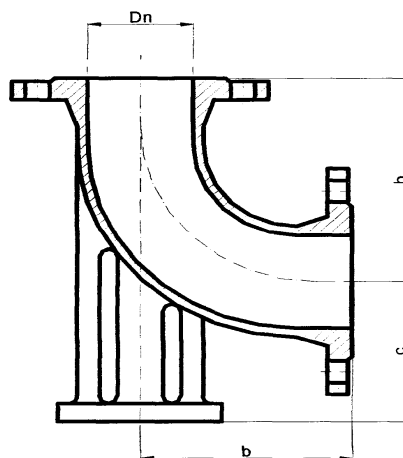


Curva flangiata con piede a 90°

Double flanged 90° duckfoot bends

N

DN	b	a
mm		
80	165	110
100	180	125
150	220	160
200	260	190
250	350	225
300	400	255
400	500	320
500	600	385



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

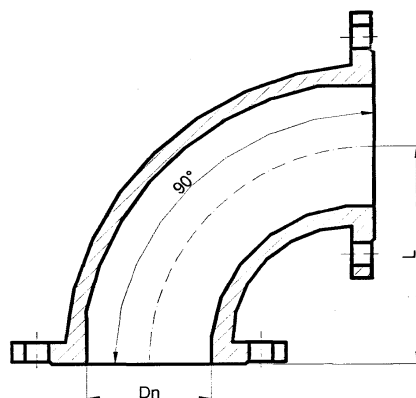
— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a 90° biflangiata

Double flanged 90°

Q

DN	L
mm	
80	165
100	180
125	200
150	220
200	260
250	350
300	400
350	450
400	500
500	600
700	800
800	900
900	1000
1000	1100



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

– cemento interno secondo DIN 2614 / mortar cement inside according to DIN 2614

– vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

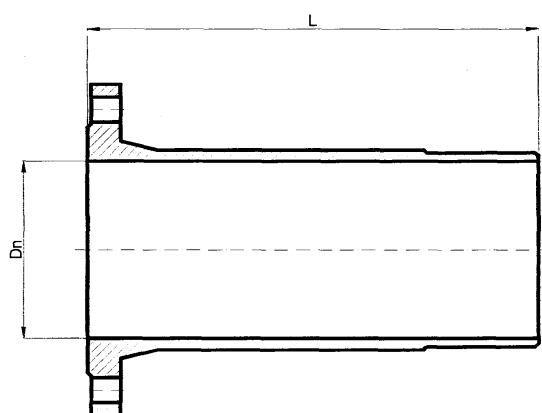
– verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Giunzione ad una flangia

Flanged and spigot piece

F

DN	L
mm	
80	350
100	360
150	380
200	400
250	420
300	440
350	460
400	480
500	520
600	560
700	600
800	842
900	945
1000	1048



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

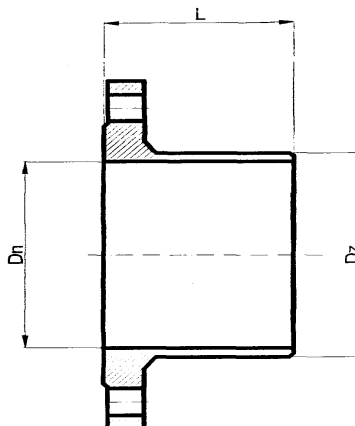
– cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

– vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

– verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Giunzioni corte ad una flangia per tubi pvc*Flanged and spigot piece for pvc***FW**

DN	L	Dz
mm		
80	132	90
100	132	110
150	153	160
200	200	225
250	250	280
350	355	315
400	410	450



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

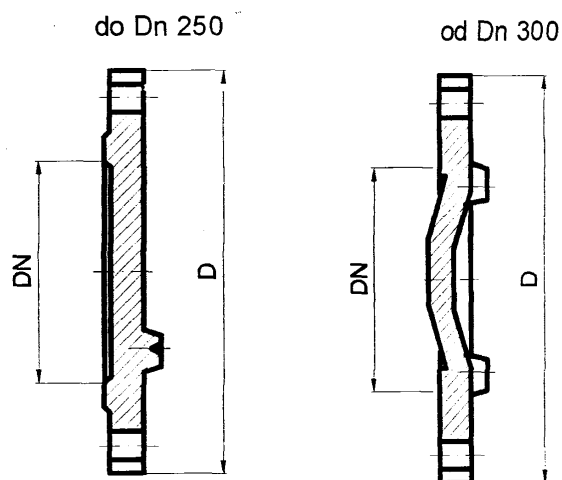
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Flange cieche

