

■ ■ **MAMELONS ET MANCHONS ACIER**

■ **STEEL NIPPLES AND SOCKETS**

■ **NIPLES Y MANGUITOS DE ACERO**



Art. 2270 Noir

**Manchon acier noir
- série standard**

Medium type
- black steel socket
Manguito de acero negro
- serie media



Art. 530 Noir

Mamelon acier noir
Black steel pipe nipple
Niple de acero negro



Art. 2270 Galva

**Manchon acier galvanisé
- série standard**

Medium type
- galvanized steel socket
Manguito de acero galvanizado
- serie media



Art. 530 Galva

Mamelon acier galvanisé
Galvanized steel pipe nipple
Niple de acero galvanizado



Art. 2271

**1/2 Manchon acier noir
- série standard**

Medium type
- black steel half socket
1/2 Manguito de acero negro
- serie media



Art. 532

1/2 Mamelon acier noir
Black steel half pipe nipple
1/2 Niple de acero negro



Art. 2272

**1/2 Manchon acier noir
- série lourde**

Heavy type
- black steel half socket
1/2 Manguito de acero negro
- serie pesada



Art. 533

**Mamelon acier noir
- grande longueur**
Black steel pipe nipple
- long model
Niple de acero negro
- gran longitud



Art. 2273

**Manchon acier noir
- série lourde**

Heavy type
- black steel socket
Manguito de acero negro
- serie pesada

Conditions d'utilisation

- Applications : Transports de fluides et de gaz
- Pression : Mamelons - PN 20 bar
Manchons - PN 50bar.

Conditions of use

- Applications: Transport of fluids and gases
- Pressure: Nipples - PN 20 bar
Sockets - PN 50 bar.

Condiciones de uso

- Aplicaciones: Transporte de fluidos y de gases
- Presión: Niples - PN 20 bar
Manguitos - PN 50 bar

Caractéristiques techniques

- Matière : Mamelons - S195T / S235
Manchons - S235JR
- Fabriqués selon la norme EN 10241 à partir de tube en acier soudé ou sans soudure.
- Raccordements : Filetage selon ISO 7-1 (BSPT) , Taraudage traversant parallèle (Rp)

Technical features

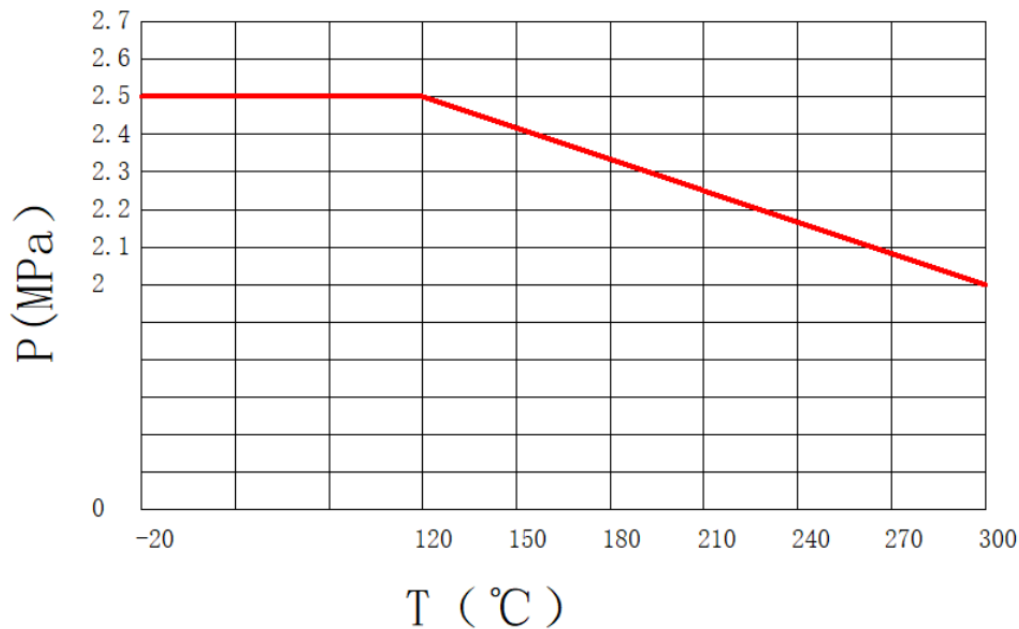
- Material: Nipples - S195T / S235
Sockets - S235JR
- Manufactured according to EN 10241 from welded or seamless pipe.
- Connections: Threading according to ISO 7-1 (BSPT) , Parallel type (Rp)

Características técnicas

- Materia: Niples - S195T / S235
Manguitos - S235JR
- Fabricados según la norma EN 10241 a partir de tubos de acero soldados o sin soldadura.
- Conexiones: Roscado según ISO 7-1 (BSPT), Roscaparalelo (Rp)

