



R1 41 01 07 Technical Directive

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

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Information on

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7.1. Seals

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7.2. Hoses

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Properties:

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Rubber hoses with 2 steelwire inlays, rubber cover without steel protection, with pressed
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on couplings.

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Temperature: -40 tot +93 °C.

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According DIN 20022.

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Couplings: see paragraph 7.3.

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Couplings suitable for 24°/60 ° cones.

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Technical properties see scheme (according DIN). Material burst pressure is four times the
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maximum allowable working pressure.

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Scheme 7.1


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Inside diameter in	Outside diameter	Min. burst	Min. bend radius
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inch	mm	in mm	pressure in bar	in mm
			41	01 07

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1/4"6.4	15.0	1600	100
		<div data-bbox="1088 136 1248 170">R1 41 01 07</div> <div data-bbox="888 174 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>	
		<div data-bbox="700 2060 812 2141"> corus</div>	

3/8"	9.5	19.0	1320	R1 41 01 07	130
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5/8"	15.9	25.4		1000	R1 41 01 07	200
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3/4"	19.0	29.3	850	R1 41 01 07	240
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1 "	25.4	38.1	650	300
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7.3. Hose couplings for both 24° and 60° cones

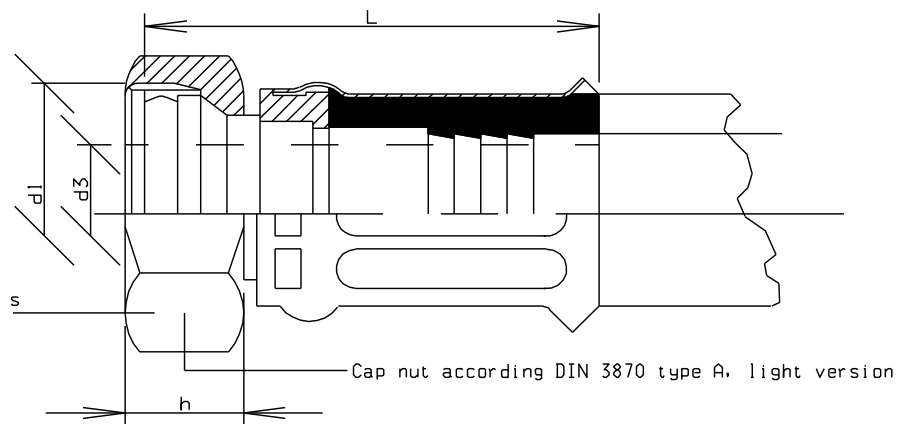
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Figure 7.1

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Pneumatics directive for suppliers, erection
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Part 7: Selection piping



Section
S

Scheme 7.2

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Pneumatics directive for suppliers, erection
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d1	d3	h		L	S	for hose	for pipe
----	----	---	--	---	---	----------	----------

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mm	mm	mm	mm	mm	inside	outside
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						mm	mm
						R1 41 01 07	

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M16 x 1.5	6.7	15.5	59.2	19	9.5	10
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M18 x 1.5	6.7	15.5	56.2	22	9.5	12
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M26 x 1.5	9.7	18	63.1	32	15.9	18
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M30 x 2	15.5	20	66.4	36	19.0	22
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M36 x 2	20.0	21	72.4	41	25.4	28
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Hose couplings in pressed-on version with internal metric thread and a ball type surface for
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24°/60° connection.

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Material:

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Steel 9 S Mn Pb 28 K, galvanised and passivated according DIN 50942, method C.
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7.4. Quick disconnect couplings

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Manufacture: Oetiker

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Coupling equipped with check valve.

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Mat. Ø 5,5 en Ø 11 = hardened and ground CrNi-steel

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Ø 19

= cadmium galvanised

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Ø 25

= zinc galvanised steel.

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Scheme 7.3

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Dimensions in mm unless otherwise stated

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Internal		Thread	Overall	Outside	Ordering
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Ø 5,5

male

G 1/4" A

44

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34/12

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Ø 11	male	G 1/2" A	60	-	221
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Ø	male	G 1 " A	102	-	610
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Ø	male	G 1 1/4" A	120	-	810
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7.5. Steel pipes

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7.5.1. General

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For pneumatic piping seamless steel pipes only will be used, fitted with cutting ring
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couplings.

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7.5.2. *Material*

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St 37 according DIN 1630.

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7.5.3. *Description*

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Steel:

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- Seamless steel precision pipes with smooth ends, marked over the whole length.

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– Wall thickness and tolerances according DIN 2391/1.

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– Normalised according DIN 2391/2.

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– Phosphated and oiled.

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- Pipes must be absolutely free from oxides and other dirt.

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- Both ends capped with good tightening plastic caps.

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– Lengths at least 6 meter.

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7.5.4. Sizes

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In the schemes the selected pipes and maximum working pressures are specified.

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Calculation working pressure according DIN 2413, "Bereich III"

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This means: infinite, life time a pressure changes between 0 and maximum, temperature
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between -25 °C to 120 °C.

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Scheme 7.4

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Pipe size in mm	Max. working pressure in bar
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10 x 2

450

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12 x 2

390
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18 x 2

270
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22 x 2

²²⁵
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28 x 2

180
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35 x 2

145
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42 x 2

120
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7.5.5. Applications

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Pipelines in pneumatic systems.

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7.5.6. Certificates

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Supply with certificates according EN 10204-3.1.B.

