

Cuple cardanice

Cuple tip F

PRESIUNE Versiunea standard cu 2 gheare maxim 10 bar (145 psi), versiunea cu 3 gheare maxim 15 bar (217 psi).

TEMPERATURA -30°C (-22°F) / +95°C (203°F) pentru garnitura standard din SBR.

MATERIAL CORP Otel gavanizat (ST ZN), otel negru (negalvanizat) pentru cuplele sudabile (ST N), otel inox (SS).

GARNITURI SBR (standard), NBR, EPDM.

STANDARD Dimensiuni conform patent producator, galvanizare conform DIN EN ISO 1461.

PROPRIETATI Se pot cupla in unghi de $\pm 15^\circ$ fata de axa lor de simetrie. Cuple cu debit normal, utilizate in agricultura, la irigatii, la transportul apei, la transportul pneumatic al materialelor abrazive, pe santiere etc.



CUPLA MAMA TIP F CU LEVIER SI STUT PENTRU FURTUN ^{1), 2)}

DN	DN furtun	Filet	Material cupla*	Garnitura standard*	Tip garnitura	PN
mm	mm	inch				bar ¹⁾ / bar ²⁾
48	40	-	SS	SBR	O-ring	10 / -
	50	-	ST ZN, SS	SBR	O-ring	10 / 15
60	50	-	ST ZN, SS	SBR	O-ring	10 / -
	60	-	ST ZN, SS	SBR	O-ring	10 / 14
	63	-	ST ZN	SBR	O-ring	10 / -
80	60	-	ST ZN, SS	SBR	O-ring	9 / -
	63	-	ST ZN	SBR	O-ring	9 / -
	70	-	ST ZN	SBR	O-ring	9 / -
	76	-	ST ZN, SS	SBR	O-ring	9 / -
	80	-	ST ZN, SS	SBR	O-ring	9 / 12
	89	-	ST ZN	SBR	O-ring	9 / -
100	60	-	SS	SBR	O-ring	8 / -
	76	-	ST ZN	SBR	O-ring	8 / -
	80	-	ST ZN, SS	SBR	O-ring	8 / -
	89	-	ST ZN, SS	SBR	O-ring	8 / -
	100	-	ST ZN, SS	SBR	O-ring	8 / 11
	108	-	ST ZN	SBR	O-ring	8 / -
120	100	-	ST ZN, SS	SBR	O-ring	7 / -
	108	-	ST ZN	SBR	O-ring	7 / -
	120	-	ST ZN, SS	SBR	O-ring	7 / 10
	125	-	ST ZN, SS	SBR	O-ring	7 / -
	133	-	ST ZN	SBR	O-ring	7 / -
150	100	-	ST ZN	SBR	O-ring	6 / -
	120	-	ST ZN, SS	SBR	O-ring	6 / -
	125	-	ST ZN	SBR	O-ring	6 / -
	133	-	ST ZN	SBR	O-ring	6 / -
	150	-	ST ZN, SS	SBR	O-ring	6 / 9
	159	-	ST ZN	SBR	O-ring	6 / -

Legenda:

¹⁾ Versiune standard cu 2 gheare de prindere. ²⁾ Versiune cu 3 gheare de prindere.

* ST ZN - Otel galvanizat, SS - Otel Inox, SBR - Stiren Butadiena.



CUPLA TATA TIP F OARBA (DOP) CU INEL SI MANER

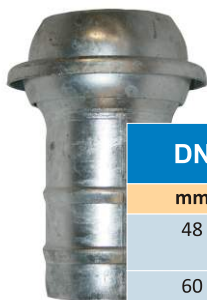
DN	DN furtun	Filet	Material cupla*	Garnitura standard*	Tip garnitura	PN
mm	mm	inch				bar ¹⁾ / bar ²⁾
48	-	-	ST ZN, SS	-	-	10 / 15
60	-	-	ST ZN, SS	-	-	10 / 14
80	-	-	ST ZN, SS	-	-	9 / 12
100	-	-	ST ZN, SS	-	-	8 / 11
120	-	-	ST ZN, SS	-	-	7 / 10
150	-	-	ST ZN, SS	-	-	6 / 9

Legenda:

¹⁾ Cuplata cu partea mama standard cu 2 gheare. ²⁾ Cuplata cu partea mama cu 3 gheare.