Blind flanges

X

DN	D	
	PN 10	PN 16
	mm	
80	200	
100	220	
125	250	
150	285	
200	340	
250	400	
300	455	
350	505	520
400	565	580
500	670	715
600	780	840
700	895	910
800	1015	1025
900	1115	1125
1000	1230	1255



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

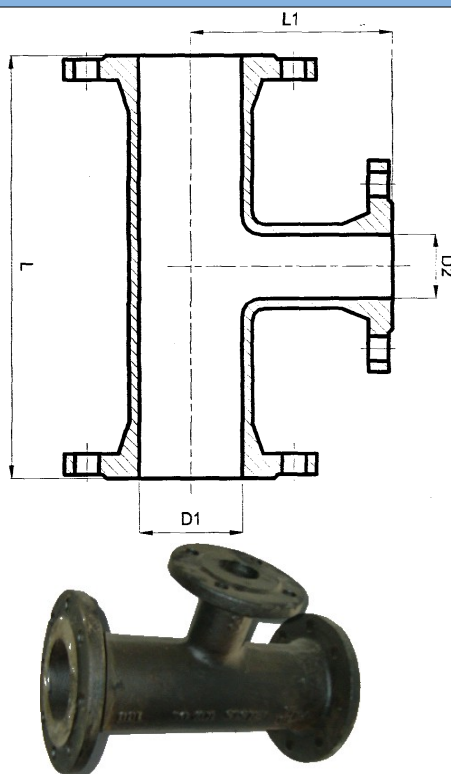
— verniciatura epossidica / epoxy painting

Ti a tre flange

All flanged tee

T

DN	dn	L	L1
mm			
80	80	300	165
100	80	360	175
	100		180
150	80	440	205
	100		210
	150		220
200	80	520	235
	100		240
	150		250
	200		260
250	80	700	275
	100		300
	150		325
	200		350
	250		
300	80	800	300
	100		400
	150		
	200		
	250		
350	200	850	325
	250		425
	300		
	350		
400	200	900	350
	250		450
	300		
	350		
500	400	1000	
	500		
	250		400
	300		500
	350		
600	400	1100	450
	600		550



700	200	650	525
	400	870	555
	700	1200	600
800	200	690	585
	400	910	615
	600	1350	645
	800		675
900	200	730	645
	400	950	675
	600	1500	705
	900		750
1000	200	770	705
	400	900	735
	600	1650	765
	1000		825
1200	200	850	825
	400	1070	855
	600	1950	885
	1200		975

Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

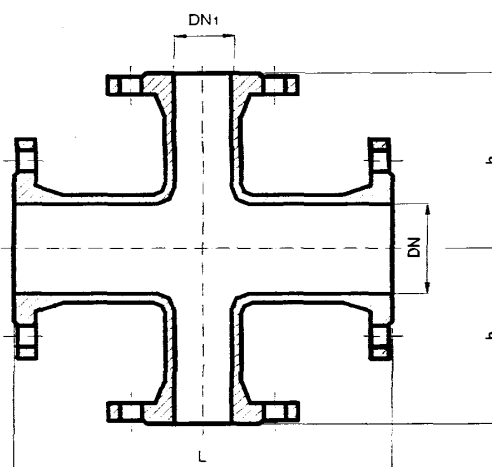
— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Croci a 4 flange

All flanged crosses

TT

DN	L	DN ₁	h
mm			
80	330	80	165
100	360	80	165
		100	180
125	400	125	200
150	440	100	180
		150	220
200	520	100	180
		150	220
		200	260
250	700	250	350
300	800	800	400
400	400	900	450
500	500	1000	500
600	600	1100	550



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

– cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

– vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

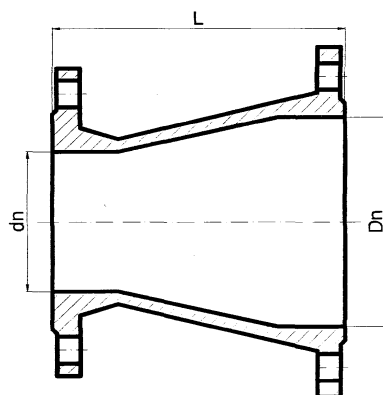
– verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Riduzione a due flange