Graphique Pression / Température Pressure / Temperature chart

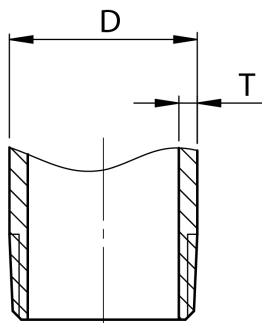
Gráfico Presión / Temperatura



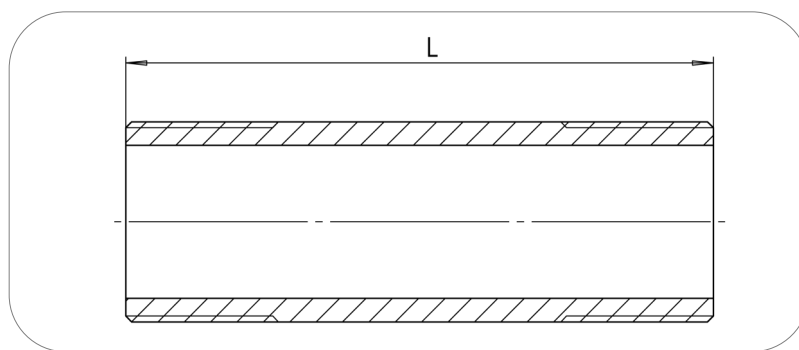
Dimensions des tubes (Mamelons)

Pipes dimensions (Nipples)

Dimensiones de los tubos (Nipples)



Ø/DN			D	T
1/4"	8	8x13	13,2	2,3
3/8"	10	12x17	16,7	2,3
1/2"	15	15x21	21,0	2,6
3/4"	20	20x27	26,5	2,6
1"	25	26x34	33,3	3,2
1"1/4	32	33x42	42,0	3,2
1"1/2	40	40x49	47,9	3,2
2"	50	50x60	59,7	3,6
2"1/2	65	66x76	75,3	3,6
3"	80	80x90	88,0	4,0
4"	100	102x114	113,1	4,5



L	Ø		Ref.	kg
50	1/4"	8/13	1025 300 080050	0.026
	3/8"	12/17	1025 301 200050	0.035
	1/2"	15/21	1025 301 500050	0.054
	3/4"	20/27	1025 302 000050	0.072
	1"	26/34	1025 302 600050	0.086
	1"1/4	33/42	1025 303 300050	0.107
	1"1/2	40/49	1025 304 000050	0.135
	2"	50/60	1025 305 000050	0.190

L	Ø		Ref.	kg
60	1/4"	8/13	1025300080060	0.033
	3/8"	12/17	1025301200060	0.045
	1/2"	15/21	1025301500060	0.067
	3/4"	20/27	1025302000060	0.089
	1"	26/34	1025302600060	0.111
	1"1/4	33/42	1025303300060	0.141
	1"1/2	40/49	1025304000060	0.175
	2"	50/60	1025305000060	0.244
	2"1/2	66/76	1025306600060	0.376
	3"	80/90	1025308000060	0.444
4"	102/114	1025301020060	0.533	

L	Ø		Ref.	kg
80	1/4"	8/13	1025300080080	0.046
	3/8"	12/17	1025301200080	0.064
	1/2"	15/21	1025301500080	0.092
	3/4"	20/27	1025302000080	0.123
	1"	26/34	1025302600080	0.161
	1"1/4	33/42	1025303300080	0.209
	1"1/2	40/49	1025304000080	0.256
	2"	50/60	1025305000080	0.353
	2"1/2	66/76	1025306600080	0.548
	3"	80/90	1025308000080	0.606
4"	102/114	1025301020080	0.854	

L	Ø	Ref.	kg	
100	1/4"	8/13	1025300080100	0.058
	3/8"	12/17	1025301200100	0.083
	1/2"	15/21	1025301500100	0.118
	3/4"	20/27	1025302000100	0.156
	1"	26/34	1025302600100	0.211
	1"1/4	33/42	1025303300100	0.276
	1"1/2	40/49	1025304000100	0.337
	2"	50/60	1025305000100	0.412
	2"1/2	66/76	1025306600100	0.721
	3"	80/90	1025308000100	0.832
4"	102/114	1025301020100	1.176	

L	Ø		Ref.	kg
120	1/4"	8/13	1025300080120	0.071
	3/8"	12/17	1025301200120	0.102
	1/2"	15/21	1025301500120	0.143
	3/4"	20/27	1025302000120	0.190
	1"	26/34	1025302600120	0.261
	1"1/4	33/42	1025303300120	0.344
	1"1/2	40/49	1025304000120	0.418
	2"	50/60	1025305000120	0.571
	2"1/2	66/76	1025306600120	0.894
	3"	80/90	1025308000120	1.058
4"	102/114	1025301020120	1.497	

L	Ø	Ref.	kg	
150	1/4"	8/13	1025300080150	0.090
	3/8"	12/17	1025301200150	0.130
	1/2"	15/21	1025301500150	0.181
	3/4"	20/27	1025302000150	0.241
	1"	26/34	1025302600150	0.336
	1"1/4	33/42	1025303300150	0.446
	1"1/2	40/49	1025304000150	0.540
	2"	50/60	1025305000150	0.734
	2"1/2	66/76	1025306600150	1.153
	3"	80/90	1025308000150	1.397
4"	102/114	1025301020150	1.979	