* ST ZN - Otel galvanizat, SS - Otel inox.

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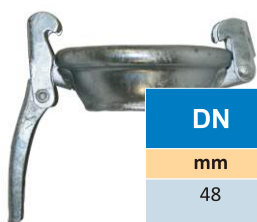
CUPLA TATA TIP F CU INEL SI STUT PENTRU FURTUN

DN	DN furtun	Filet	Material cupla*	Garnitura standard*	Tip garnitura	PN
mm	mm	inch				bar ¹⁾ / bar ²⁾
48	40 50	-	SS ST ZN, SS	-	-	10 / 15
60	50 60 63	-	ST ZN, SS ST ZN, SS ST ZN	-	-	10 / 14
80	60 63 70 76 80 89	-	ST ZN, SS ST ZN ST ZN ST ZN, SS ST ZN, SS ST ZN	-	-	9 / 12
100	60 76 80 89 100 108	-	SS ST ZN ST ZN, SS ST ZN, SS ST ZN, SS ST ZN	-	-	8 / 11
120	100 108 120 125 133	-	ST ZN, SS ST ZN ST ZN, SS ST ZN, SS ST ZN	-	-	7 / 10
150	100 120 125 133 150 159	-	ST ZN ST ZN, SS ST ZN ST ZN ST ZN, SS ST ZN	-	-	6 / 9

Legenda:

¹⁾ Cuplata cu partea mama standard cu 2 gheare. ²⁾ Cuplata cu partea mama cu 3 gheare.

* ST ZN - Otel galvanizat, SS - Otel inox.



CUPLA MAMA TIP F OARBA (CAPAC) CU LEVIER SI O-RING INCLUS^{1), 2)}

DN	DN furtun	Filet	Material cupla*	Garnitura standard*	Tip garnitura	PN
mm	mm	inch				bar ¹⁾ / bar ²⁾
48	-	-	ST ZN SS	SBR	O-ring	10 / 15 10 / -
60	-	-	ST ZN SS	SBR	O-ring	10 / 14 10 / -
80	-	-	ST ZN SS	SBR	O-ring	9 / 12 9 / -
100	-	-	ST ZN SS	SBR	O-ring	8 / 11 8 / -
120	-	-	ST ZN SS	SBR	O-ring	7 / 10 7 / -
150	-	-	ST ZN SS	SBR	O-ring	6 / 9 6 / -

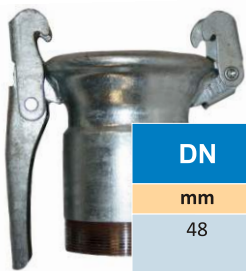
Legenda:

¹⁾ Versiune standard cu 2 gheare de prindere. ²⁾ Versiune cu 3 gheare de prindere (disponibila doar din otel galvanizat).

* ST ZN - Otel galvanizat, SS - Otel Inox, SBR - Stiren Butadiena.

