>	9271
	Mamelon 6 pans filetage DD M/M <i>Hexagon nipple</i>	9280		Mamelon 6 pans filetage DG M/M <i>Nipple right and left hand thread</i>	9281
	Bouchon tête carrée M <i>Square head plug</i>	9290		Bouchon 6 pans F <i>Hexagon cap</i>	9300
	Raccord union joint plat F/F <i>F/F union flat seat</i>	9330		Raccord union M/F joint plat <i>M/F union with flat seat</i>	9331
	Raccord union joint conique F/F <i>F/F union taper seat</i>	9340		Raccord union joint conique M/F <i>M/F union taper seat</i>	9341

RACCORDS EXPRESS

EXPRESS QUICK COUPLINGS

Selon norme NFE 29-573

According to NFE 29-573

Construction standard : laiton

Standard execution : brass

Variante sur demande : inox (suivant norme NF A 35-572)

Alternate on request : stainless steel (according to NF A 35-572)

DEMI-RACCORD À DOUILLE FILETÉE MALE (PAS DU GAZ SELON NFE 03-005) <i>Half-coupling BSP M thread</i>						DEMI-RACCORD À COLLERETTE, À DOUILLE ANNELÉE <i>Half-coupling grooved shank, with collar</i>					
laiton : 2550 inox : 2550 I						laiton : 2556 inox : 2556 I					
	DN	d1 (mm)	f (mm)	h (mm)	L (mm)		DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)
	3/8	7	16	24	48		9	-	-	-	-
	1/2	15	16	22	45		11	7	11	41	68
	3/4	15	16	22	45		13	7	15	45	76
	1	24	16	23	51		16	11	18	45	76
	1-1/4	24	19	27	55		19	13	21	45	76
							22	19	24	45	76
					25	19	28	45	76		
DEMI-RACCORD A DOUILLE FILETEE FEMELLE (PAS DU GAZ SELON NFE 03-005) <i>Half-coupling BSP F thread</i>						BOUCHON EXPRESS AVEC CHAÎNE OU CÂBLE INOX <i>Express plug with chain or s. steel cable</i>					
laiton : 2551 inox : 2551 I						laiton : 2557 inox : 2557 I					
	DN	d (mm)	t (mm)	L (mm)			DN	e (mm)	h (mm)	L (mm)	
	3/8	22	23	44			-	39	18	41	
	1/2	27	13	44							
	3/4	37	18	51							
	1	37	20	51							
DEMI-RACCORD A DOUILLE A SOUDER <i>Half-coupling with welding end</i>						JOINT CAOUTCHOUC POUR RACCORD EXPRESS <i>Gasket for express quick coupling</i>					
inox : 2551 W						2558					
	DN	d1 (mm)	h (mm)	L (mm)			Joint caoutchouc		<i>Rubber gasket</i>		
	Ø 26.9	15	16	45			Sur demande :		<i>On request :</i>		
	Ø 33.7	24	16	51			• Viton®		• Viton®		
	Ø 36.8	24	16	51			• PTFE		• PTFE		
ADAPTATEUR ECROU TOURNANT FEMELLE - CANNELE <i>Brass hex. hose tail with swivel nut BSP F</i>						ADAPTATEUR HEXAGONAL MALE - CANNELE <i>Brass hex. hose tail BSP M</i>					
2559 F						laiton : 2559 M					
	DN	Ø s/crans	Filetage				DN	Ø s/crans	Filetage		
	8	9.5	8 x 13				8	9.5	8 x 13		
	12	13.5	12 x 17				12	13.5	12 x 17		
	15	17	15 x 21				15	17	15 x 21		
	20	21	20 x 27				20	21	20 x 27		
	26	28	26 x 34				26	28	26 x 34		
	33	36	33 x 42				33	36	33 x 42		
	40	44	40 x 49				40	44	40 x 49		
	50	54	50 x 60				50	54	50 x 60		
Matière : laiton						Matière : laiton					

RACCORDS A CAMES

CAM-LOCK TYPE QUICK COUPLINGS

2548

Conforme à la "Military specification : MIL-C-27 487"

