

TECALAN

DN 3 – Hoses +
Fittings



Beethovenstr. 35D
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TECALAN

Type AF



structure / material:

inner tube made of polyamide,
textile braiding as pressure carrier,
outside layer made of polyamide, pin pricked.

For middle pressure hydraulic applications and conveyor pipe for technical fluids

- wear resistant and flexible
- low weight
- impulse resistance
- temperature range:
 - for hydraulic oil: -40°C bis +100°C
 - for compressed air applications and water-based fluids: max. +60°C

safety factor 3:1 for static applications

part-no.	code	DN	inside Ø [mm]	outside Ø [mm]	working pressure [bar]	bursting pressure [bar]	Min. bending radius [mm]	weight [kg/100m]
24210301	AF3	3	3,0	6,0	265	800	15	2,3

One roll of 100 m hose can consist of a maximum of 4 lengths. (100 m rolls without cuts on request)

The specified data refer to standard test conditions (23°C +/- 5°C)

Type AF3A



structure / material:

inner tube made of polyamide,
aramid braiding as pressure carrier,
outside layer made of polyurethan, pin pricked.

For highest pressure hydraulic applications and conveyor pipe for technical fluids

- wear resistant and flexible
- low weight
- impulse resistance
- temperature range:
 - for hydraulic oil: -40°C bis +100°C
 - for compressed air applications and water-based fluids: max. +60°C

safety factor 3:1 for static applications

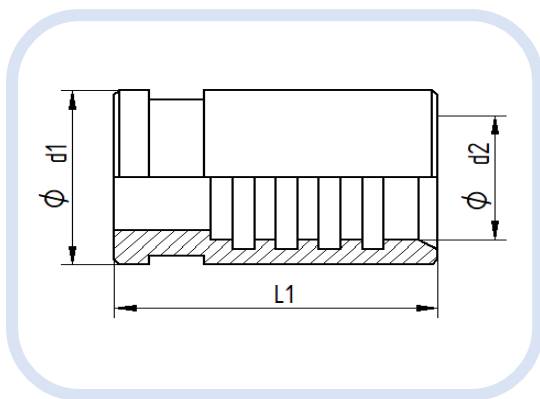
part-no.	code	DN	inside Ø [mm]	outside Ø [mm]	working pressure [bar]	bursting pressure [bar]	Min. bending radius [mm]	weight [kg/100m]
24220321	AF3A	3	3,0	6,0	630	1890	18	2,4

One roll of 100 m hose can consist of a maximum of 4 lengths. (100 m rolls without cuts on request)

The specified data refer to standard test conditions (23°C +/- 5°C)

Attention: In conjunction with the following fittings, the operating pressure of the hose AF3A is limited to max. 400 bar.

U-Ferrule



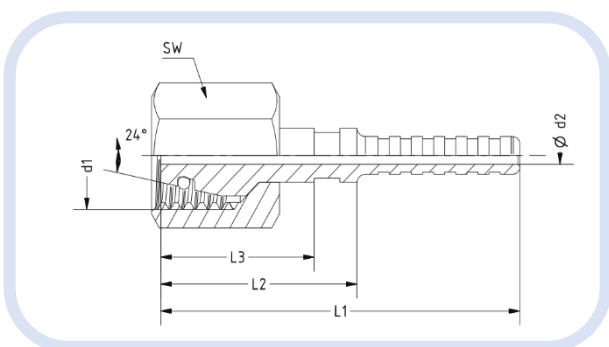
part-no..	DN	d1 [mm]	d2 [mm]	L1 [mm]
51246011	3	9,4	6,7	15,0

material: steel

coating: galvanized, passivated

Two-piece P-fitting with sealing cone and O-Ring (DKO-L u. DKO-S) metric, following DIN 3865

screw cap light and heavy series



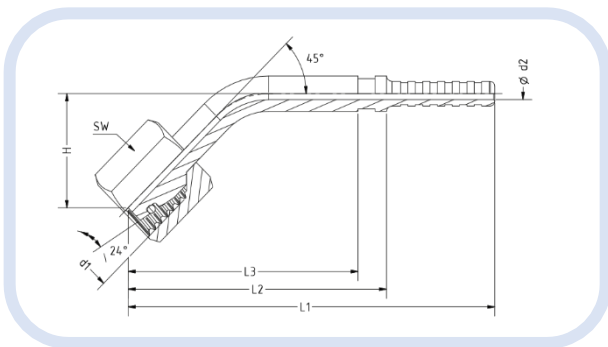
part-no.	DN	d1 [mm]	d2 [mm]	SW [mm]	H [mm]	L1 [mm]	L2 [mm]
51242011	3	M12x1,5	1,7	14	32	22	18
51242021	3	M14x1,5	1,7	17	32	22	18