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CUPLA MAMA TIP F CU LEVIER SI FILET EXTERIOR BSP ^{1), 2)}

DN	DN furtun	Filet	Material cupla *	Garnitura standard *	Tip garnitura	PN
mm	mm	inch				bar ¹⁾ / bar ²⁾
48	-	G 1 G 1.1/4 G 1.1/2 G 2 G 2	ST ZN, SS ST ZN, SS ST ZN, SS ST ZN SS	SBR	O-ring	10 / 15 10 / 15 10 / 15 10 / 15 10 / -
60	-	G 1 G 1.1/4 G 1.1/2 G 2 G 2.1/2	ST ZN ST ZN, SS ST ZN, SS ST ZN, SS ST ZN	SBR	O-ring	10 / 14 10 / 14 10 / 14 10 / 14 10 / 14
80	-	G 1 G 1.1/4 G 1.1/2 G 2 G 2.1/2 G 3 G 3.1/2 G 4	ST ZN ST ZN ST ZN ST ZN, SS ST ZN, SS ST ZN, SS ST ZN ST ZN	SBR	O-ring	9 / 12 9 / 12 9 / 12 9 / 12 9 / 12 9 / 12 9 / 12 9 / 12
100	-	G 1.1/4 G 1.1/2 G 2 G 2.1/2 G 3 G 3.1/2 G 3.1/2 G 4	ST ZN ST ZN ST ZN ST ZN, SS ST ZN, SS ST ZN SS ST ZN, SS	SBR	O-ring	8 / 11 8 / 11 8 / 11 8 / 11 8 / 11 8 / 11 8 / - 8 / 11
120	-	G 2.1/2 G 3 G 4 G 5	ST ZN ST ZN ST ZN, SS ST ZN, SS	SBR	O-ring	7 / - 7 / 10 7 / 10 7 / 10
150	-	G 1.1/2 G 2 G 2.1/2 G 3 G 4 G 5 G 6	ST ZN ST ZN ST ZN ST ZN ST ZN ST ZN, SS ST ZN, SS	SBR	O-ring	6 / 9 6 / 9 6 / - 6 / - 6 / 9 6 / 9 6 / 9

Legenda:

¹⁾ Versiune standard cu 2 gheare de prindere. ²⁾ Versiune cu 3 gheare de prindere.

* ST ZN - Otel galvanizat, SS - Otel Inox, SBR - Stiren Butadiena.



CUPLA TATA TIP F CU INEL SI FILET EXTERIOR BSP

DN	DN furtun	Filet	Material cupla *	Garnitura standard *	Tip garnitura	PN
mm	mm	inch				bar ¹⁾ / bar ²⁾
48	-	G 1 G 1.1/4 G 1.1/2 G 2	ST ZN, SS ST ZN, SS ST ZN, SS ST ZN, SS	-	-	10 / 15 10 / 15 10 / 15 10 / 15
60	-	G 1 G 1.1/4 G 1.1/2 G 2 G 2.1/2	ST ZN ST ZN, SS ST ZN, SS ST ZN, SS ST ZN	-	-	10 / 14 10 / 14 10 / 14 10 / 14 10 / 14

Legenda:

¹⁾ Cuplata cu partea mama standard cu 2 gheare. ²⁾ Cuplata cu partea mama cu 3 gheare.

* ST ZN - Otel galvanizat, SS - Otel inox.

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CUPLA TATA TIP F CU INEL SI FILET EXTERIOR BSP

DN	DN furtun	Filet	Material cupla *	Garnitura standard *	Tip garnitura	PN
mm	mm	inch				bar ¹⁾ / bar ²⁾
80	-	G 1	ST ZN	-	-	9 / 12
		G 1.1/4	ST ZN			9 / 12
		G 1.1/2	ST ZN			9 / 12
		G 2	ST ZN, SS			9 / 12
		G 2.1/2	ST ZN, SS			9 / 12
		G 3	ST ZN, SS			9 / 12
		G 3.1/2	ST ZN			9 / 12
		G 4	ST ZN			9 / 12
100	-	G 1.1/4	ST ZN	-	-	8 / 11
		G 1.1/2	ST ZN			8 / 11
		G 2	ST ZN			8 / 11
		G 2.1/2	ST ZN, SS			8 / 11
		G 3	ST ZN, SS			8 / 11
		G 3.1/2	ST ZN, SS			8 / 11
120	-	G 2.1/2	ST ZN	-	-	7 / 10
		G 3	ST ZN			7 / 10
		G 4	ST ZN, SS			7 / 10
		G 5	ST ZN, SS			7 / 10
150	-	G 1.1/2	ST ZN	-	-	6 / 9
		G 2	ST ZN			6 / 9
		G 2.1/2	ST ZN			6 / 9
		G 3	ST ZN			6 / 9
		G 4	ST ZN			6 / 9
		G 5	ST ZN, SS			6 / 9
		G 6	ST ZN, SS			6 / 9

Legenda:

¹⁾ Cuplata cu partea mama standard cu 2 gheare. ²⁾ Cuplata cu partea mama cu 3 gheare.