- ① Filet mâle **BSPT** (pas du gaz conique selon NFE 03-004)
 ② Filet femelle **BSPP** (pas du gaz cylindrique selon NFE 03-004)

Matière : inox 316 - réf. **2548**

Variante aluminium : réf. **25480** / bronze : réf. **25481**

Joint standard : BUNA (Ts = 60°C)
 (sur demande : EPDM, PTFE, Viton®)

Conformity to "Military specification : MIL-C-27 487"

- ① *BSPT male thread (conical thread according to NFE 03-004)*
 ② *BSPP female thread (parallel thread according to NFE 03-004)*

Material : AISI 316 - ref. 2548

Alternate : aluminium, ref. 25480 / bronze, ref. 25481

Standard seal : BUNA (max. T° = 60°C)
 (on request : EPDM, PTFE, Viton®)

ADAPTATEUR FEMELLE - FEMALE ADAPTOR

A

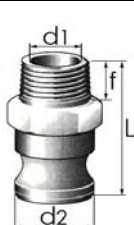


DN	d1 (mm)	h (mm)	t (mm)	L (mm)
1/2	15	25	12.5	31
3/4	20	26.5	17	37
1	24	33.5	22	46
1-1/4	30	40	22	54
1-1/2	37	41	25	55
2	44	48.5	25	61
2-1/2	73	51	31	70
3	95	54	35	79
4	150	58	-	75

②

ADAPTATEUR MALE - MALE ADAPTOR

F



DN	d1 (mm)	d2 (mm)	f (mm)	L (mm)
1/2	15	24	13	44
3/4	20	32	16	53
1	24	36.7	19	65
1-1/4	30	45.5	20	74
1-1/2	37	53.3	22	77
2	44	63	25	86
2-1/2	73	91.5	32	102
3	95	119.6	43	123
4	150	176	-	-

①

COUPLEUR FEMELLE - FEMALE COUPLER

D

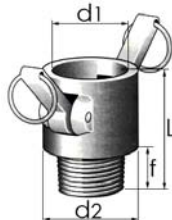


DN	d1 (mm)	h (mm)	t (mm)	L (mm)
1/2	24.4	28.5	17	45.5
3/4	32.4	33	17	50
1	37.2	40	20	60
1-1/4	46	44	22	66
1-1/2	54.5	47.5	22	69.5
2	63.7	52	26	73
2-1/2	92.2	59	35	96
3	120.2	63	31	92
4	176.5	68	-	-

②

COUPLEUR MALE - MALE COUPLER

B



DN	d1 (mm)	d2 (mm)	f (mm)	L (mm)
1/2	24.4	32	15	45.5
3/4	32.4	41	15	50
1	37.2	46	19	60
1-1/4	46	57	20	66
1-1/2	54.5	65.5	20	69
2	63.7	74.7	22	77
2-1/2	92.2	104	27	89
3	120.2	138	29	92
4	176.5	-	-	-

①

ADAPTATEUR CANNELE - HOSETAIL ADAPTOR

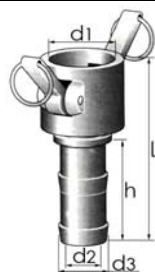
E



DN	d1 (mm)	d2 (mm)	d3 (mm)	h (mm)	L (mm)
1/2	8	15	24	35	60
3/4	14	21	32	61	100
1	20.4	27.6	36.7	52	92
1-1/4	24.3	34.3	45.5	73	129
1-1/2	30	40.5	53.3	61	116
2	42.4	53.5	63	69	118
2-1/2	69	79.4	91.5	104	171
3	91	104	119.6	106	182
4	140	156	176	172	247

COUPLEUR CANNELE - HOSETAIL COUPLER

C



DN	d1 (mm)	d2 (mm)	d3 (mm)	h (mm)	L (mm)
1/2	24.4	9.5	15.5	43	77.5
3/4	32.4	14	21.4	46.6	87
1	37.2	19.5	27.4	57	104
1-1/4	46	25	34.1	59	111
1-1/2	54.5	31	40	54	111
2	63.7	44	53.2	69	129
2-1/2	92.2	69	79.4	104	172
3	120.2	91	104	106	172
4	176.5	140	156	172	240