Art. 530 Noir**Mamelon Acier**

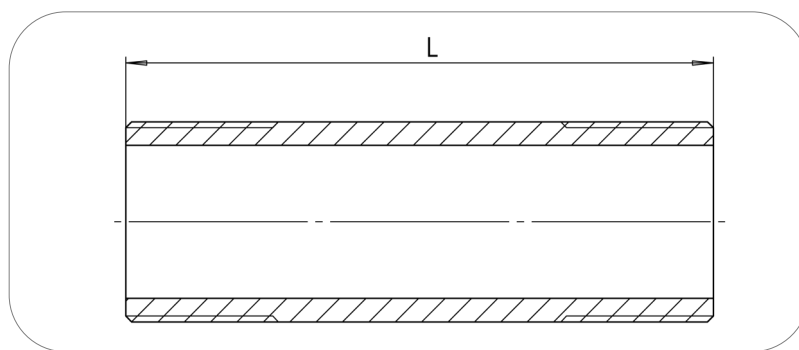
Steel Nipple

Niple de Acero



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L	Ø	Ref.	kg
175	1"	26/34	1025302600175
			-

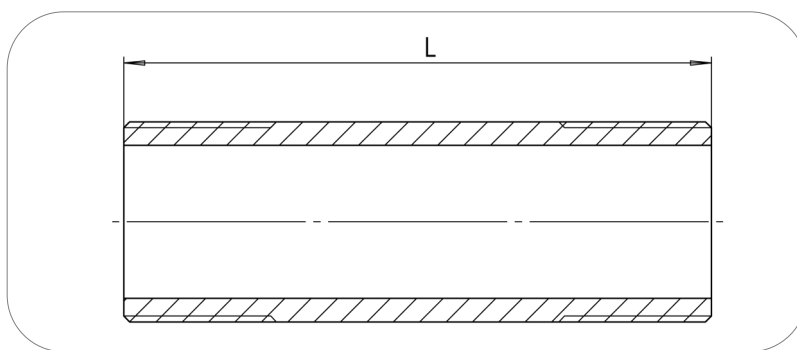
L	Ø	Ref.	kg
180	1/4"	8/13	1025300080180
			0.093
	3/8"	12/17	1025301200180
			0.122
	1/2"	15/21	1025301500180
			0.219
	3/4"	20/27	1025302000180
			0.236
	1"	26/34	1025302600180
			0.411
	1"1/4	33/42	1025303300180
			0.548
	1"1/2	40/49	1025304000180
			0.661
	2"	50/60	1025305000180
			0.897
	2"1/2	66/76	1025306600180
			-
	3"	80/90	1025308000180
			1.735
	4"	102/114	1025301020180
			2.461

L	Ø	Ref.	kg
200	1/4"	8/13	1025300080200
			0.122
	3/8"	12/17	1025301200200
			0.178
	1/2"	15/21	1025301500200
			0.245
	3/4"	20/27	1025302000200
			0.325
	1"	26/34	1025302600200
			0.461
	1"1/4	33/42	1025303300200
			0.615
	1"1/2	40/49	1025304000200
			0.742
	2"	50/60	1025305000200
			1.006
	2"1/2	66/76	1025306600200
			1.584
	3"	80/90	1025308000200
			1.961
	4"	102/114	1025301020200
			2.783

L	Ø	Ref.	kg
250	3/8"	12/17	1025301200250
			0.225
	1/2"	15/21	1025301500250
			0.308
	3/4"	20/27	1025302000250
			0.410
	1"	26/34	1025302600250
			0.586
	1"1/4	33/42	1025303300250
			0.785
	1"1/2	40/49	1025304000250
			0.945
	2"	50/60	1025305000250
			1.278
	2"1/2	66/76	1025306600250
			2.016
	3"	80/90	1025308000250
			2.526
	4"	102/114	1025301020250
			3.586

L	Ø	Ref.	kg
300	3/8"	12/17	1025301200300
			0.273
	1/2"	15/21	1025301500300
			0.372
	3/4"	20/27	1025302000300
			0.494
	1"	26/34	1025302600300
			0.711
	1"1/4	33/42	1025303300300
			0.954
	1"1/2	40/49	1025304000300
			1.147
	2"	50/60	1025305000300
			1.550
	2"1/2	66/76	1025306600300
			2.447
	3"	80/90	1025308000300
			3.090
	4"	102/114	1025301020300
			4.390

L	Ø	Ref.	kg
400	1/2"	15/21	1025301500400
			0.499
	3/4"	20/27	1025302000400
			0.663
	1"	26/34	1025302600400
			0.961
	1"1/4	33/42	1025303300400
			1.293
	1"1/2	40/49	1025304000400
			1.552
	2"	50/60	1025305000400
			2.094
	2"1/2	66/76	1025306600400
			3.310
	3"	80/90	1025308000400
			4.219
	4"	102/114	1025301020400
			5.997