Double flanged tapers

FFR

DN	dn	L
mm		
80	45	200
	50	
	65	
100	50	200
	65	
	80	
125	80	200
	100	
150	80	200
	100	
	125	
200	80	300
	100	
	125	
	150	
250	200	300
300	200	300
	250	
350	250	300
	300	
400	250	300
	300	
	350	
500	400	600
600	500	600
700	600	600
800	700	600
900	800	600
1000	900	600



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

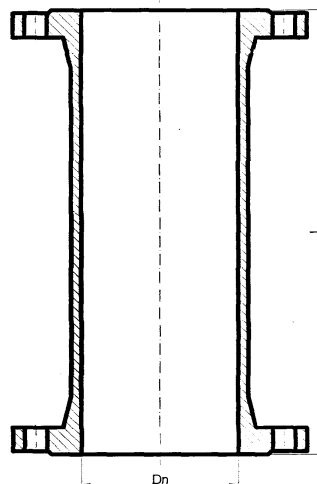
— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Giunzione a due flange*Double flange pieces***FF**

DN	L
mm	
80	Lunghezza come da richiesta cliente
100	
150	
200	
250	
300	
350	
400	
500	
600	
700	
800	
900	
1000	



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

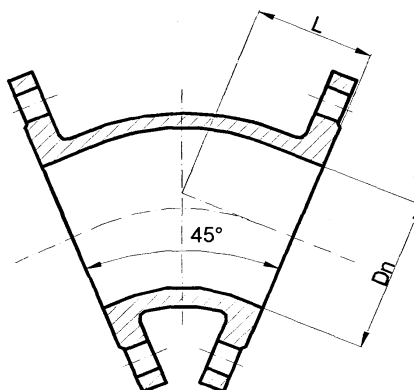
— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due flange a 45°

Double flanged bends

FFK

DN	L
mm	
80	130
100	140
125	150
150	160
200	180
250	350
300	400
350	298
400	324
500	375
600	426
700	478
800	529
900	581
1000	632



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

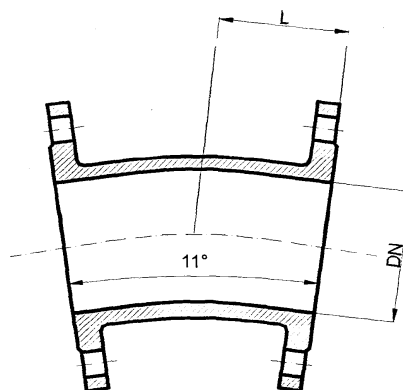
— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due flange a 11°

Double flanged bends

FFK

DN	L
mm	
80	130
100	140
125	150
150	160
200	180
250	350
300	400
350	298
400	324
500	375
600	426
700	478
800	529
900	581
1000	632



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

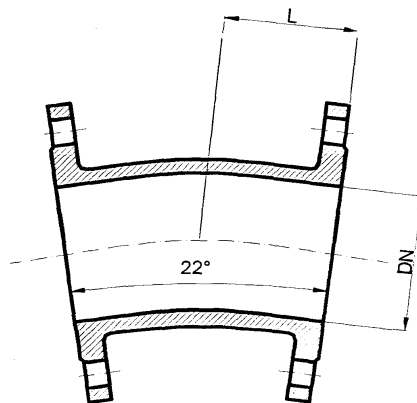
— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due flange a 22°

Double flanged bends

FFK

DN	L
mm	
80	130
100	140
125	150
150	160
200	180
250	350
300	400
350	298
400	324
500	375
600	426
700	478
800	529
900	581
1000	632



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

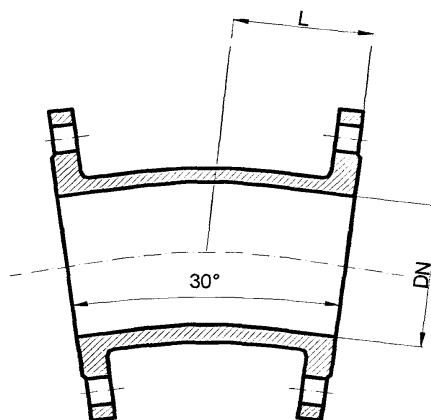
— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due flange a 30°