* ST ZN - Otel galvanizat, SS - Otel inox.



CUPLA MAMA TIP F CU LEVIER SI FLANSA PATRATA (SAU ROTUNDA CONFORM EN PN 10) ^{1), 2)}

DN	Flansa patrata	Material cupla *	Garnitura standard *	Tip garnitura	Forma	PN
mm	mm					bar ¹⁾ / bar ²⁾
100	DN 100	ST ZN, SS	SBR	O-ring	Dreapta	8 / 10
		ST ZN			Cot 45°	8 / 10
		ST ZN			Cot 90°	8 / 10
120	DN 120	ST ZN, SS	SBR	O-ring	Dreapta	7 / 10
		ST ZN			Cot 45°	7 / 10
		ST ZN			Cot 90°	7 / 10
150	DN 150	ST ZN, SS	SBR	O-ring	Dreapta	6 / 9
		ST ZN			Cot 45°	6 / 9
		ST ZN			Cot 90°	6 / 9
DN	Flansa rotunda EN	Material cupla *	Garnitura standard *	Tip garnitura	Forma	PN
mm	mm					bar ¹⁾ / bar ²⁾
48	DN 50 PN 10	ST ZN, SS	SBR	O-ring	Dreapta	10 / 10
		ST ZN			Cot 45°	10 / 10
		ST ZN			Cot 90°	10 / 10
60	DN 65 PN 10	ST ZN, SS	SBR	O-ring	Dreapta	10 / 10
		ST ZN			Cot 45°	10 / 10
		ST ZN			Cot 90°	10 / 10

Legenda:

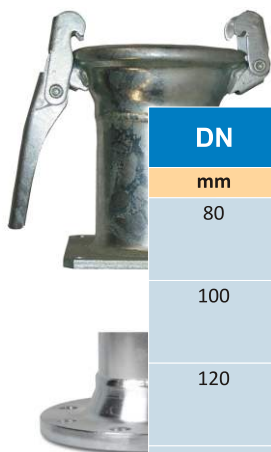
¹⁾ Versiune standard cu 2 gheare de prindere. ²⁾ Versiune cu 3 gheare de prindere.

* ST ZN - Otel galvanizat, SS - Otel Inox, SBR - Stiren Butadiena.

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CUPLA MAMA TIP F CU LEVIER SI FLANSA PATRATA (SAU ROTUNDA)
CONFORM EN PN 10) ^{1), 2)}

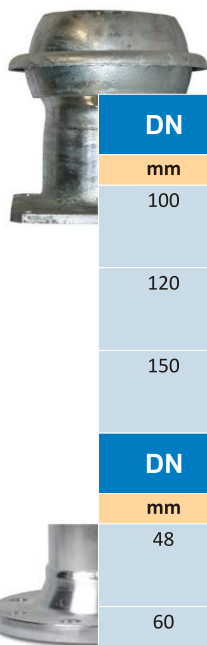
DN	Flansa rotunda EN	Material cupla*	Garnitura standard*	Tip garnitura	Forma	PN
mm	mm					bar ¹⁾ / bar ²⁾
80	DN 80 PN 10	ST ZN, SS ST ZN ST ZN	SBR	O-ring	Dreapta Cot 45° Cot 90°	9 / 10 9 / 10 9 / 10
100	DN 100 PN 10	ST ZN, SS ST ZN ST ZN	SBR	O-ring	Dreapta Cot 45° Cot 90°	8 / 10 8 / 10 8 / 10
120	DN 125 PN 10	ST ZN, SS ST ZN ST ZN	SBR	O-ring	Dreapta Cot 45° Cot 90°	7 / 10 7 / 10 7 / 10
150	DN 150 PN 10	ST ZN, SS ST ZN ST ZN	SBR	O-ring	Dreapta Cot 45° Cot 90°	6 / 9 6 / 9 6 / 9

Legenda:

¹⁾ Versiune standard cu 2 gheare de prindere. ²⁾ Versiune cu 3 gheare de prindere.