L	Ø		Ref.	kg
50	1/4"	8/13	1525300800050	0.026
	3/8"	12/17	1525300120050	0.035
	1/2"	15/21	1525300150050	0.054
	3/4"	20/27	1525300200050	0.072
	1"	26/34	1525300260050	0.086
	1"1/4	33/42	1525300330050	0.107
	1"1/2	40/49	1525300400050	0.135
	2"	50/60	1525300500050	0.190

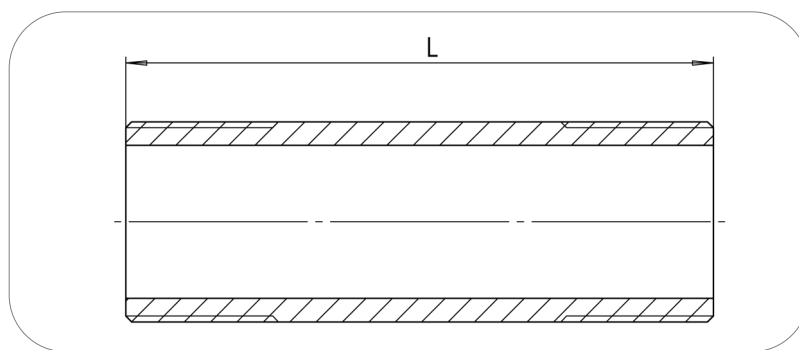
L	Ø		Ref.	kg
60	1/4"	8/13	152530080060	0.033
	3/8"	12/17	1525300120060	0.045
	1/2"	15/21	1525300150060	0.067
	3/4"	20/27	1525300200060	0.089
	1"	26/34	1525300260060	0.111
	1"1/4	33/42	1525300330060	0.141
	1"1/2	40/49	1525300400060	0.175
	2"	50/60	1525300500060	0.244

L	Ø		Ref.	kg
80	1/4"	8/13	152530080080	0.046
	3/8"	12/17	1525300120080	0.064
	1/2"	15/21	1525300150080	0.092
	3/4"	20/27	1525300200080	0.123
	1"	26/34	1525300260080	0.161
	1"1/4	33/42	1525300330080	0.209
	1"1/2	40/49	1525300400080	0.256
	2"	50/60	1525300500080	0.353
	2"1/2	66/76	1525300660080	0.548
	3"	80/90	1525300800080	0.606
4"	102/114	1525301020080	0.854	

L	Ø		Ref.	kg
100	1/4"	8/13	1525300080100	0.058
	3/8"	12/17	1525300120100	0.083
	1/2"	15/21	1525300150100	0.118
	3/4"	20/27	1525300200100	0.156
	1"	26/34	1525300260100	0.211
	1"1/4	33/42	1525300330100	0.276
	1"1/2	40/49	1525300400100	0.337
	2"	50/60	1525300500100	0.462
	2"1/2	66/76	1525300660100	0.721
	3"	80/90	1525300800100	0.832
4"	102/114	1525301020100	1.176	

L	Ø		Ref.	kg
120	1/4"	8/13	1525 300 080120	0.071
	3/8"	12/17	1525 300 120120	0.102
	1/2"	15/21	1525 300 150120	0.143
	3/4"	20/27	1525 300 200120	0.190
	1"	26/34	1525 300 260120	0.261
	1"1/4	33/42	1525 300 330120	0.344
	1"1/2	40/49	1525 300 400120	0.418
	2"	50/60	1525 300 500120	0.571
	2"1/2	66/76	1525 300 660120	0.894
	3"	80/90	1525 300 800120	1.058
4"	102/114	1525 301 020120	1.497	

L	Ø		Ref.	kg
150	1/4"	8/13	1525300080150	0.090
	3/8"	12/17	1525300120150	0.130
	1/2"	15/21	1525300150150	0.181
	3/4"	20/27	1525300200150	0.241
	1"	26/34	1525300260150	0.336
	1"1/4	33/42	1525300330150	0.446
	1"1/2	40/49	1525300400150	0.540
	2"	50/60	1525300500150	0.734
	2"1/2	66/76	1525300660150	1.153
	3"	80/90	1525300800150	1.397
4"	102/114	1525301020150	1.979	



L	Ø		Ref.	kg
180	1/4"	8/13	1525300080180	0.093
	3/8"	12/17	1525300120180	0.159
	1/2"	15/21	1525300150180	0.219
	3/4"	20/27	1525300200180	0.236
	1"	26/34	1525300260180	0.411
	1"1/4	33/42	1525300330180	0.548
	1"1/2	40/49	1525300400180	0.661
	2"	50/60	1525300500180	0.897
	2"1/2	66/76	1525300660180	0.970
	3"	80/90	1525300800180	1.735
4"	102/114	1525301020180	1.832	