Double flanged bends

FFK

DN	L
mm	
80	130
100	140
125	150
150	160
200	180
250	350
300	400
350	298
400	324
500	375
600	426
700	478
800	529
900	581
1000	632



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

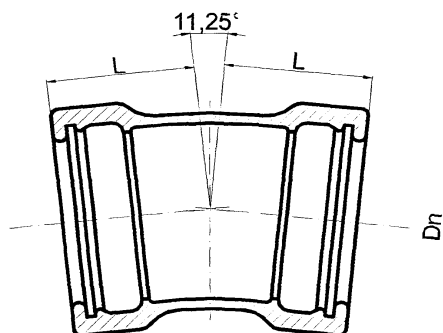
— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due bicchieri a 11° 15`

Double socket bends

MMK

DN	L
mm	
80	30
100	35
125	35
150	40
200	45
250	50
300	60
350	65
400	70
500	85
600	95
700	110
800	125



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

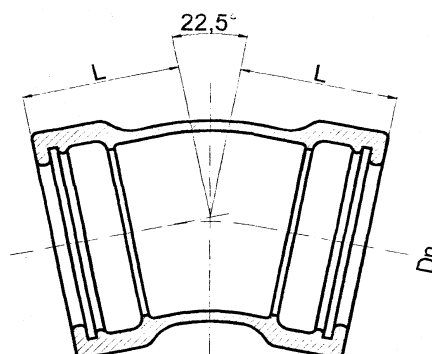
- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due bicchieri a 22° 30`

Double socket bends

MMK

DN	L
mm	
80	40
100	45
125	50
150	55
200	65
250	75
300	90
350	100
400	110
500	135
600	155
700	180
800	205



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

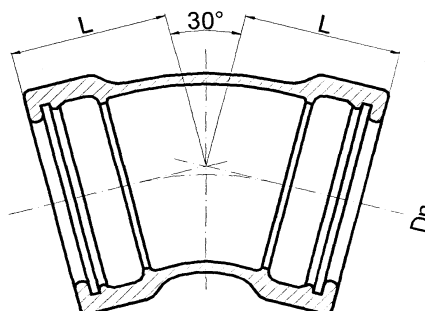
- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due bicchieri a 30°

Double socket bends

MMK

DN	L
mm	
80	45
100	50
125	55
150	65
200	80
250	95
300	110
350	125
400	140
500	170
600	200
700	230
800	260



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

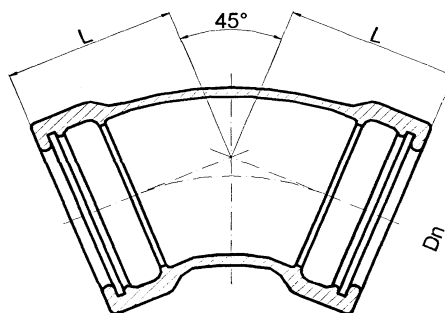
- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due bicchieri a 45°

Double socket bends

MMK

DN	L
mm	
80	55
100	65
125	75
150	85
200	110
250	130
300	155
350	175
400	200
500	240
600	285
700	330
800	375



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

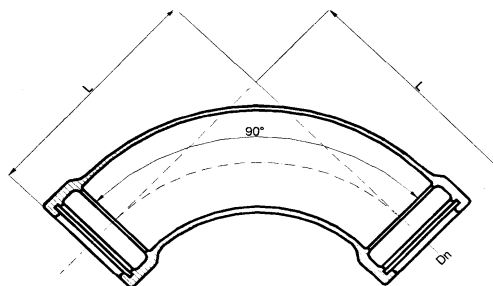
- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Curva a due bicchieri a 90°

Double socket 90° bends

MMQ

DN	L
mm	
80	100
100	125
125	150
150	175
200	225
250	280
300	330
350	410
400	430
500	550
600	645
700	720



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

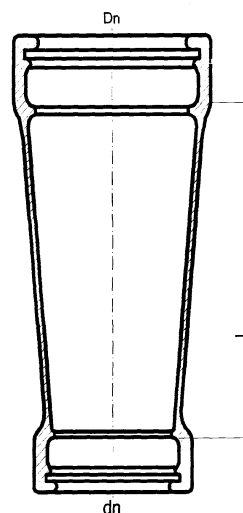
- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Riduzione a due bicchieri