BOUCHON FEMELLE - FEMALE DUST CAP

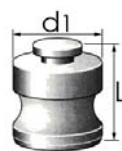
DC



DN	d1 (mm)	L (mm)
1/2	24.4	40.5
3/4	32.4	45
1	37.2	51
1-1/4	46	56
1-1/2	54.5	59.5
2	63.7	64
2-1/2	92.2	73
3	120.2	76
4	176.5	80

BOUCHON MALE - MALE DUST PLUG

DP



DN	d1 (mm)	L (mm)
1/2	24	32.5
3/4	32	34
1	36.7	43
1-1/4	45.5	50
1-1/2	53.3	53
2	63	60
2-1/2	91.5	65
3	119.6	66
4	176	74

ADAPTATEUR A SOUDER - ADAPTOR END TO WELD

AW



DN	d1 (mm)	d2 (mm)	d3 (mm)	h (mm)	L (mm)
1/2	17	24	24	-	32.5
3/4	20	27	32	8	37
1	24	34.7	36.7	14.5	49
1-1/4	28	42	45.5	12	52
1-1/2	37	48	53.3	11.4	55
2	45.5	60	63	12	61
2-1/2	74	88.5	91.5	5	67
3	110	114.3	119.6	7	60
4	152	168.3	176	11	69

COUPLEUR A SOUDER - COUPLER END TO WELD

DW



DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)
1	37.2	34	19	60
1-1/4	46	42	20	66
1-1/2	54.5	48.3	22	69
2	63.7	60	22	77

DEMI-RACCORDS SYMETRIQUES GUILLEMIN
GUILLEMIN SYMETRICAL HALF-COUPPLINGS

Suivant norme NFE 29-572 - PN 16

According to standard NFE 29-572 - PN 16

Filetage selon NFE 03-005

Thread according to NFE 03-005

Matériau : bronze ou alliage d'aluminium, ou inox 316 L (suivant norme NF A 35-572)

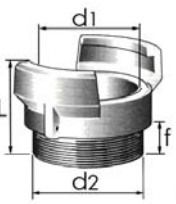
Material : bronze or aluminium alloy, or stainless steel 316 L (according to NF A 35-572)

DEMI-RACCORD SANS VERROU, À BOURRELET, À DOUILLE FILETÉE MÂLE
 (boîte symétrique sans verrou mâle)
Half-coupling without locking ring, BSP M. thread

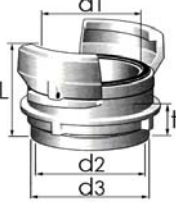
bze : 2500
 alu : 2520
 inox : 2540

DEMI-RACCORD AVEC VERROU, À DOUILLE FILETÉE FEMELLE
 (jonction symétrique à verrou femelle)
Half-coupling with locking ring, BSP F. thread

bze : 2503
 alu : 2523
 inox : 2543



DN	d1 (mm)	d2	f (mm)	L (mm)	Poids (kg)
15	15	G 1/2	10	36	0.2
20	19	G 3/4	10	42	0.25
25	26	G 1	15	51	0.2
32	28	G 1 ¼	17	52	0.4
40	40	G 1 ½	18	59	0.45
50	56	G 2	18	66	0.6
65	70	G 2	22	70	0.9
65	64	G 2 ½	28	76	0.9
80	80	G 3	26	82	1.25
100	100	G 4	33	100	2.0



DN	d1 (mm)	d2 (mm)	d3 (mm)	t* (mm)	L (mm)	Poids (kg)
15	15	G 1/2	26	18	69	0.15
20	19	G 3/4	32	16	73	0.4
25	23	G 1	39	23	82	0.5
32	28	G 1 ¼	48	20	82	0.5
40	38	G 1 ½	56	18	75	0.7
50	48	G 2	64	20	72	0.8
65	64	G 2 ½	75	20	68	1.2
80	80	G 3	95	27	82	1.1
90	90	G 3	100	28	88	1.3
100	98	G 4	117	31	85	1.9