L	Ø		Ref.	kg
200	1/4"	8/13	1525 300 080200	0.122
	3/8"	12/17	1525 300 120200	0.178
	1/2"	15/21	1525 300 150200	0.245
	3/4"	20/27	1525 300 200200	0.325
	1"	26/34	1525 300 260200	0.461
	1"1/4	33/42	1525 300 330200	0.615
	1"1/2	40/49	1525 300 400200	0.742
	2"	50/60	1525 300 500200	1.006
	2"1/2	66/76	1525 300 660200	1.584
	3"	80/90	1525 300 800200	1.961
4"	102/114	1525 301 020200	2.783	

L	Ø		Ref.	kg
250	1/4"	8/13	1525300080250	0.136
	3/8"	12/17	1525300120250	0.225
	1/2"	15/21	1525300150250	0.308
	3/4"	20/27	1525300200250	0.410
	1"	26/34	1525300260250	0.586
	1"1/4	33/42	1525300330250	0.785
	1"1/2	40/49	1525300400250	0.945
	2"	50/60	1525300500250	1.278
	2"1/2	66/76	1525300660250	2.016
	3"	80/90	1525300800250	2.526
4"	102/114	1525301020250	3.586	

L	Ø		Ref.	kg
300	1/4"	8/13	1525300080300	0.125
	3/8"	12/17	1525300120300	0.273
	1/2"	15/21	1525300150300	0.372
	3/4"	20/27	1525300200300	0.494
	1"	26/34	1525300260300	0.711
	1"1/4	33/42	1525300330300	0.954
	1"1/2	40/49	1525300400300	1.147
	2"	50/60	1525300500300	1.550
	2"1/2	66/76	1525300660300	2.447
	3"	80/90	1525300800300	3.090
4"	102/114	1525301020300	4.390	

L	Ø	Ref.	kg	
400	1/2"	15/21	1525300150400	0.499
	3/4"	20/27	1525300200400	0.663
	1"	26/34	1525300260400	0.961
	1"1/4	33/42	1525300330400	1.293
	1"1/2	40/49	1525300400400	1.552
	2"	50/60	1525300500400	2.094
	2"1/2	66/76	1525300660400	3.310
	3"	80/90	1525300800400	4.219
	4"	102/114	1525301020400	5.997

L	Ø	Ref.	kg	
500	3/8"	12/17	1025300120500	0.463
	1/2"	15/21	1025300150500	0.626
	3/4"	20/27	1025300200500	0.832
	1"	26/34	1025300260500	1.211
	1"1/4	33/42	1025300330500	1.632
	1"1/2	40/49	1025300400500	1.957
	2"	50/60	1025300500500	2.638
	2"1/2	66/76	1025300660500	4.173
	3"	80/90	1025300800500	5.348
	4"	102/114	1025301020500	7.604