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7.6. Stainless steel pipes

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7.6.1. General

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For pneumatic piping seamless steel pipes only will be used, fitted with cutting ring
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couplings.

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If ambient conditions will tolerate steel couplings (galvanised and yellow chromium
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plated) **with stainless steel cutting rings**, this will save costs.

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7.6.2. Material

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X2CrNiMo 17-12-2 according EN 10088-2/3 (AISI 316 L), material nr. 1.4404.
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7.6.3. Properties

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- Seamless steel precision pipes with smooth ends, marked over the whole length.

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– Cold drawn or rolled, normalised and pickles according DIN 17458, tabel 6.h.
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– Execution and tolerances according DIN 2462-D4/T3.

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Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

- Pipes must be absolutely free from oxides and other dirt.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

- Both ends capped with good tightening plastic caps.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

– Lengths at least 6 meter.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

IF SPECIFIED, PER ORDER MUST BE AGREED HOW THE PIPE BADGE SUPPLIES
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

WILL BE PRESSURE TESTED, BEFORE STARTING OF PIPING.
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.6.4. Sizes

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

In the schemes the selected pipes and maximum working pressures are specified.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Calculation working pressure according DIN 2413, "Bereich III"

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

This means: infinite, life time a pressure changes between 0 and maximum, temperature
R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

between -25 °C to 120 °C.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.5

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipe size in mm

Max. working pressure in bar

RI-4101-07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10 x 2

395
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12 x 2

340
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18 x 2

²³⁵
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22 x 2

195
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28 x 2

155
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35 x 2

125
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42 x 2

¹⁰⁵
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.6.5. Applications

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipelines in pneumatic systems.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.6.6. Certificates

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Supply with certificates according EN 10204-3.1.B.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7. Pipe clamps, light series

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7.1. General

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipe clamps subplates are commonly welded on a steel support.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

In special cases mounting rail is allowed.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7.2. *Material*

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Clamp halves:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Polypropylene (PP)

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Aluminium (Al Si 12).

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Cover plate:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

S235JR according EN 10025, galvanised (steel)

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

X5CrNi 18-10 according EN 10088 2/3 (AISI 304)

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

X5CrNiMo 17-12-2 according EN 10088 2/3 (AISI 316).

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Subplate:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

S235JR according NEN-EN 10025.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Bolts according DIN 931, quality 8.8; galvanised or stainless steel (AISI 304 - AISI 316).
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7.3. *Application*

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Clamp halves polypropylene

-30 °C up to +100 °C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Clamp halves aluminium

to +400 °C.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7.4. Dimension and coding

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7.4.art.a. Pipe clamps with welding plate

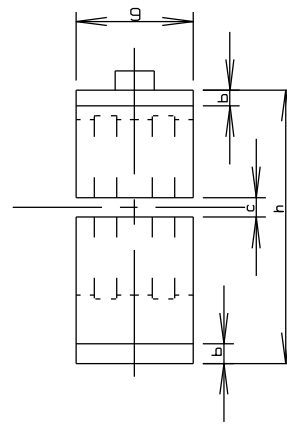
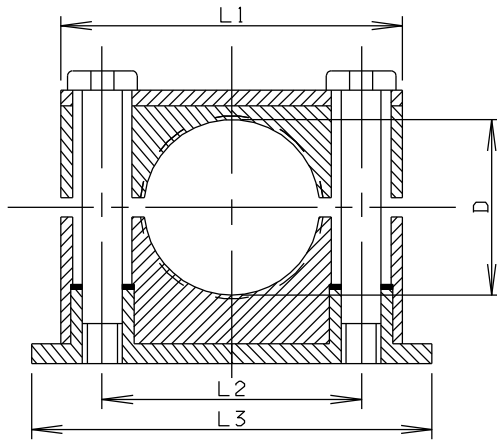
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.2

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



, erection
sers

Scheme 7.6

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipe D	L1	L2	L3	b	g _{R1.41.01.07}	h	Bolts
--------	----	----	----	---	--------------------------	---	-------

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

outs. mm	mm	mm	mm	mm	mm	mm	mm
----------	----	----	----	----	----	----	----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10	37	20	64	3	30	33	M6 x 30
----	----	----	----	---	----	----	---------

~~R1 41 01 07~~

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12	37	20	64	3	30	33	M6 x 30
----	----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18	42	26	70	3	30	39	M6 x 35
----	----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	50	33	78	3	30	41	M6 x 40
----	----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28	58	40	87	3	30	48	M6 x 45
----	----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	69	52	100	3	30	66	M6 x 60
----	----	----	-----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42	69	52	100	3	30	66	M6 x 60
----	----	----	-----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Remark: Subplates make HYROS, have a length L3 shorter than in scheme.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Hyros

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

HRL..A..PP

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

HRL..A..AL.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Stauffenberg

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

SPV....PP - DP - AS

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

SPV....AL - DP - AS.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7.4.art.b. Pipe clamps with rail

