

**SELF VENTING TYPE
SÉCURITÉ ANTI COUP DE FOUET**

One Handed connection and disconnection
Connexion & déconnexion à une main

SERIE 107S ISO 6150 - C

SELF VENTING TYPE / SICHERHEITS-SCHNELLKUPPLUNG

TST 107S Quick release safety couplings for compressed air consisting of an 107S socket and 107 plug...

Construction:
Single shut - off system. Plug with an open passage.
The functional parts have a great resistance to wear and tear, shocks and corrosion:
- Stainless steel coupling bodies
- plug (13% chromium, content hardened and precision ground),
- large all - in - once steel push button (13% hardened chromium content),
- Nitrile seal (NBR)

La serie TST 107S - coupleur de securite anti coup de fouet est a associer avec un embout 107 passage libre

Construction:
Coupleur simple obturation - Embout passage libre
Corps de coupleur : Acier inox à 17% de chrome
Embout : Acier inox à 13% de chrome trempé, rectifié
Bouton : Acier inox à 13% de chrome trempé
Joints en Nitrile

TWO STAGE PUSH-BUTTON COUPLERS

- 1 st impulse on the push button: decompression
- 2 st impulse on the push button: releasing plug

The function of the safety prevents the possibility of dangerous hose-whip.

COUPLEUR 2 PRESSIONS

- Première pression : Décompression du flexible
- Deuxième pression : Désaccouplement de l'embout

La fonction sécurité prévient toute possibilité de coup de fouet



● **tst 107S.06** ●
Body Size / Passage
ø5.5mm / 23,5mm²

● **tst 107S.08** ●
Body Size / Passage
ø8mm / 50mm²

● **tst 107S.11** ●
Body Size / Passage
ø11mm / 95mm²

SERIE 107S.06



Couplings & Plugs - Coupleur et embout

Nominal Ø (mm) - Ø Nominal
Cross section (mm²) - Section de passage

Max. Working Press. -
Pression maximale

O-Ring / Joint (100°C)

Bar
PSI

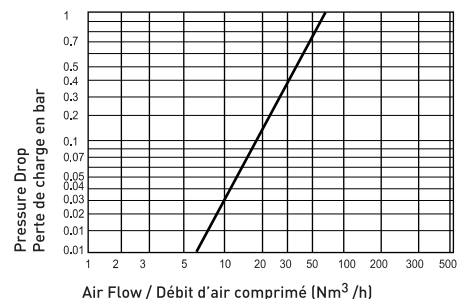
Standard
Serie

5.5 mm
23.5 mm²

12
174

NBR

Pneumatic charts flow rate/Pressure drop from the single shut-off system
Courbe pneumatique débit/perte de charge
Coupleur simple obturation



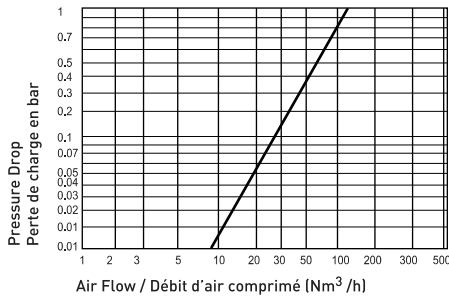
SERIE 107S ISO 6150 - C ■

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SERIE 107S.08 ■

Pneumatic charts flow rate/Pressure drop from the single shut-off system
Courbe pneumatique débit/perte de charge
Coupleur simple obturation



Couplings & Plugs - Coupleur et embout

Standard Serie

Nominal Ø (mm) - Ø Nominal
Cross section (mm²) - Section de passage

8 mm
50 mm²

Max. Working Press. -
Pression maximale

Bar
PSI

16
232

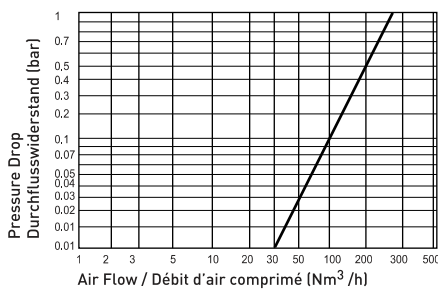
O-Ring / Joint (100°C)

NBR



SERIE 107S.11 ■

Pneumatic charts flow rate/Pressure drop from the single shut-off system
Courbe pneumatique débit/perte de charge
Coupleur simple obturation



Couplings & Plugs - Coupleur et embout

Standard Serie

Nominal Ø (mm) - Ø Nominal
Cross section (mm²) - Section de passage

11 mm
95 mm²

Max. Working Press. -
Pression maximale

Bar
PSI

16
232

O-Ring / Joint (100°C)