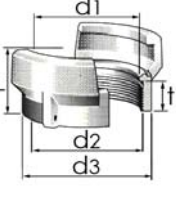
* profondeur de taraudage

DEMI-RACCORD SANS VERROU, À BOURRELET, À DOUILLE FILETÉE FEMELLE
 (boîte symétrique sans verrou femelle)
Half-coupling without locking ring, BSP F thread

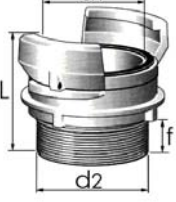
bze : 2501
 alu : 2521
 inox : 2541

DEMI-RACCORD AVEC VERROU, À DOUILLE FILETÉE MÂLE
 (jonction symétrique à verrou mâle)
Half-coupling with locking ring, BSP M thread

bze : 2502
 alu : 2522
 inox : 2542



DN	d1 (mm)	d2	d3 (mm)	t (mm)	L (mm)	Poids (kg)
15	15	G 1/2	25	12	36	0.2
20	23	G 3/4	33	20	47	0.15
25	26	G 1	36	17	34	0.2
32	32	G 1 ¼	48	17	52	0.3
40	40	G 1 ½	54	16	40	0.3
50	50	G 2	68	18	47	0.35
65	64	G 2 ½	82	26	54	0.6
80	80	G 3	101	24	56	0.9
100	98	G 4	122	32	65	1.2



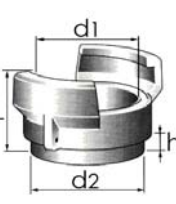
DN	d1 (mm)	d2	f (mm)	L (mm)	Poids (kg)
15	15	G 1/2	13	51	0.1
20	19	G 3/4	14	57	0.2
25	23	G 1	15	59	0.3
32	28	G 1 ¼	18	70	0.2
40	38	G 1 ½	18	73	0.6
50	48	G 2	22	87	1.0
65	62	G 2 ½	32	96	1.4
80	80	G 3	27	102	1.6
100	98	G 4	35	116	2.7

DEMI-RACCORD SANS VERROU, À BOURRELET, À DOUILLE A SOUDER
Half-coupling without locking ring, with end to weld

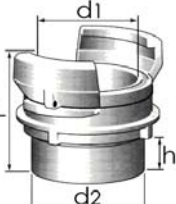
inox : 2541
 W

DEMI-RACCORD AVEC VERROU, À BOURRELET, À DOUILLE A SOUDER
Half-coupling with locking ring, with end to weld

inox : 2543
 W



DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)	Poids (kg)
15	14	21	12	35	0.15
20	19	27	12	53	0.2
25	26	34	17	51	0.2
32	32	42	17	52	0.3
40	40	48	19	59	0.4
50	56	60	20	66	0.6
65	64	76	28	75	0.95
80	82	89	14	70	1.1
100	103	113	34	98	2.1



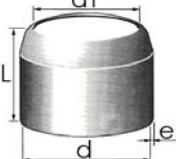
DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)	Poids (kg)
65	64	75	33	96	1.0
80	80	89	27	102	1.8
100	100	114	36	116	2.8

JUPE DE SERTISSAGE
Ferrule

bze : 2504
 alu : 2524
 inox * : 2544


DEMI-RACCORD SANS COUILLE AVEC VERROU, À DOUILLE A SOUDER
Half-coupling w. locking ring, w/o jaw, w. end to weld

bze : 2505
 alu : 2525
 inox : 2545



DN	d (mm)	d1 (mm)	e (mm)	L (mm)
25	42	27.5	1.5	42
32	50	36.5	2	44
40	56	43.5	2	52
50	66	55	2	63
65	85	68	2	73
80	101	83.5	2	75
80	104	83.5	2	75
100	126	107	2	87
100	130	107	2	87

* inox 304



DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)	Poids (kg)
80	80	89	12	61	1.0
100	100	114	16	68	1.9

DEMI-RACCORDS SYMETRIQUES GUILLEMIN

GUILLEMIN SYMETRICAL HALF-COUPPLINGS

Joint de raccords : butadiène nitrile-acrylique (standard)