R1 41 01 07

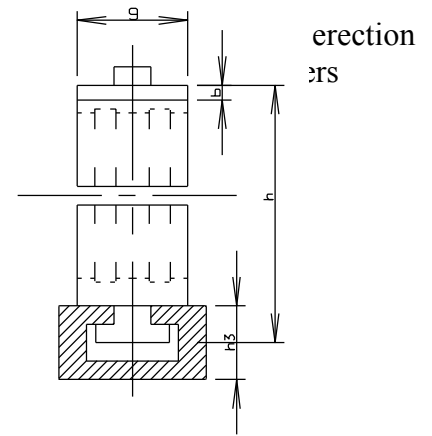
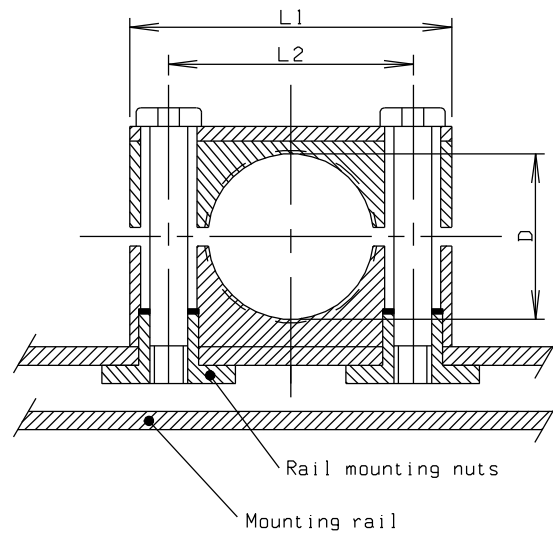
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.3

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping



Scheme 7.7

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipe D	L1	L2	b	g	h	01 41 01 07	Bolts
--------	----	----	---	---	---	-------------	-------

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

outs. mm	mm	mm	mm	mm	mm	mm	mm
----------	----	----	----	----	----	----	----

RI 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10	37	20	3	30	33	M6 x 30
----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12	37	20	3	30	33	M6 x 30
----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18	42	26	3	30	39	M6 x 35
----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	50	33	3	30	41	M6 x 40
----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28	58	40	3	30	48	M6 x 45
----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	69	52	3	30	66	M6 x 60
----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42	69	52	3	30	66	M6 x 60
----	----	----	---	----	----	---------

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Remark: rail available with dimension h3 as 11, 14 and 30 mm.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Hyros

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

HRL..A1TM..PP

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

HRL..A1TM..AL.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Stauffenberg

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

SM....PP - DP - AS

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

SM....AL - DP - AS

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Rail: TS.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.7.5. Manufacturers

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

These specifications will be fulfilled by among others the product of:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Hydac

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Stauffenberg.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.8. Galvanised steel pipes

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.8.1. General

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

For pneumatic piping seamless steel pipes only will be used, fitted with cutting ring
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

couplings.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

For supply and exhaust lines larger than 42 mm, galvanised pipes may be applied, with
R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

screw-on flanges. The pipes have wall thicknesses suitable for threading.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

7.8.2. Material

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipe: S185 according EN 10025.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

7.8.3. Description

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Seamed steel pipes.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

– Sizes according DIN 2440.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Pipes hot dipped galvanised internal and external according DIN 2444.
RI 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

- Both ends capped with tightening plastic caps.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

- Supply lengths minimum 6 meter.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.8.4. Sizes

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Selected pipesizes are mentioned in the scheme.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.8

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

	+ wall thickness		diameter	R1 41 01 07 ^G
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Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

40	48,3 x 3,25		41,8	1.1/2"
			<div data-bbox="1088 141 1248 174">R1 41 01 07</div> <div data-bbox="888 174 1449 286"> Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping </div>	

50	60,3 x 3,65		53	R1 41 01 07 ² "
----	-------------	--	----	----------------------------

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

65	76,1 x 3,65		68,8	2.1/2" R1 41 01 07
			<p>Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	

80	88,9 x 4,05		80,8	R1 41 01 07 ³ "
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Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.8.5. Application

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Piping for pneumatic systems.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.8.6. Certificates

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Supply with certificates according EN 10204-3.1.B.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.9. Threaded flanges for galvanised steel pipes

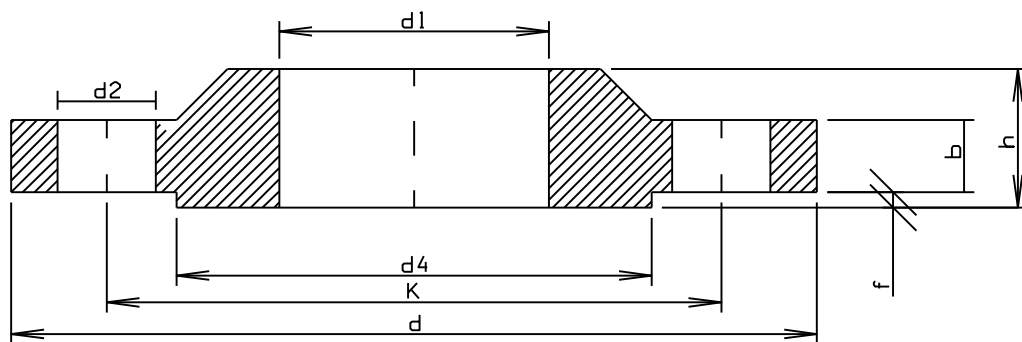
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.4

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



Scheme 7.9

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Sizes in mm unless indicated otherwise

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipe

Flange

Print

RT 41 01 07

Bolts/Pitch

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07 diam.