NBR



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Couplings / Coupleurs	Ø Nominal / Dia NW	Connection / Raccord (T)		d (mm)	
			Single Shut-off / Simple obturation Order No/Référence		
 Couplings Female Thread Coupleur taraudé	06	1/4" BSP	107.06 DGS 13	22	
		1/4" NPT	107.06 NGS 13	22	
		3/8" BSP	107.06 DGS 17	22	
		3/8" NPT	107.06 NGS 17	22	
		1/2" BSP	107.06 DGS 21	22	
		1/2" NPT	107.06 NGS 21	22	
	08	1/4" BSP	107.08 DGS 13	27	
		1/4" NPT	107.08 NGS 13	27	
		3/8" BSP	107.08 DGS 17	27	
		3/8" NPT	107.08 NGS 17	27	
		1/2" BSP	107.08 DGS 21	27	
		1/2" NPT	107.08 NGS 21	27	
	11	3/8" BSP	107.11 DGS 17	33	
		3/8" NPT	107.11 NGS 17	33	
		1/2" BSP	107.11 DGS 21	33	
1/2" NPT		107.11 NGS 21	33		
3/4" BSP		107.11 DGS 26	33		
3/4" NPT		107.11 NGS 26	33		
 Couplings Male Thread Coupleur fileté cylindrique	06	1/4" BSP	107.06 EGS 13	22	
		3/8" BSP	107.06 EGS 17	22	
		1/2" BSP	107.06 EGS 21	22	
	08	1/4" BSP	107.08 EGS 13	27	
		3/8" BSP	107.08 EGS 17	27	
		1/2" BSP	107.08 EGS 21	27	
	11	3/8" BSP	107.11 EGS 17	33	
		1/2" BSP	107.11 EGS 21	33	
		3/4" BSP	107.11 EGS 26	33	
	 Couplings with Male Conical Thread Coupleur fileté conique	06	1/4" BSPT	107.06 RGS 13	22
			1/4" NPT	107.06 TGS 13	22
			3/8" BSPT	107.06 RGS 17	22
			3/8" NPT	107.06 TGS 17	22
			1/2" BSPT	107.06 RGS 21	22
			1/2" NPT	107.06 TGS 21	22
08		1/4" BSP	107.08 RGS 13	27	
		1/4" NPT	107.08 TGS 13	27	
		3/8" BSP	107.08 RGS 17	27	
		3/8" NPT	107.08 TGS 17	27	
		1/2" BSP	107.08 RGS 21	27	
		1/2" NPT	107.08 TGS 21	27	



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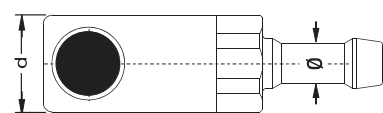
SERIE 107S ISO 6150 - C



Single Shut-off / Simple obturation
Order No/Référence

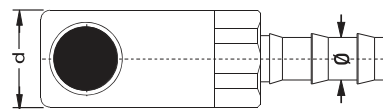
Couplings / Coupleurs

Ø Nominal Dia NW	Connection Raccord (T/Ø)	d (mm)	d1 (mm)	L (mm)	L1 (mm)
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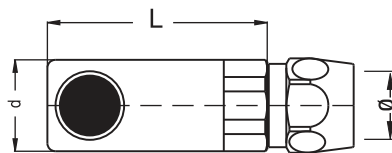
Couplings with Rubber Hoses
Coupleur cannelé

06	Ø 6mm	107.06 HGS 06	22		
	Ø 8mm	107.06 HGS 08	22		
	Ø 10mm	107.06 HGS 10	22		
	Ø 13mm	107.06 HGS 13	22		
08	Ø 8mm	107.08 HGS 08	27		
	Ø 10mm	107.08 HGS 10	27		
	Ø 13mm	107.08 HGS 13	27		
	Ø 16mm	107.08 HGS 16	27		
11	Ø 10mm	107.11 HGS 10	33		
	Ø 13mm	107.11 HGS 13	33		
	Ø 16mm	107.11 HGS 16	33		
	Ø 19mm	107.11 HGS 19	33		



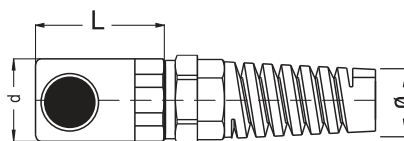
Couplings with Push-Lock Hoses
Coupleur cannelé pour tube
auto serrant

06	Ø 10mm	107.06 FGS 10	22		
	Ø 13mm	107.06 FGS 13	22		
08	Ø 10mm	107.08 FGS 10	27		
	Ø 13mm	107.08 FGS 13	27		
	Ø 16mm	107.08 FGS 16	27		
11	Ø 10mm	107.11 FGS 10	33		
	Ø 13mm	107.11 FGS 13	33		
	Ø 16mm	107.11 FGS 16	33		
	Ø 19mm	107.11 FGS 19	33		



Coupling for Plastic Tube
Coupleur pour tube
plastique

06	Ø 6.5x10mm	107.06 PGS 06	22	50.5
	Ø 8x12mm	107.06 PGS 08	22	50.5
	Ø 9x13mm	107.06 PGS 09	22	50.5
08	Ø 6.5x10mm	107.08 PGS 06	27	60
	Ø 8x12mm	107.08 PGS 08	27	60
	Ø 9x13mm	107.08 PGS 09	27	60
	Ø 11x16mm	107.08 PGS 11	27	60
	Ø 13x18mm	107.08 PGS 13	27	60



Coupling for Plastic Tube With Guard
Coupleur pour tube plastique avec spire
de protection polyamide

06	Ø 6.5x10mm	107.06 YGS 06	22	50.5
	Ø 8x12mm	107.06 YGS 08	22	50.5
	Ø 9x13mm	107.06 YGS 09	22	50.5
08	Ø 6.5x10mm	107.08 YGS 06	27	60
	Ø 8x12mm	107.08 YGS 08	27	60
	Ø 9x13mm	107.08 YGS 09	27	60
	Ø 11x16mm	107.08 YGS 11	27	60
	Ø 13x18mm	107.08 YGS 13	27	60