Double socket tapers

MMR

Dn	dn	L
mm		
100	80	90
125	80	140
	100	100
150	80	190
	100	150
	125	100
200	100	250
	125	200
	150	150
250	125	300
	150	250
	200	150
300	150	350
	200	250
	250	150
350	200	360
	250	260
	300	160
400	250	360
	300	260
	350	160
500	350	360
	400	260



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

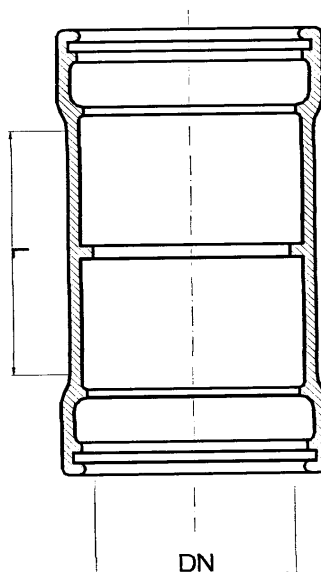
- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Collare a due bicchieri

Double socket collars

MM

Dn	L
mm	
80	158
100	160
150	165
200	170
250	175
300	180



Materiale / Material

— Ghisa st

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

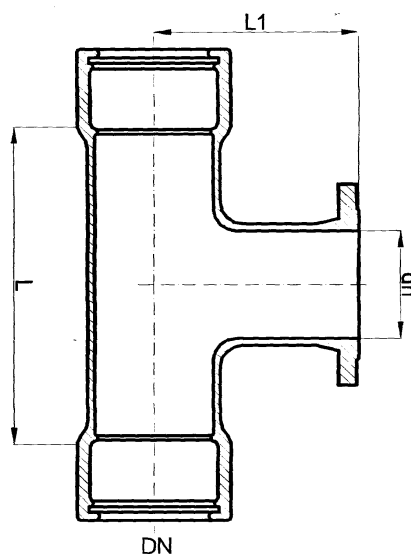
- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

T a 2 bicchieri con derivazione flangiata

Double socket tees with flanged branch

MMA

Dn	dn	L	L ₁
mm			
80	80	212	180
100	80 100	240	200
150	80 100 150	310	225
200	80 100 150 200	380	250
250	80 100 150 200 250	450	275
300	80 100 150 200 250 300	520	300 400
350	200 250 300 350	590	325 425
400	200 250 300 350 400	660	350 450
500	250 300 350 400 500	800	400 500
600	200 400 600	340 570 800	300 540 580



700	200 400 700	345 575 925	525 555 600
800	200 400 600 800	350 580 1045	585 615 545 675

Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

— cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

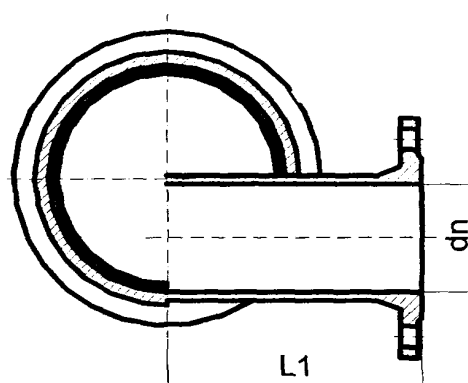
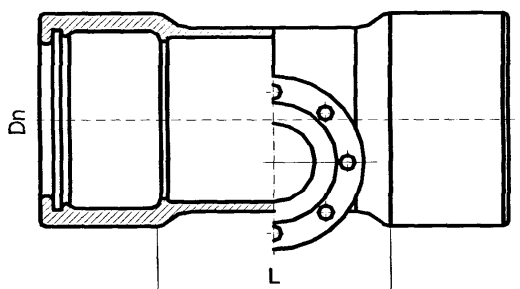
— vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

— verniciatura epossidica interna ed esterna / epoxy painting inside and outside

T a due bicchieri con derivazione flangiata

MMAT
Double socket level invert tees with flanged branch

Dn	dn	L	L ₁
mm			
200	100	500	225
250	150	500	250
300	150	500	275
350	150	500	300
400	150	500	325
500	150	800	425


Materiale / Material
Pressione nominale / Nominal pressure
Dimensioni flange / Flange sizes
Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-500 / , EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