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

BSP	DN	d1	d	b	k	h	d4	R1	f	Amount	d2
-----	----	----	---	---	---	---	----	----	---	--------	----

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

1.1/2"	40	48.3	150	16	110	26	88	3	4	18
--------	----	------	-----	----	-----	----	----	---	---	----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2.	"	50	60.3	165	18	125	28	102	3	4	18
----	---	----	------	-----	----	-----	----	-----	---	---	----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2.1/2"	65	76.1	185	18	145	32	122	3	4	18
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

3.	"	80	88.9	200	20	160	34	138	3	4	18
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Material: S235JR according NEN-EN 10025

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Execution according DIN 2566.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10. Pipe couplings light series

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.1. General

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

The specified PN is based upon a fourfold safety factor at 120 °C
R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Couplings complete with:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– cutting rings

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– cap nuts

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– NBR seal

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– O-ring

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Tolerances, unless specified else are according DIN 7168 Teil 1.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

Couplings according DIN 2353.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Screw in part according DIN 3852 / 11 Form W.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Cap nut according DIN 3870.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Bore for 24 °C cone DIN 3861 Form W.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Technical supply requirements according DIN 3859.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

The thrust in wire in the couplings mentioned in paragraph 7.10.5.art.a.7.10.5.art.a.2. may
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

not exceed the flat surface!

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.2. Material

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Couplings + cap nuts:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Steel according DIN 3859.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Galvanised and yellow chromated quality A 3C according DIN 267/9,
RI 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Soft seal at screw in side:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– NBR according ISO R1629 hardness 90° shore A.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.3. Application

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

The couplings are suitable for:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– seamless steel precision pipes according paragraph 7.5.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

- hose couplings, with a spherical cone, suitable for 24/60° cone according paragraph 7.3.

RI 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Maximum allowable temperature is 120 °C.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

In combination with NBR seal and/or O-ring: maximum 90 °C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.4. Manufacturers

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

These specifications will be fulfilled among others by the products of:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Parker-Ermeto

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

– Walterscheid.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5. Dimensions and coding

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a. Cutting ring coupling with 24° taper and cap nut

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a.1. *Straight screw in coupling with NBR soft seal*

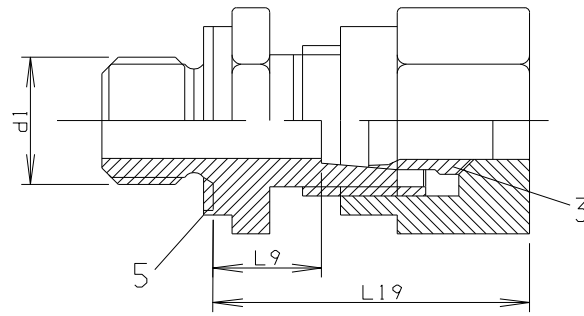
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.5

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



1 07
r suppliers, erection
gers and users
on piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Soft seal pos. 5 see Technical Directive R1 41 01 08E, paragraph 8.2.
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.10


R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. Pipe	Thread d1		L9	L10 R1 41 01	07 PN
			Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping		

diam.				R1 41 01 07
-------	--	--	--	-------------

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10	G 1/4" A		11	26	250
			<div data-bbox="1086 141 1246 170">R1 41 01 07</div> <div data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>		
			<div data-bbox="700 2063 813 2143"> corus</div>		

12	G 3/8" A	12.5	27	250
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18	G 1/2" A	14.5	31	160
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	G 3/4" A	16.5	33	160
----	----------	------	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28	G 1	" A	17.5	34	100
----	-----	-----	------	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	G 1 1/4" A	17.5	39	100
----	------------	------	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42	G 1 1/2" A	19	42	100
----	------------	----	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : GE..LR - ED - A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : GEV..LR - WD.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a.2. *Straight couplings*

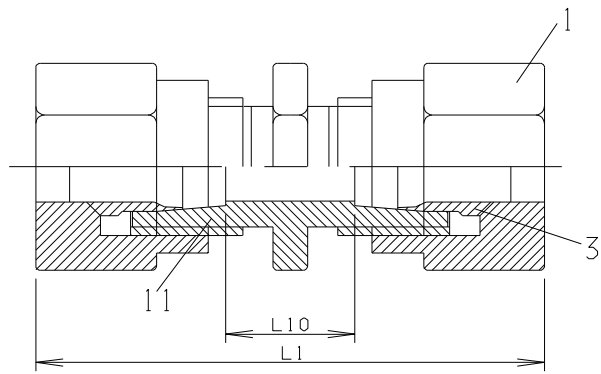
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.6

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



1 07
r suppliers, erection
gers and users
on piping

Scheme 7.11

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. Pipe diameter

L1

L10

R1 41 01 07 PN

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10


42

13

250

R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12	43	14	250
		<div data-bbox="1090 141 1249 174" data-label="Text"> R1 41 01 07 </div> <div data-bbox="890 174 1452 288" data-label="Text"> Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping </div>	
		<div data-bbox="700 2063 813 2145" data-label="Page-Footer">  corus </div>	

18	48	16	160
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R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	52	20	160
		<div data-bbox="1090 141 1249 170">R1 41 01 07</div> <div data-bbox="890 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div> <div data-bbox="700 2063 812 2143"> corus</div>	

28	54	21	100
----	----	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	63	20	100
		<div data-bbox="1090 141 1249 174" data-label="Text"> R1 41 01 07 </div> <div data-bbox="890 174 1452 286" data-label="Text"> Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping </div>	
		<div data-bbox="700 2063 813 2145" data-label="Page-Footer">  corus </div>	

42	66	21	100
----	----	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : G..L - A3C

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : GV..L.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a.3. *Straight bulkhead fittings*