* ST ZN - Otel galvanizat, SS - Otel Inox, SBR - Stiren Butadiena.

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CUPLA TATA TIP F CU INEL SI FLANSA PATRATA (SAU ROTUNDA)
CONFORM EN PN 10) ^{1), 2)}

DN	Flansa patrata	Material cupla*	Garnitura standard*	Tip garnitura	Forma	PN
mm	mm					bar ¹⁾ / bar ²⁾
100	DN 100	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	8 / 10 8 / 10 8 / 10
120	DN 120	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	7 / 10 7 / 10 7 / 10
150	DN 150	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	6 / 9 6 / 9 6 / 9
DN	Flansa rotunda EN	Material cupla*	Garnitura standard*	Tip garnitura	Forma	PN
mm	mm					bar ¹⁾ / bar ²⁾
48	DN 50 PN 10	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	10 / 10 10 / 10 10 / 10
60	DN 65 PN 10	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	10 / 10 10 / 10 10 / 10
80	DN 80 PN 10	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	9 / 10 9 / 10 9 / 10
100	DN 100 PN 10	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	8 / 10 8 / 10 8 / 10
120	DN 125 PN 10	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	7 / 10 7 / 10 7 / 10
150	DN 150 PN 10	ST ZN, SS ST ZN ST ZN	-	-	Dreapta Cot 45° Cot 90°	6 / 9 6 / 9 6 / 9

Legenda:

¹⁾ Cuplata cu partea mama standard cu 2 gheare. ²⁾ Cuplata cu partea mama cu 3 gheare.

* ST ZN - Otel galvanizat, SS - Otel inox.

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ADAPTORI CU CUPLE TIP F, DIVERSE FORME CONSTRUCTIVE

DN intrare		DN iesire		Forma			
Mama	Tata	Mama	Tata	Drept	Cot 45°	Cot 90°	Cot S (lebada)
48*	-	48*	48*	-	Da	Da*	-
48	-	-	60	Da	-	-	-
-	-	-	80	Da	-	-	-
-	48*	48*	48*	-	Da	Da*	-
-	48	60	-	Da	-	-	-
-	-	80	-	Da	-	-	-
60	-	-	48	Da	-	-	-
60*	-	60*	60*	Da	Da	Da*	Da
-	-	80	80*	Da*	-	-	-
-	-	-	100*	Da*	-	-	-
-	60	48	-	Da	-	-	-
-	60*	60*	60*	Da	Da	Da*	Da
-	-	80*	80	Da*	-	-	-
-	-	100*	-	Da*	-	-	-
80*	-	-	48	Da	-	-	-
-	-	60	60*	Da*	-	-	-
-	-	80*	80*	Da*	Da	Da*	Da
-	-	100	100*	Da*	-	-	-
-	-	-	120	Da	-	-	-
-	80*	48	-	Da	-	-	-
-	-	60*	60	Da*	-	-	-
-	-	80*	80*	Da*	Da	Da*	Da
-	-	100*	100	Da*	-	-	-
-	-	120	-	Da	-	-	-
100*	-	-	60*	Da*	-	-	-
-	-	80	80*	Da*	-	-	-
-	-	100*	100*	Da*	Da	Da*	Da
-	-	120	120*	Da*	-	-	-
-	-	150	150*	Da*	-	-	-
-	100*	60*	-	Da*	-	-	-
-	-	80*	80	Da*	-	-	-
-	-	100*	100*	Da*	Da	Da*	Da
-	-	120*	120	Da*	-	-	-
-	-	150*	150	Da*	-	-	-
120*	-	-	80	Da	-	-	-
-	-	100	100*	Da*	-	-	-
-	-	120*	120*	Da*	Da	Da*	Da
-	-	150	150*	Da*	-	-	-
-	120*	80	-	Da	-	-	-
-	-	100*	100	Da*	-	-	-
-	-	120*	120*	Da*	Da	Da*	Da
-	-	150*	150	Da*	-	-	-
150*	-	-	80	Da	-	-	-
-	-	100*	100	Da*	-	-	-
-	-	120*	120	Da*	-	-	-
-	-	150*	150*	Da*	Da	Da*	Da
-	150*	80	-	Da	-	-	-
-	-	100*	100	Da*	-	-	-
-	-	120*	120	Da*	-	-	-
-	-	150*	150*	Da*	Da	Da*	Da