Variantes : nitrile blanc alimentaire, Viton®, PTFE, EPDM

Coupling gaskets : acrylic nitrile butadiene (standard)

Alternates : white nitrile for food appl., Viton®, PTFE, EPDM


DEMI-RACCORD AVEC VERROU, À DOUILLE CRANTEE

Half-coupling with locking ring, ribbed shank

bze : 2506

alu : 2526

inox : 2546

	DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)	Poids (kg)
	15	15	20	30	66	0.10
20	19	25	32	76	0.20	
25	23	30	32	76	0.25	
32	28	35	33	78	0.30	
40	32	45	38	94	0.50	
50	48	55	52	118	0.90	
65	62	70	52	119	1.35	
80	80	90	70	142	2.10	
100	98	110	83	166	3.30	

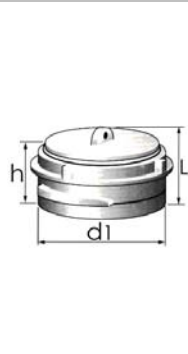
BOUCHON AVEC VERROU, AVEC CHAINETTE OU CABLE INOX

Plug with locking ring & chain

bze : 2507

alu : 2527

inox : 2547

	DN	d1 (mm)	h (mm)	L (mm)	Poids (kg)
	15	25	26	36	0.13
20	31	32	44	0.17	
25	36	32	44	0.19	
32	41	33	45	0.25	
40	34	39	51	0.28	
50	68	42	54	0.44	
65	83	46	58	0.62	
80	101	51	63	0.84	
100	122	55	67	1.06	

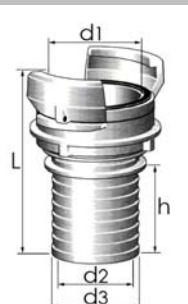
DEMI-RACCORD AVEC VERROU, À DOUILLE REDUITE

Half-coupling w. lock ring, w. reduced ribbed shank

bze : 2506 R

alu : 2526 R

inox : 2546 R

	DN	d1 (mm)	d2 (mm)	d3 (mm)	h (mm)	L (mm)	Poids (kg)
	40	38	30	40	38	94	0.6
50	48	42	51	44	118	1.1	
65	65	57	65	51	129	1.3	
80	80	65	75	77	167	2.3	
100	100	88	100	75	173	3.3	

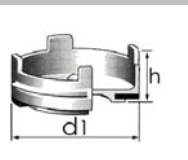
BOUCHON PLAT CADENASSABLE AVEC CHAINETTE OU CABLE INOX

Locking flat plug with chain

bze : 2508

alu : 2528

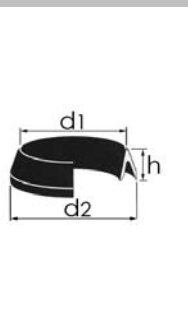
inox : 2528

	DN	d1 (mm)	h (mm)	Poids (kg)
	40	54	31	0.35
80	101	42	0.66	

JOINT POUR DOUILLE A SERTIR

Cramping seal

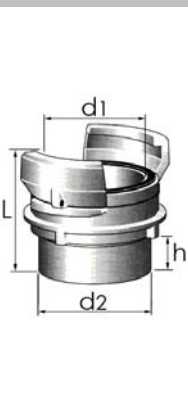
2509

	DN	d1 (mm)	d2 (mm)	h (mm)
	32	38	50	19
40	45	56	18	
50	53	66	22	
65	68	83	24	
80	84	100	26	
100	107	123	30	

DEMI-RACCORD AVEC VERROU, À DOUILLE A SOUDER

Half-coupling with locking ring, with end to weld

inox : 2546 W

	DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)	Poids (kg)
	15	15	21	15	51	0.20
20	19	26	15	57	0.30	
25	23	33	16	59	0.35	
32	28	33	11	55	0.35	
40	38	48	20	73	0.40	
50	48	60	24	87	0.90	
65	62	75	33	96	1.40	
80	80	89	27	102	1.80	
100	98	114	35	116	2.70	

