



Technical Description

Straight-Through coupling system for Railway applications

Advantages

STR couplings allow a maximum flow for a very low pressure drop. When connected, the external seal prevents any ingress of contaminants (brake dust, road salt, water). Hardened stainless steel construction for high resistance to vibrations and mechanical stress.

Working Temperature

-54°C up to +80°C (NBR) (connected)
-40°C up to +60°C (NBR) (for the disconnection)
depending on the medium.

Special seals are available on request.



Max. Working Pressure

160 bar

Material

Coupling: Stainless Steel

Plug: Stainless Steel

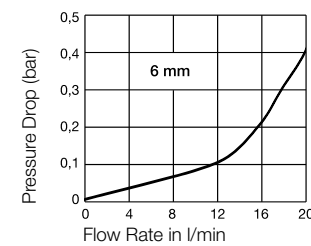
Seals: NBR

Applications

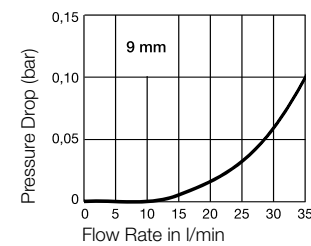
- Pneumatic Braking Systems
- Pneumatic Applications

Flow diagrams

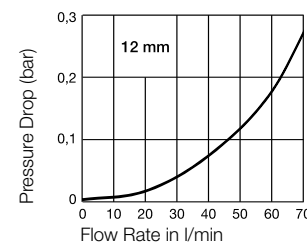
Water



Water



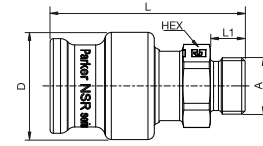
Water



Couplings – without valve

Series STR

DN	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
6	M 14 x 1,5	24	61	10	34,5	STR-251-14MCL
6	M 16 x 1,5	24	86	35	34,5	STR-251-16HMCL
6	M 16 x 1,5	24	62	11	34,5	STR-251-16MCL
9	G 3/8	27	80	12	41	STR-371-6MBO
12	G 1/2	35	111	12	53	STR-501-8MBO

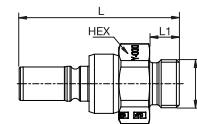


Male Thread

Plugs – without valve

Series STR

DN	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
6	M 14 x 1,5	24	81	34		STR-252-14HMCL
6	M 16 x 1,5	24	83,5	35		STR-252-16HMCL
6	M 16 x 1,5	24	59,5	11		STR-252-16MCL
6	G 1/4	24	59,5	12,1		STR-252-4MBE
9	G 3/8	24	72,2	12		STR-372-6MBO
12	G 1/2	32	91	12		STR-502-8MBO



Male Thread

Dust Protection

Series NSR

DN	Version	Part Number
6	for coupling	NSR-250-DP
9	for coupling	NSR-370-DP
12	for coupling	NSR-500-DP
6	for plug	NSR-250-DC
9	for plug	NSR-370-DC
12	for plug	NSR-500-DC