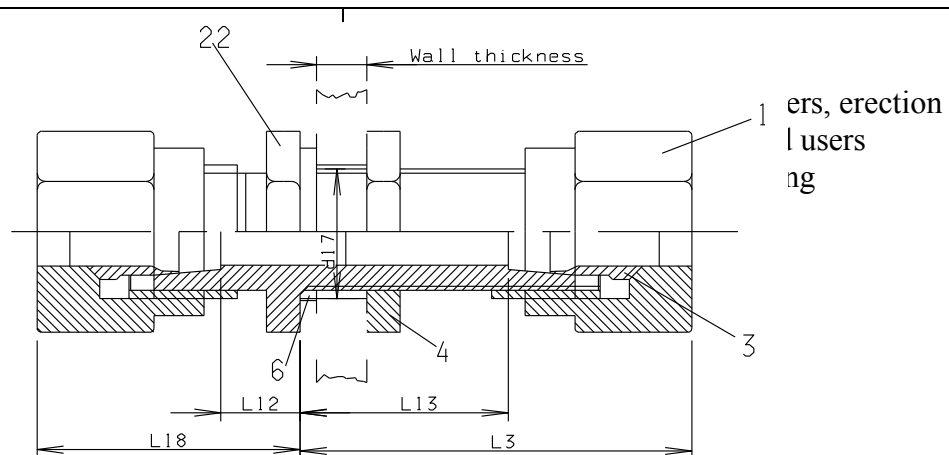
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.7

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



Scheme 7.12

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. Pipe diameter	d17	L3	L12	L13	L18	PN
---------------------	-----	----	-----	-----	-----	----

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10

18

43

10

28

25

250

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12	20	44	10	29	25	250
----	----	----	----	----	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18	28	49	13.5	32.5	30	160
----	----	----	------	------	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	32	51	16.5	34.5	33	160
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28	38	52	18.5	35.5	35	100
----	----	----	------	------	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	47	58	18.5	36.5	40	100
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42	54	59	19	36	42	100
----	----	----	----	----	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : SV..L - A3C

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : GSV..L.

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a.4. *Elbow couplings*

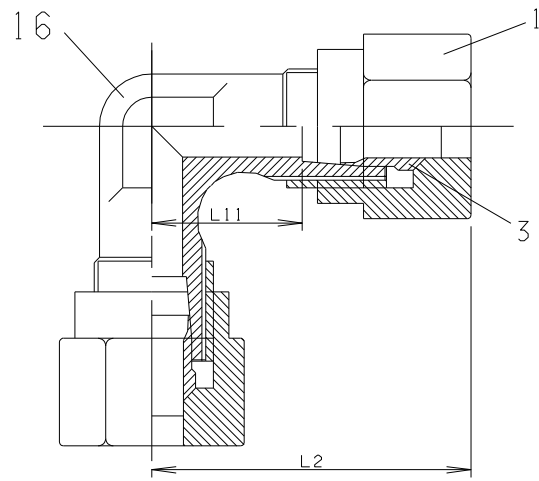
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.8

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



01 07
for suppliers, erection
agers and users
ction piping

Scheme 7.13

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. Pipe diameter	L2	L11 R1 41 01 07 PN
	Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping	

10


30

15

250

R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12	32	17	250
		<div data-bbox="1090 141 1249 170">R1 41 01 07</div> <div data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div> <div data-bbox="700 2063 812 2143"> corus</div>	

18	40	23.5	160
----	----	------	-----

R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	44	27.5	160
		<div data-bbox="1088 138 1248 170">R1 41 01 07</div> <div data-bbox="888 174 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div> <div data-bbox="700 2063 812 2143"> corus</div>	

28	47	30.5	100
----	----	------	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	56	34.5	100
		<div data-bbox="1088 138 1248 170" data-label="Text"> R1 41 01 07 </div> <div data-bbox="890 174 1452 286" data-label="Text"> Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping </div>	
		<div data-bbox="700 2058 813 2143" data-label="Page-Footer">  corus </div>	

42	63	40	100
----	----	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : W..L - A3C

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : WV..L.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a.5. *T-couplings*

R1 41 01 07

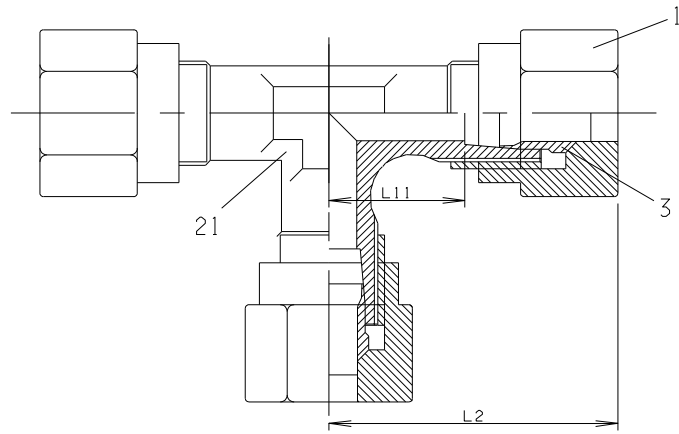
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.9

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping



pliers, erection
and users
piping

Scheme 7.14

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10


30

15

250

R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12	32	17	250
		<div data-bbox="1090 141 1249 170">R1 41 01 07</div> <div data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div> <div data-bbox="700 2063 812 2143"> corus</div>	

18	40	23.5	160
----	----	------	-----

R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	44	27.5	160
		<div data-bbox="1088 138 1248 170">R1 41 01 07</div> <div data-bbox="888 174 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div> <div data-bbox="700 2063 812 2143"> corus</div>	