Art. 530 Galva

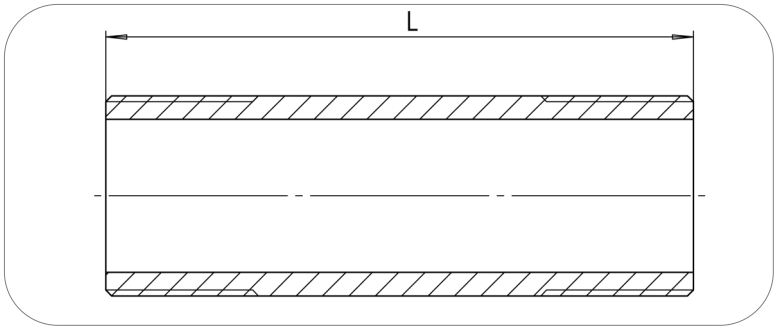
Mamelon Acier

Steel Nipple

Niple de Acero

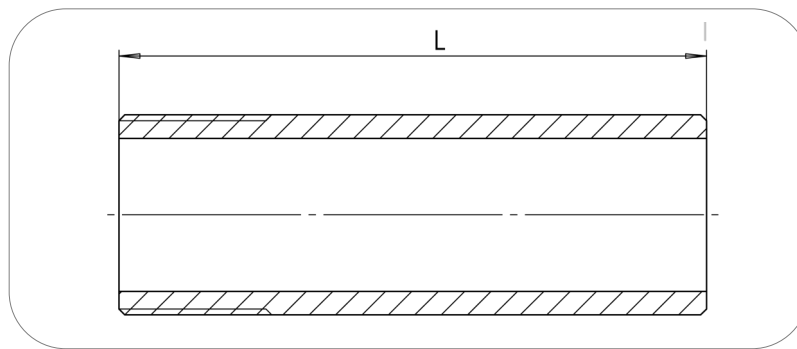


FICHE TECHNIQUE
TECHNICAL SHEET
FICHA TÉCNICA



L	Ø		Ref.	kg
600	1/2"	15/21	1025300150600	0.753
	3/4"	20/27	1025300200600	1.001
	1"	26/34	1025300260600	1.461
	1"1/4	33/42	1025300330600	1.600
	1"1/2	40/49	1025300400600	2.362
	2"	50/60	1025300500600	3.182
	2"1/2	66/76	1025300660600	5.036
	3"	80/90	1025300800600	6.477
4"	102/114	1025301020600	9.211	
L	Ø		Ref.	kg
800	1/2"	15/21	1025300150800	1.007
	3/4"	20/27	1025300200800	1.339
	1"	26/34	1025300260800	1.961
	1"1/4	33/42	1025300330800	2.649
	1"1/2	40/49	1025300400800	3.172
	2"	50/60	1025300500800	4.270
	2"1/2	66/76	1025300660800	6.762
	3"	80/90	1025300800800	8.735
4"	102/114	1025301020800	12.425	
L	Ø		Ref.	kg
1000	3/8"		1025301201000	0.938
	1/2"	15/21	1025301501000	1.261
	3/4"	20/27	1025302001000	1.677
	1"	26/34	1025302601000	2.461
	1"1/4	33/42	1025303301000	3.327
	1"1/2	40/49	1025304001000	3.982
	2"	50/60	1025305001000	5.358
	2"1/2	66/76	1025306601000	8.488
	3"	80/90	1025308001000	10.993
	4"	102/114	1025301021000	15.639
L	Ø		Ref.	kg
1500	1/2"	15/21	1025301501500	1.896
	3/4"	20/27	1025302001500	2.522
	1"	26/34	1025302601500	3.711
	1"1/4	33/42	1025303301500	5.022
	1"1/2	40/49	1025304001500	6.007
	2"	50/60	1025305001500	8.078
	2"1/2	66/76	1025306601500	12.803
	3"	80/90	1025308001500	12.580
4"	102/114	1025301021500	23.674	

L	Ø		Ref.	kg
2000	3/8"		1025301202000	1.888
	1/2"	15/21	1025301502000	2.531
	3/4"	20/27	1025302002000	3.367
	1"	26/34	1025302602000	4.961
	1"1/4	33/42	1025303302000	6.717
	1"1/2	40/49	1025304002000	8.032
	2"	50/60	1025305002000	10.798
	2"1/2	66/76	1025306602000	17.118
	3"	80/90	1025308002000	22.283
	4"	102/114	1025301022000	31.709
L	Ø		Ref.	kg
2500	1/2"	15/21	1025301502500	2.900
	3/4"	20/27	1025302002500	4.212
	1"	26/34	1025302602500	6.211
	1"1/4	33/42	1025303302500	8.412
	1"1/2	40/49	1025304002500	8.400
	2"	50/60	1025305002500	13.518
	2"1/2	66/76	1025306602500	21.433
	3"	80/90	1025308002500	27.928
	4"	102/114	1025301022500	39.640
L	Ø		Ref.	kg
3000	1/2"	15/21	1025301503000	3.500
	3/4"	20/27	1025302003000	5.027
	1"	26/34	1025302603000	7.461
	1"1/4	33/42	1025303303000	9.000
	1"1/2	40/49	1025304003000	12.082
	2"	50/60	1025305003000	16.238
	2"1/2	66/76	1025306603000	25.748
	3"	80/90	1025308003000	33.573
	4"	102/114	1025301023000	47.779
L	Ø		Ref.	kg
3500	3/4"	20/27	1025302003500	5.500



L	Ø		Ref.	kg
50	1/2"	15/21	1025 32 1500050	0.059
	3/4"	20/27	1025 32 2000050	0.078
	2"	50/60	1025 32 0500050	0.231

L	Ø		Ref.	kg
60	1/4"	8/13	1025320800060	0.036
	3/8"	12/17	1025321200060	0.051
	1/2"	15/21	1025321500060	0.072
	3/4"	20/27	1025322000060	0.095
	1"	26/34	1025322600060	0.131
	1"1/4	33/42	1025323300060	0.172
	1"1/2	40/49	1025324000060	0.209
	2"	50/60	1025325000060	0.285
	2"1/2	66/76	1025326600060	0.449
	3"	80/90	1025328000060	0.529
	4"	102/114	1025321020060	0.749

L	Ø		Ref.	kg
80	3/8"	12/17	1025321200080	0.070
	1/2"	15/21	1025321500080	0.097
	3/4"	20/27	1025322000080	0.129
	1"	26/34	1025322600080	0.181
	1"1/4	33/42	1025323300080	0.240
	1"1/2	40/49	1025324000080	0.290
	2"	50/60	1025325000080	0.394
	2"1/2	66/76	1025326600080	0.621
	3"	80/90	1025328000080	0.755
	4"	102/114	1025321020080	1.070

L	Ø	Ref.	kg	
100	1/4"	8/13	1025320800100	0.061
	3/8"	12/17	1025321200100	0.089
	1/2"	15/21	1025321500100	0.122
	3/4"	20/27	1025322000100	0.163
	1"	26/34	1025322600100	0.231
	1"1/4	33/42	1025323300100	0.308
	1"1/2	40/49	1025324000100	0.371
	2"	50/60	1025325000100	0.503
	2"1/2	66/76	1025326600100	0.794
	3"	80/90	1025328000100	0.981
	4"	102/114	1025321020100	1.391
	5"	-	1025321250100	-