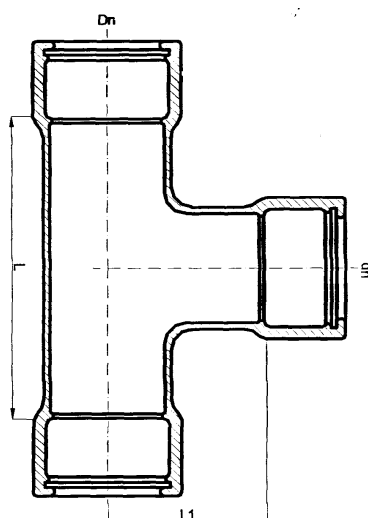
- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

T a tre bicchieri

All socket tees

MMB

Dn	dn	L	L ₁
mm			
80	80	212	106
100	80 100	240	120
150	80 100 150	310	141 145 155
200	80 100 150 200	380	166 170 180 190
250	80 100 150 200 250	450	191 195 205 215 225
300	80 100 150 200 205 300	520	216 220 230 240 250 260
350	200 250 300 350	590	265 275 285 295
400	200 250 300 350 400	660	290 300 310 320 330
500	250 300 350 400 500	800	350 360 370 380 400
600	250 300 350 400 500 600	900	400 410 420 430 440 450



700	300 350 400 500 600 700	1000	450 470 490 510 530 550
800	350 400 500 600 700	1100	500 520 540 560 580

Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

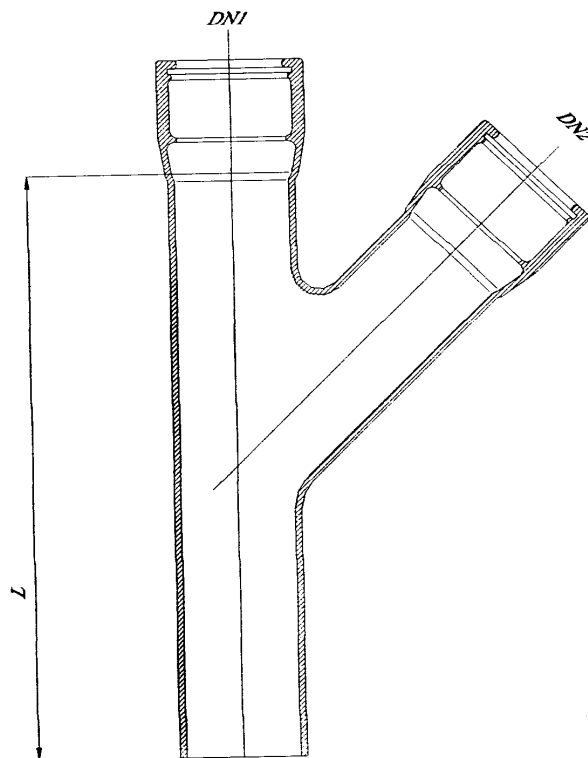
Esecuzione / Execution

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Braga con derivazione a 45° a bicchiere

Socket and spigot pieces with 45° socket angle branch

Y



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Esecuzione / Execution

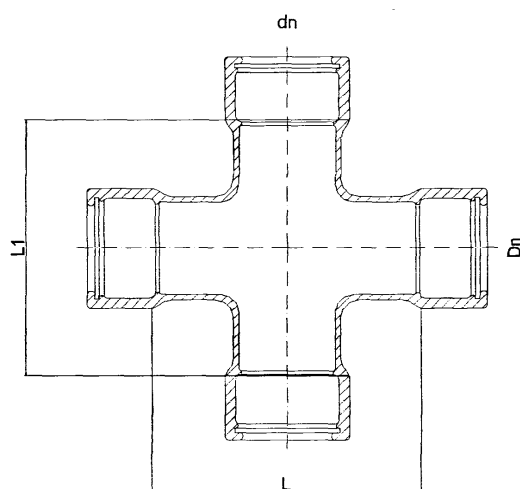
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Croce a 4 bicchieri

All socket crosses

MMBB

Dn	dn	L	L ₁
mm			
80	80	212	106
100	80	240	116
	100		120
150	80	310	141
	100		145
	150		155
200	80	380	166
	100		170
	150		180
	200		190
250	80	450	191
	100		195
	150		205
	200		215
	250		225
300	80	520	216
	100		220
	150		230
	200		240
	250		250
	300		260
350	200	590	265
	250		275
	300		285
	350		295
400	200	660	290
	250		300
	300		310
	350		320
	400		330
500	250	800	350
	300		360
	350		370
	400		380
	500		400



Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Esecuzione / Execution

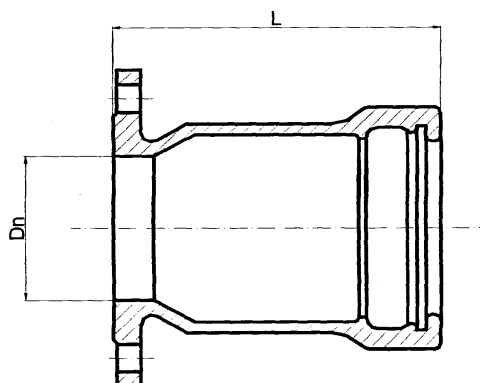
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- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Tazze

Flanged and socket pieces

EU

DN	L
mm	
80	130
100	130
150	135
200	140
250	145
300	150
350	155
400	160
500	170
600	180
700	190
800	200
900	210
1000	220



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

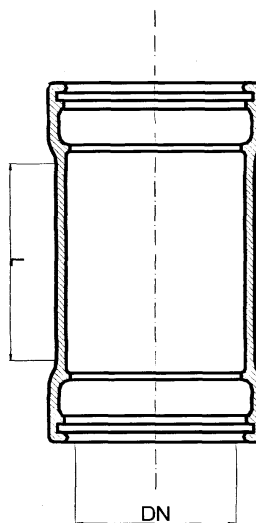
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Giunzione a due bicchieri*Undivided sleeve***U**

DN	L
mm	
80	158
100	160
150	165
200	170
250	175
300	180
350	185
400	190



Materiale / Material

Pressione nominale / Nominal pressure

Dimensioni flange / Flange sizes

Foratura flange / Flanges drilling

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

— PN 10 ; PN 16

— DIN 28 604 ; DIN 28 605

— DIN 2501

Esecuzione / Execution

- cemento interno secondo DIN 2614 / mortar cement inside according to DIN 30674

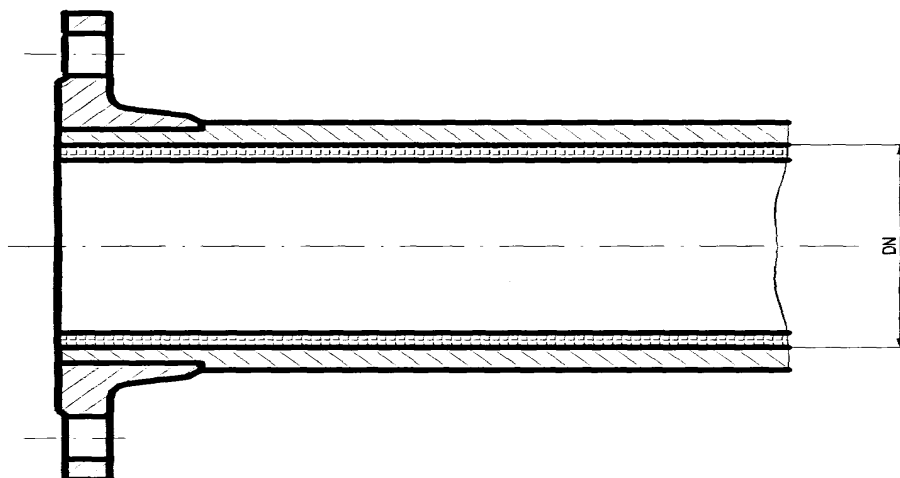
- vernice bituminosa secondo le norme DIN 30674 parte 4 / bituminous painting according to DIN 30674 part 4

- verniciatura epossidica interna ed esterna / epoxy painting inside and outside

Tubi ad una o due flange

Single and double mounting flanged pipes

**Fs, FFs,
FFsM**



DN 80 – 600

Lunghezza su richiesta – lenght according to customer request

Materiale / Material

— Ghisa sferoidale / ductile iron EN-GJS-5007 ; EN 545

Pressione nominale / Nominal pressure

— PN 10 ; PN 16

Dimensioni flange / Flange sizes

— DIN 28 604 ; DIN 28 605

Foratura flange / Flanges drilling

— DIN 2501

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