28	47	30.5	100
----	----	------	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	56	34.5	100
		<p data-bbox="1086 141 1249 170">R1 41 01 07</p> <p data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	
			

42	63	40	100
----	----	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : T..L - A3C

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : TV..L.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a.6. *Straight screw on couplings*

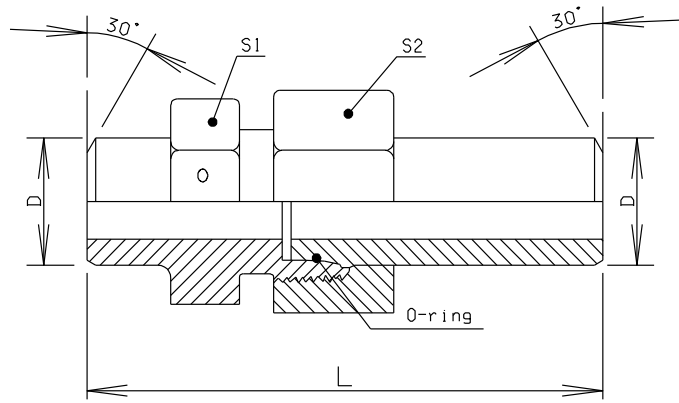
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.10

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



7
pliers, erection
; and users
piping

Scheme 7.15

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outside pipe diameter	Internal	thread G	R1 41 01 07 ^{PN}
		Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping	

10


G 1/4"

250

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12	G 3/8"	<div>250</div> <div>R1 41 01 07</div>
		Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping



18	G 1/2"		160
----	--------	--	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22	G 3/4"	160 R1 41 01 07
	<p>Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	

28	G 1	"	100 R1 41 01 07
----	-----	---	--------------------

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35	G 1 1/4"	100 R1 41 01 07
	<p>Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	

42

G 1 1/2"

100
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : GAI..LR - A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid

: GAV..LR.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.a.7. *Reducing couplings with soft seal*

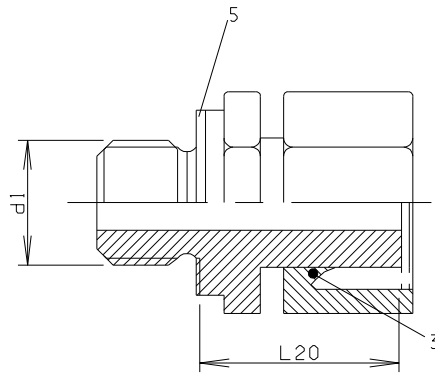
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.11

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



41 01 07
ive for suppliers, erection
managers and users
selection piping

Scheme 7.16

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. male thread G	Int. thread G
G 1/4" A	G 3/8"
G 1/4" A	G 1/2"
G 1/4" A	G 3/4"
G 3/8" A	G 1/2"
G 3/8" A	G 3/4"
G 1/2" A	G 3/4"
G 1/2" A	G 1 "
G 1/2" A	G 1 1/4"
G 3/4" A	G 1 "
G 3/4" A	G 1 1/4"
G 3/4" A	G 1 1/2"
G 1 " A	G 1 1/4"
G 1 " A	G 1 1/2"
G 1 1/4" A	G 1 1/2"

Coding:

Parker-Ermeto: RI..EDX..- A3C

Walterscheid: RED - R..- WD/R..

Outs. thread G	Int. thread G
G 3/8" A	G 1/4"
G 1/2" A	G 1/4"
G 1/2" A	G 3/8"
G 3/4" A	G 1/4"
G 3/4" A	G 3/8"
G 3/4" A	G 1/2"
G 1 " A	G 1/4"
G 1 " A	G 3/8"
G 1 " A	G 1/2"
G 1 " A	G 3/4"
G 1 1/4" A	G 1/2"
G 1 1/4" A	G 3/4"
G 1 1/4" A	G 1 "
G 1 1/2" A	G 1/2"
G 1 1/2" A	G 3/4"
G 1 1/2" A	G 1 "
G 1 1/2" A	G 1 1/4"

Coding:

Parker-Ermeto: RI..EDX..- A3C

Walterscheid: RED - R..- WD/R..

7.10.5.art.b. Couplings with 24° taper, O-ring and premounted cap nut with thrust

RI 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

wire

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.b.1. Straight screw in coupling with pre-mounted cap nut one side

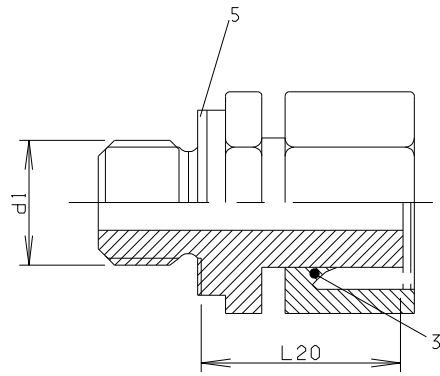
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.12

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



41 01 07
ive for suppliers, erection
managers and users
selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coupling is equipped with 24° taper and O-ring.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Soft seal pos. 5 see Technical Directive R1 41 01 08E, paragraph 8.3.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.17

R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. Pipe diameter	d1	L20	R1 41 01 07	PN
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Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping


12	3/8"	34	R1 41 01 07	250
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Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18	1/2"	31.5	160
		<div data-bbox="1088 141 1248 170">R1 41 01 07</div> <div data-bbox="890 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>	
		<div data-bbox="700 2063 813 2143"> corus</div>	