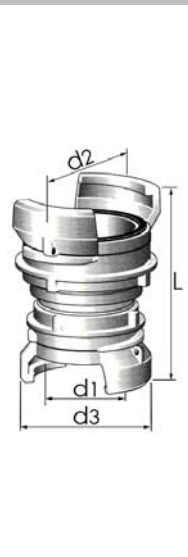
JONCTION BI-SYMETRIQUE AVEC VERROUS

Reduced coupling with locking rings

bze : 2510

alu : 2530

inox : 2530 I

	DN	d1 (mm)	d2 (mm)	d3 (mm)	L (mm)	Poids (kg)
	20/40	19	70	46	141	0.99
25/40	23	70	42	102	1.10	
32/40	28	70	58	102	1.00	
40/50	38	88	70	122	1.54	
40/65	38	104	70	124	1.98	
40/80	38	126	70	145	1.87	
40/100	38	146	70	205	2.75	
50/65	48	104	88	125	2.42	
50/80	48	126	88	145	2.31	
50/100	48	146	88	230	3.19	
65/80	62	126	104	150	2.75	
65/100	62	146	104	225	3.63	
80/90	79	137	125	230	2.97	
80/100	79	146	125	183	3.85	

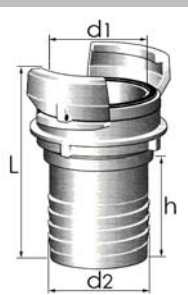
DEMI-RACCORD AVEC VERROU, À DOUILLE HELICOIDALE

Half-coupling w. locking ring, helicoidal shank

bze : 2506 H

alu : 2526 H

inox : 2546 H

	DN	d1 (mm)	d2 (mm)	h (mm)	L (mm)	Poids (kg)
	25	24	28	50	94	0.32
32	28	35.5	54	106	0.39	
40	38	43.5	60	115	0.63	
50	50	53.5	68	142	1.15	
65	63	67	80	155	1.60	
80	80	83.2	85	167	2.40	
80	96	106.5	101	198	3.60	

EQUIPEMENT CONTRE L' INCENDIE FIRE-FIGHTING EQUIPMENT

ROBINET DE PRISE - LANDING VALVE

2511

Face simple
(standard)Face double
(variante)

- Robinet à volant de face simple
- Construction standard bronze

Raccordement :

Entrée fileté gaz - Sortie symétrique
G 1" - SYM. DN 20
G 1-1/2" - SYM. DN 40
G 2-1/2" - SYM. DN 65

Variantes :

- construction aluminium
- robinet à volant de face double

- *Flywheel valve*
- *Standard bronze execution*

Connection :

Male thread Inlet - Symmetric Outlet
BSP M 1" - SYM. DN 20
BSP M 1-1/2" - SYM. DN 40
BSP M 2-1/2" - SYM. DN 65

Alternates :

- *aluminium execution*
- *2-way flywheel valve*

CLE TRICOISE - SPANNER WRENCH

2512



réf. 2512 MM



réf. 2512 GM

- Réf. 2512 MM :
Clé tricoise en acier,
revêtue de résine époxy
pour raccords DN 20 au DN 65

- Réf. 2512 GM :
Clé tricoise en acier,
revêtue de résine époxy
pour raccords DN 20 au DN 100

- *Ref. 2512 MM :*
Carbon steel spanner wrench,
epoxy resin coated
for couplings DN 20 to DN 65

- *Ref. 2512 GM :*
Carbon steel spanner wrench,
epoxy resin coated
for couplings DN 20 to DN 100

R. I. A. : ROBINET D'INCENDIE ARME - HOSE REEL

2513

**Robinet d'Incendie Armé** composé de :

- Un dévidoir à alimentation axiale, à tambour tournant et pivotant avec robinet d'arrêt incorporé au support mural, et dont l'ouverture totale s'effectue en 2 tours et demi ;
- Une longueur élémentaire de 20 ou 30 mètres de tuyau semi-rigide ;
- Un robinet jet diffuseur ;
- Une pancarte de signalisation et de mode d'emploi.