L	Ø		Ref.	kg
150	1/2"	15/21	1025321500150	0.186
	3/4"	20/27	1025322000150	0.247
	1"	26/34	1025322600150	0.356
	1"1/4	33/42	1025323300150	0.477
	1"1/2	40/49	1025320400150	0.574
	2"	50/60	1025325000150	0.775
	2"1/2	66/76	1025326600150	1.225
	3"	80/90	1025328000150	1.545
	4"	102/114	1025321020150	2.195

L	Ø		Ref.	kg
250	2"1/2	66/76	1025326600250	2.088

Art. 533 Noir

Mamelon Acier - Grandes longueurs

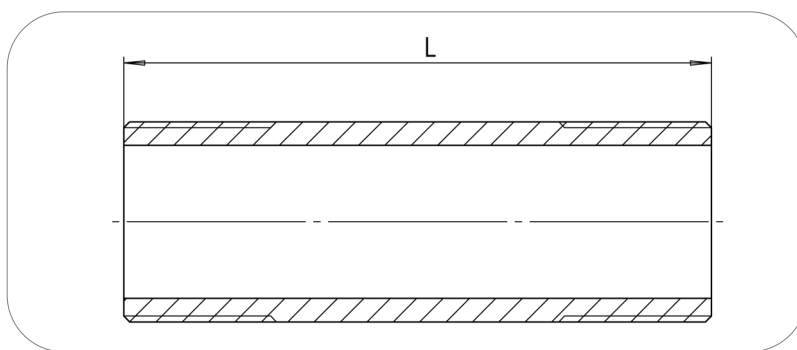
Steel Nipple - Long model

Niple de Acero - Gran Longitud



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codital 
1965



L	Ø	Ref.	kg
500	1/2"	15/21 1025331500500	0.626
	3/4"	20/27 1025332000500	0.832
	1"	26/34 1025332600500	1.211
	1 1/4"	33/42 1025333300500	1.531

L	Ø	Ref.	kg
1250	1/2"	15/21 1025331501250	1.576
	3/4"	20/27 1025332001250	2.096
	1"	26/34 1025332601250	3.076
	1 1/4"	33/42 1025333301250	3.900

L	Ø	Ref.	kg
700	1/2"	15/21 1025331500700	0.883
	3/4"	20/27 1025332000700	1.174
	1"	26/34 1025332600700	1.723
	1 1/4"	33/42 1025333300700	1.195

L	Ø	Ref.	kg
1500	1/2"	15/21 1025331501500	1.896
	3/4"	20/27 1025332001500	2.522
	1"	26/34 1025332601500	3.711
	1 1/4"	33/42 1025333301500	4.850

L	Ø	Ref.	kg
850	1/2"	15/21 1025331500850	1.072
	3/4"	20/27 1025332000850	1.426
	1"	26/34 1025332600850	2.092
	1 1/4"	33/42 1025333300850	2.650

L	Ø	Ref.	kg
2000	1/2"	15/21 1025331502000	5.022
	3/4"	20/27 1025332002000	6.007
	1"	26/34 1025332602000	8.078

L	Ø	Ref.	kg
1000	1/2"	15/21 1025331501000	1.261
	3/4"	20/27 1025332001000	1.677
	1"	26/34 1025332601000	2.461
	1 1/4"	33/42 1025333301000	3.080

L	Ø	Ref.	kg
2500	1/2"	15/21 1025331502500	12.803
	3/4"	20/27 1025332002500	12.58
	1"	26/34 1025332602500	23.674

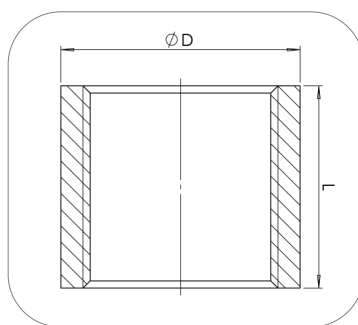
Manchon Acier - Série Standard

Medium Type - Steel Socket

Manguito de Acero - Serie Media

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TECHNICAL SHEET
FICHA TÉCNICA

codital 1965



Art. 2270 Noir



Manchon acier noir - série standard

Medium type - black steel socket

Manguito de acero negro - serie media

	Ø		D	L	Ref.	kg
1/8"	6	5x10	15.0	17	1022700000500	0.011
1/4"	8	8x13	18.5	25	1022700000800	0.029
3/8"	10	12x17	21.3	26	1022700001200	0.035
1/2"	15	15x21	26.6	34	1022700001500	0.068
3/4"	20	20x27	31.8	36	1022700002000	0.083
1"	25	26x34	39.5	43	1022700002600	0.145
1 1/4"	32	33x42	48.3	48	1022700003300	0.205
1 1/2"	40	40x49	54.5	48	1022700004000	0.237
2"	50	50x60	66.2	56	1022700005000	0.340
2 1/2"	65	66x76	82.0	65	1022700006600	0.535
3"	80	80x90	95.0	71	1022700008000	0.690
4"	100	102x114	121.4	83	1022700010200	1.165
5"	125	125x139	146.3	92	1022700012500	1.615