22	3/4"	32.5	R1 41 01 07	160
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Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28	1. "	35	100
		<div data-bbox="1090 141 1249 172">R1 41 01 07</div> <div data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>	
		<div data-bbox="700 2063 813 2143"> corus</div>	

35	1.1/4"	42.5	100
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42	1.1/2"	46.5	100
		<div data-bbox="1088 138 1248 170">R1 41 01 07</div> <div data-bbox="888 174 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>	
		<div data-bbox="700 2060 813 2143"> corus</div>	

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto

: EGE..LR - ED - A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : EGESD..LR - WD.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.b.2. *Straight double couplings both ends with premounted cap nut*

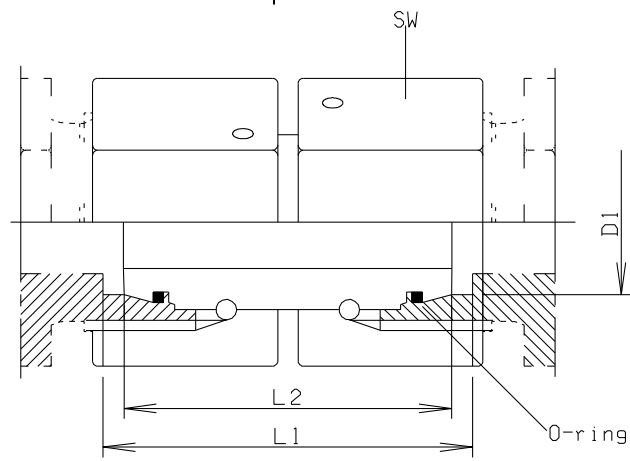
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.13

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



07
suppliers, erection
rs and users
n piping

Length measures are free.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.18

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outside pipe diameter

PN
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : GZ...L - A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : SNV..L.

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.b.3. *Elbow coupling with premounted cap nut one side*

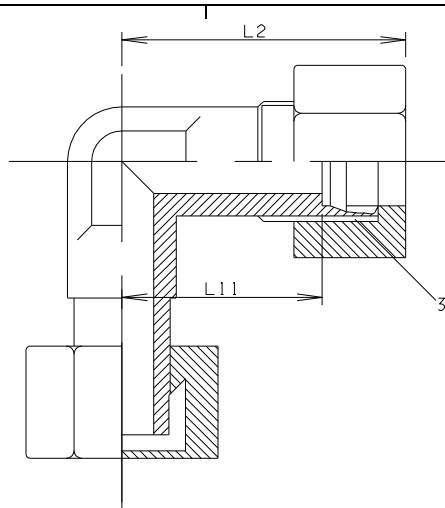
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.14

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



1 01 07
 e for suppliers, erection
 anagers and users
 lection piping

Coupling is equipped with 24° taper with O-ring

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping


Scheme 7.19

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. Pipe diameter	L2	L11	R1 41 01 07	PN
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Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

10	30	15	250
		<div data-bbox="1090 141 1249 174">R1 41 01 07</div> <div data-bbox="890 174 1452 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>	
		<div data-bbox="700 2056 813 2145"> corus</div>	

12	32	17	250
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18	40	23.5	160
		<div data-bbox="1088 138 1248 170">R1 41 01 07</div> <div data-bbox="888 174 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>	
		<div data-bbox="700 2063 813 2143"> corus</div>	

22	44	27.5	R1 41 01 07	160
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Pneumatics directive for suppliers, erection
 companies, managers and users
 Part 7: Selection piping

28	47	30.5	100
		<div data-bbox="1088 141 1248 170" data-label="Text"> R1 41 01 07 </div> <div data-bbox="890 176 1449 286" data-label="Text"> Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping </div>	
		<div data-bbox="700 2063 813 2143" data-label="Page-Footer">  corus </div>	

35	56	34.5	100
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42	63	40	100
		<div data-bbox="1090 141 1249 170">R1 41 01 07</div> <div data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</div>	
		<div data-bbox="700 2063 813 2143"> corus</div>	

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : EW..L - A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : EWVD..L.

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.b.4. *Straight reducer couplings with premounted cap nut one side*

R1 41 01 07

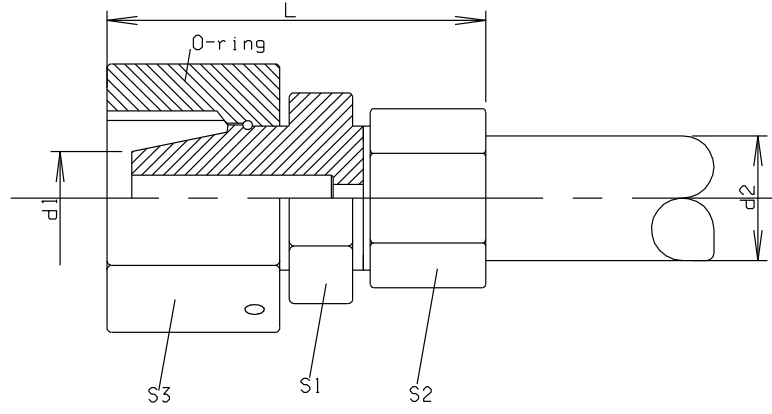
Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

Figure 7.15

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



ers, erection
1 users
ng

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Dimension 'L' and width between flats 'S1' are not standardised.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.20

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Outs. Pipe diameter d1	Outs. Pipe diameter d2	R1 41 01 07 ^{PN}
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Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

12		10	250 R1 41 01 07
		<p>Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	