Produit conforme aux normes NF S 61 201, NF S 62 201, NF S 61 115 et à la règle R5 éditée par l'APSAD.

Produit bénéficiant également de la certification NF-A2P qui garantit sa conformité aux normes par un système d'assurance Qualité approprié.

Hose reel composed of :

- *A hose reel drum mounted on 180° swinging arm. The total opening occurs in 2 and a half laps ;*

- *20 to 30 meters semi-rigid hose length ;*

- *A nozzle ;*
- *A warning sign indicates how to use.*

Product conform to standards NF S 61 201, NF S 62 201, NF S 61 115 and to R5 rule edited by APSAD.

Also conforms to NF-A2P certification which guarantees compliance with the standards through an appropriate system of Quality assurance.

ROBINET JET DIFFUSEUR - NOZZLE

2514



Robinets jet diffuseur suivant NF S 61 820

- Robinet DMA :
à diffusion **en cône plein**
- Robinet DMB :
à diffusion **en nappe**

Construction :

alliage d'aluminium ou bronze

Nozzles acc. to standard NF S 61 820

- *DMA nozzle :*
straight stream
(Fog and shutoff model DHT is for electric fire)
- *DMB nozzle :*
flat steam and shutoff

Execution :*aluminium alloy or bronze*

FUT DE LANCE - BRANCHPIPE

2514 L



Fût de lance d'incendie suivant norme NF S 61 820

Construction :

alliage d'aluminium ou bronze

*Branchpipe according to standard NF S 61 820***Execution :***aluminium alloy or bronze*

RACCORDS DOUBLE BAGUE
TUBE FITTINGS




























2490

Matériau : inox 316 et laiton en standard
 (inox 316 L, autres matériaux sur demande)
Disponible en métrique : 3 à 25 mm et "OD" (pouces) 1/16" à 1"
Filetage : pas du gaz conique en standard (NPT sur demande)

Désignation d'un raccord : réf. 2490 LF = coude femelle

*Material : stainless steel 316
 (brass, carbon steel or Monel™ on request)*
For metric tube : Ø 3, 6, 8, 10, 12, 14, 16, 18, 22, 24, 25
Screwing : BSP-T [Whitworth] (NPT on request)

Tube fitting description : ref. 2490 LF = elbow female

	AF	Adaptateur femelle <i>Adapter female</i>		AM	Adaptateur mâle réf. 2490 K <i>Adapter male</i>
	LF	Coude femelle <i>Elbow female</i>		LM	Coude mâle réf. 2490 H [NPT] - réf. 2490 J [Gaz] <i>Elbow male</i>
	LBW	Coude à souder <i>Elbow butt weld</i>		LU	Coude union réf. 2490 C <i>Elbow union</i>
	BCF	Raccord femelle avec traversée de cloison <i>Bulkhead adapter female</i>		BCM	Raccord mâle avec traversée de cloison <i>Bulkhead adapter male</i>
	BU	Union avec traversée de cloison <i>Bulkhead union</i>		BA	Adaptateur avec traversée de cloison <i>Bulkhead adapter</i>
	N	Ecrou <i>Nut</i>		P	Obturateur de raccord <i>Plug</i>
	C	Croix <i>Tube cross</i>		TFT	Té avec raccord femelle <i>Tee</i>
	CBW	Raccord à souder <i>Connector butt weld</i>		Ti	Insert <i>Tube insert</i>
	CF	Raccord femelle <i>Connector female</i> réf. 2490 F [NPT] - réf. 2490 G [Gaz]		CM	Raccord mâle <i>Connector male</i> réf. 2490 D [NPT] - réf. 2490 E [Gaz]
	TTF	Té raccord femelle <i>Tee</i>		TMF	Té avec raccord mâle <i>Tee</i>
	CP	Obturateur bout de tube <i>Cap</i>		PC	Embout <i>Port connector</i>
 	FF FR	Ferrule avant - Front Ferrule arrière - Rear		TTT	Té union réf. 2490 B <i>All tube tee</i>
	R	Raccord avec réduction <i>Reducer</i>		U	Raccord union réf. 2490 A <i>Union</i>