Art. 2270 Galva

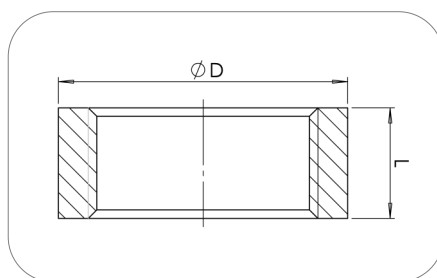


Manchon acier galvanisé- série standard

Medium type - galvanised steel socket

Manguito de acero galvanizado- serie media

	Ø		D	L	Ref.	kg
1/8"	6	5x10	15.0	17	1522700000500	0.015
1/4"	8	8x13	18.5	25	1522700000800	0.031
3/8"	10	12x17	21.3	26	1522700001200	0.044
1/2"	15	15x21	26.6	34	1522700001500	0.068
3/4"	20	20x27	31.8	36	1522700002000	0.085
1"	25	26x34	39.5	43	1522700002600	0.142
1 1/4"	32	33x42	48.3	48	1522700003300	0.205
1 1/2"	40	40x49	54.5	48	1522700004000	0.230
2"	50	50x60	66.2	56	1522700005000	0.345
2 1/2"	65	66x76	82.0	65	1522700006600	0.540
3"	80	80x90	95.0	71	1522700008000	0.680
4"	100	102x114	121.4	83	1522700010200	1.200
5"	125	125x139	146.3	92	1522700012500	1.645



Art. 2271



1/2 Manchon acier noir - série standard

Medium type - black steel half socket

1/2 Manguito de acero negro - serie media

	Ø		D	L	Ref.	kg
1/2"	15	15x21	26.6	15	1022710001500	0.029
3/4"	20	20x27	31.8	17	1022710002000	0.040
1"	25	26x34	39.5	20	1022710002600	0.062
1 1/4"	32	33x42	48.3	22	1022710003300	0.092
1 1/2"	40	40x49	54.5	22	1022710004000	0.105
2"	50	50x60	68.0	26	1022710005000	0.165
2 1/2"	65	66x76	84.0	30	1022710006600	0.275

Manchon Acier - Série Lourde

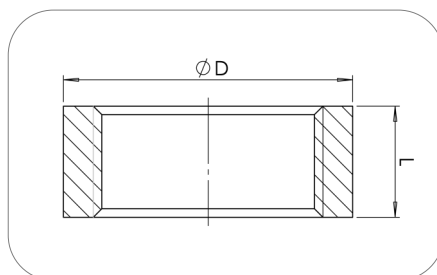
Heavy Type - Steel Socket

Manguito de Acero - Serie Pesada

FICHE TECHNIQUE

TECHNICAL SHEET

FICHA TÉCNICA



Art. 2272

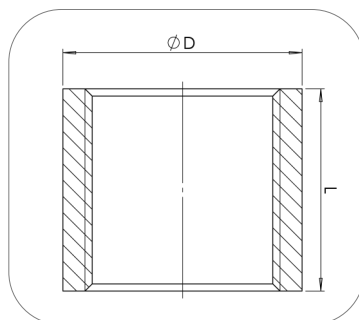


1/2 Manchon acier noir - série lourde

Heavy type - black steel half socket

1/2 Manguito de acero negro - serie pesada

	Ø		D	L	Ref.	kg
1/2"	15	15x21	27	16	1022720001500	0.030
3/4"	20	20x27	32.5	19	1022720002000	0.045
1"	25	26x34	39.5	21	1022720002600	0.070
1"1/4	32	33x42	49.0	25	1022720003300	0.115
1"1/2	40	40x49	56.0	25	1022720004000	0.154
2"	50	50x60	68.0	28	1022720005000	0.240
2"1/2	65	66x76	84.0	30	1022720006600	0.275



Art. 2273



Manchon acier noir - série lourde

Heavy type - black steel socket

Manguito de acero negro - serie pesada

	Ø		D	L	Ref.	kg
1/2"	15	15x21	27	37	1022730001500	-
3/4"	20	20x27	32.5	39	1022730002000	0.095
1"	25	26x34	39.5	46	1022730002600	-
1"1/4	32	33x42	49.0	51	1022730003300	0.225
1"1/2	40	40x49	56.0	51	1022730004000	0.305
2"	50	50x60	68.0	60	1022730005000	0.435
2"1/2	65	66x76	84.0	69	1022730006600	0.660
3"	80	80x90	98.0	75	1022730008000	0.990
4"	100	102x114	124.0	87	1022730010200	1.535