material: steel

coating: galvanized, passivated

Two-piece P-fitting – 45° with sealing cone and O-Ring (DKO-L u. DKO-S) metric, following DIN 3865

screw cap light and heavy series



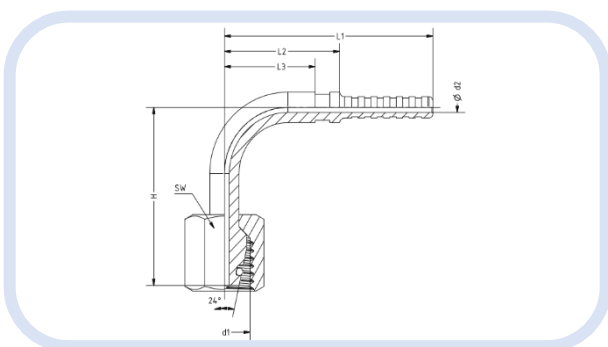
part-no.	DN	d1 [mm]	d2 [mm]	SW [mm]	H [mm]	L1 [mm]	L2 [mm]	L3 [mm]
51242051	3	M12x1,5	1,7	14	17	55	45	41
51242061	3	M14x1,5	1,7	17	17	55	45	41

material: steel

coating: galvanized, passivated

Two-piece P-fitting – 90° with sealing cone and O-Ring (DKO-L u. DKO-S) metric, following DIN 3865

screw cap light and heavy series



part-no.	DN	d1 [mm]	d2 [mm]	SW [mm]	H [mm]	L1 [mm]	L2 [mm]	L3 [mm]
51242091	3	M12x1,5	1,7	14	32	36	26	22
51242101	3	M14x1,5	1,7	17	32	36	26	22

material: steel

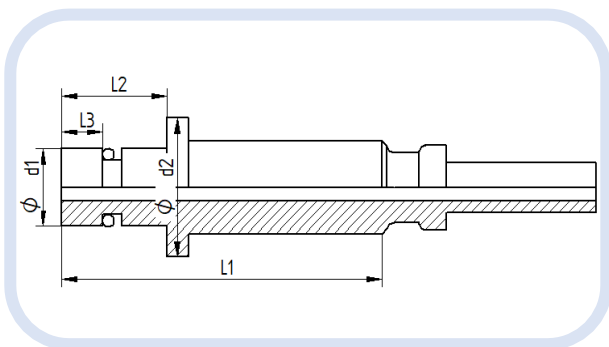
coating: galvanized, passivated

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Status: 10/2025

Plug-In Connector 5 mm



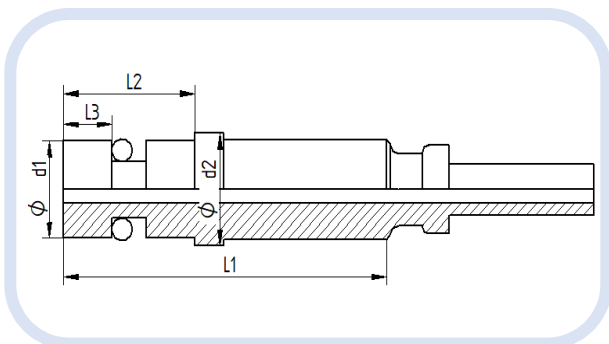
part-no.	DN	d1 [mm]	d2 [mm]	L1 [mm]	L2 [mm]	L3 [mm]
41230141	3	5,02	9	21,7	7	2,7

material: steel

coating: galvanized, passivated

attention: The working pressure refers exclusively to the connection between the hose and the connector. The pressure specifications for the plug-in connection in conjunction with the counterpart must be observed separately.

Plug-In Connector 6 mm



part-no.	DN	d1 [mm]	d2 [mm]	L1 [mm]	L2 [mm]	L3 [mm]
41230161	3	6,02	7	22,5	9	3,3

material: steel

coating: galvanized, passivated

attention: The working pressure refers exclusively to the connection between the hose and the connector. The pressure specifications for the plug-in connection in conjunction with the counterpart must be observed separately.