18		10	160
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

18		12	160
		<p data-bbox="1086 141 1249 170">R1 41 01 07</p> <p data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

22		12	160 R1 41 01 07
		<p>Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	
			

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28		10	160
		R1 41 01 07	
		Pneumatics directive for suppliers, erection companies, managers and users	
		Part 7: Selection piping	

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

28		18	100
		R1 41 01 07 Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping	

28		22	100
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R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35		10	100
		R1 41 01 07	
		Pneumatics directive for suppliers, erection companies, managers and users	
		Part 7: Selection piping	

35		12	100
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35		18	100
		R1 41 01 07 Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping	
			

35		22	100
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

35		28	100

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42		10	100
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42		12	100
		R1 41 01 07 Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping	

42		18	100
----	--	----	-----

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42		22	100
		<p data-bbox="1086 141 1249 170">R1 41 01 07</p> <p data-bbox="888 176 1449 286">Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping</p>	

42		28	100
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

42		35	100
		R1 41 01 07 Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping	

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : RED../..L - A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : REDVD../..L.

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.c. End stops and blanking plugs

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.c.1. *End stops with 24° taper and O-ring*

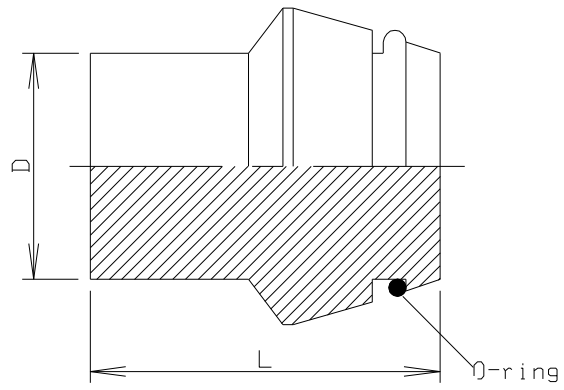
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.16

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



01 07
for suppliers, erection
agers and users
tion piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Dimension 'L' may differ for mentioned brands

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.21

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Pipe diameter D

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : VKA..- A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid : VS..S.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.10.5.art.c.2. *Blanking plugs with internal hexagon and NBR soft seal ("VSTE")*

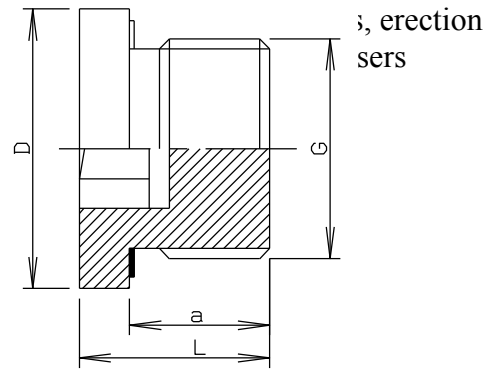
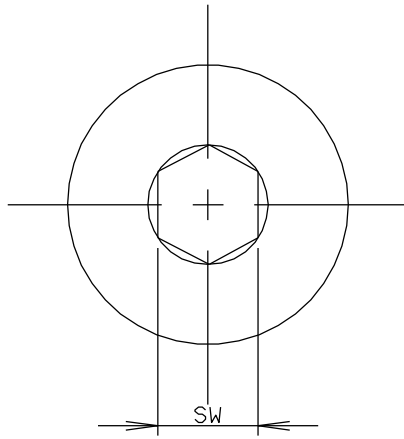
R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Figure 7.17

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping



R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

For soft seal see Technical Directive R1 41 01 08E, paragraph 8.3.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Scheme 7.22

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

G 1/4" A

19


17

12

6

~~R1 41 01 07~~


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

G 3/8" A	22	17	12 R1 41 01 07	8
		<p>Pneumatics directive for suppliers, erection companies, managers and users</p> <p>Part 7: Selection piping</p>		
				

G 1/2" A	27	19	14	10
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R1 41 01 07


Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

G 3/4" A	32	21	16 R1 41 01 07	12
		Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping		
				

G 1	" A	40	22.5	16	17
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

G 1 1/4" A	50	22.5	16	22
		<div data-bbox="1088 141 1248 174" data-label="Text"> R1 41 01 07 </div> <div data-bbox="890 174 1452 286" data-label="Text"> Pneumatics directive for suppliers, erection companies, managers and users Part 7: Selection piping </div>		
		<div data-bbox="700 2063 813 2145" data-label="Page-Footer">  corus </div>		

G 1 1/2" A	55	22.5	16	24
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R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Coding:

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Parker-Ermeto : VSTL..ED - A3C

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

Walterscheid

: VS - R..WD.

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7.11. References

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

In this Technical Directive reference is made to

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

DIN

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

267/9

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

931

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

1630

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2353

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2391/1

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2391/2

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

2440

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2444

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2413

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2462-D4/T3

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

2566

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

3852 / Form W

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

3859

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

3861 Form W

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

3870

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

7168 Teil 1

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users

Part 7: Selection piping

17458

R1 41 01 07
Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

20022

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

50049-3.1B

R1 41 01 07

Pneumatics directive for suppliers, erection
companies, managers and users
Part 7: Selection piping

50942

R1 41 01 07
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R1 41 01 07
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EN

R1 41 01 07

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10025

R1 41 01 07

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10088-2/3

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AISI

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ISO

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R1629

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Technical Directive R1 41 01 08E.

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7.12. Explanation

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Version 1.0:

R1 41 01 07

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none.

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Version 1.1:

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logo has changed.

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