Nota:

- 1) Cuplele mama sunt dotate standard cu garnituri de tip O-ring din SBR.
- 2) Toate formele constructive si combinatiile prezentate in tabelul de mai sus sunt fabricate din otel galvanizat la cald. Unele dintre ele pot fi fabricate si din otel inox (*) sau numai din otel inox (marimile scrise cu text rosu).
- 3) Producatorul isi asuma dreptul de a modifica fara preaviz formele constructive si combinatiile intre cuplele de intrare si cele de iesire.

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GARNITURA TIP O-RING PENTRU CUPLA MAMA TIP F

DN	DN furtun	Filet	Material garnitura*	Tip garnitura	PN
mm	mm	inch			bar / psi
48	-	-	SBR, NBR, EPDM	O-ring	15 / 217
60	-	-	SBR, NBR, EPDM	O-ring	14 / 203
80	-	-	SBR, NBR, EPDM	O-ring	12 / 174
100	-	-	SBR, NBR, EPDM	O-ring	11 / 159
120	-	-	SBR, NBR, EPDM	O-ring	10 / 145
150	-	-	SBR, NBR, EPDM	O-ring	9 / 130

Legenda:

* SBR - Stiren Butadiena (garnitura standard) , NBR - Acrilonitril Butadiena, EPDM - Etilen Propilen Diena.

SORBURI CU CLAPETA DE SENS, DIVERSE FORME CONSTRUCTIVE

DN	Conexiune						
	Stut furtun		Flansa	Cupla mama		Cupla tata	
mm	Drept	Cot 45°	Rotunda EN	Drept	Cot 45°	Drept	Cot 45°
60	50	-	DN 50 PN 10	-	-	-	-
	60*	60*	-	60*	60*	60*	60*
	63	-	DN 65 PN 10	-	-	-	-
80	70	-	-	-	-	-	-
	76	-	-	-	-	-	-
	80*	80*	DN 80 PN 10	80*	80*	80*	80*
	89	-	-	-	-	-	-
100	100*	100*	DN 100 PN 10	100*	100*	100*	100*
	108	-	-	-	-	-	-
120	120*	120*	-	120*	120*	120*	120*
	125	-	DN 125 PN 10	-	-	-	-
150	150*	150*	DN 150 PN 10	150*	150*	150*	150*

Nota:

* Disponibile si cu teava lunga (cu lungimea de 2 m).

1) Cuplele mama sunt dotate standard cu garnituri de tip O-ring din SBR.

2) Toate formele constructive si combinatiile prezentate in tabelul de mai sus sunt fabricate din otel galvanizat la cald.

3) Producatorul isi asuma dreptul de a modifica fara preaviz formele constructive si combinatiile intre cuplele de intrare si cele de iesire.

SORBURI FARA CLAPETA DE SENS, DIVERSE FORME CONSTRUCTIVE

DN	Conexiune			
	Stut furtun	Filet interior	Cupla mama	Cupla tata
mm	Drept	BSPP	Dreapta	Dreapta
50	50	G1.1/2"	-	-
60	60	G2"	-	-
80	76	G2.1/2"	-	-
	80	G3"	-	-
100	100	G4"	100	100
120	120	G5"	120	120
150	150	G6"	150	150
200	200	-	-	-
250	250	-	-	-

Nota:

1) Cuplele mama sunt dotate standard cu garnituri de tip O-ring din SBR.

2) Toate formele constructive si combinatiile prezentate in tabelul de mai sus sunt fabricate din otel galvanizat la cald.

3) Producatorul isi asuma dreptul de a modifica fara preaviz formele constructive si combinatiile intre cuplele de intrare si cele de iesire.