



REDUCE YOUR DOWNTIME BY 95%

Onis piping solutions outperform conventional methods



-120°C to 650°C
up to 420 bars

Increase
safety

Operate in
minutes

One Person
Zero tools



HYDROCARBONS | GAS | WATER
CHEMICALS | FOOD | MINING | STEEL INDUSTRY

[HTTPS://ONISLINEBLIND.COM](https://onislineblind.com)

CONCEPT: ONIS MECHANIZED LINE BLIND

TRADITIONAL METHOD



- ✓ Shut off the upstream and downstream valves
- ✓ Depressurize the pipe
- ✗ Unbolt
- ✗ Spread the flanges by at least 10-15mm
- ✗ Change the position of figure-8 and insert new spiral seals.
- ✗ Retighten and re-bolt the flanges.

OPERATION TIME

2 up to 10 hours

2 UP TO 5 MECHANICS WITH
SPECIFIC TOOLS (crane, wrenches,
heavy tools ...)

ONIS LINE BLIND



- ✓ Shut off the upstream and downstream valves
- ✓ Depressurize the pipe
- ✓ Spread the half-bodies by lever or gearbox.
- ✓ Move fully the slide gate
- ✓ Clamp the half-bodies

OPERATION TIME

< 8"	1 minute
10" to 24"	5 minutes
>26"	15 minutes

1 PERSON - ZERO TOOLS

Save up to 95% of your operation time.

CONCEPT

Full bore
No dead chamber
No internal mechanism
Self-locking system
4 seals on the slide gate
Fire safe design on demand

DESIGN

ASME Section VIII Div-1B
ANSI B31.3
ASME B16.34
No welding in contact with
the product.

MATERIALS

Forged up to 42"
Mechanically welded
beyond that.
ASME Sect II part D/B31.3
NACE MR-0175/ISO15156

TEST

100% of ONIS line
blind are tested
before delivery.
Applicable standards :
- EN 12226-1
- API598
- API6D
- MSS SP61.

ONIS RANGE OF MECHANIZED LINE BLINDS

ONIS **QUICK ACTION LINE BLIND - QLB** (-120°C to 650°C, up to 420 bars)

PLB MODEL



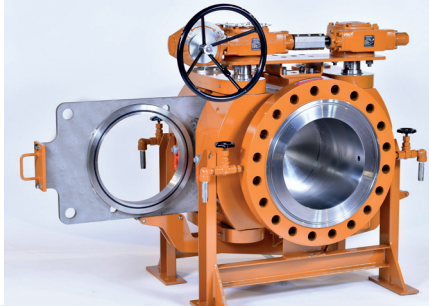
1/2" to 10"
DN 12 to 250

Spreading/tightening of the half-bodies by a lever

4 clamping points

Slide gate guiding with lifting rollers

PLR MODEL



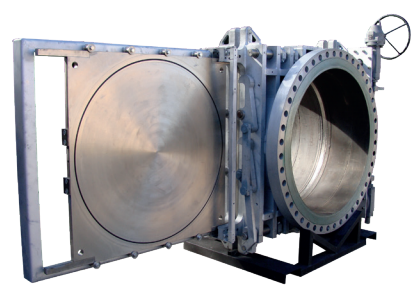
10" to 42"
DN 250 to 1050

Spreading/tightening of the half-bodies via a gearbox

4 clamping points

Slide gate guiding with lifting rollers

MPL MODEL



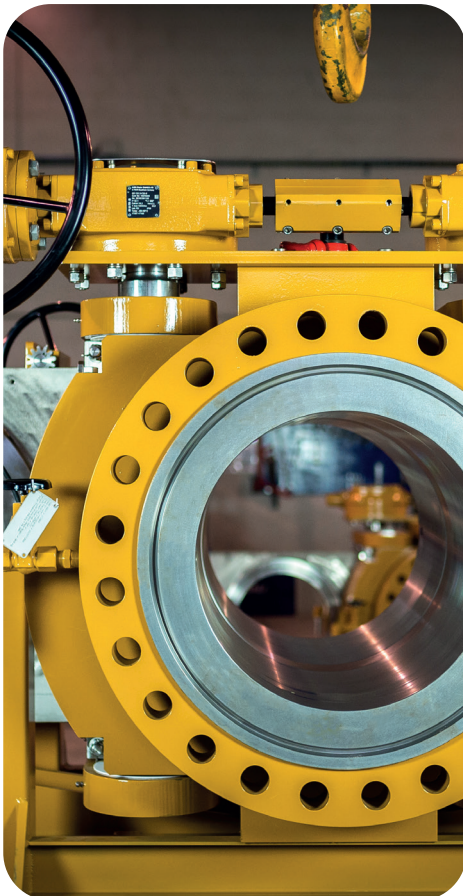
> 42"
> DN 1050

Spreading/tightening of the half-bodies via a gearbox

6 to 12 clamping points + lateral clamping system

Slide gate guiding with lifting rollers

STANDARD CATALOG < 250C°



NPS (DN)	CLASS 150 - PN20			CLASS 300 - PN50			CLASS 600 - PN100		
	Type	F2F* (mm)	Weight	Type	F2F* (mm)	Weight	Type	F2F* (mm)	Weight
1" (25)	PLB	170	10 kg	PLB	178	12 kg	PLB	216	15 kg
2" (50)	PLB	218	30 kg	PLB	226	30 kg	PLB	292	40 kg
3" (80)	PLB	256	45 kg	PLB	268	50 kg	PLB	356	70 kg
4" (100)	PLB	256	60 kg	PLB	280	65 kg	PLB	438	120 kg
6" (150)	PLB	290	100 kg	PLB	302	120 kg	PLR	457	210 kg
8" (200)	PLB	330	130 kg	PLB	400	200 kg	PLR	559	390 kg
10" (250)	PLR	406.4	270 kg	PLR	500	400 kg	PLR	578	600 kg
12" (300)	PLR	406.4	295 kg	PLR	550	760 kg	PLR	596	1200 kg
14" (350)	PLR	500	490 kg	PLR	600	800 kg	On request		
16" (400)	PLR	500	570 kg	PLR	680	1020 kg	On request		
18" (450)	PLR	500	745 kg	On request - Tailored to customer needs					
20" (500)	PLR	500	1010 kg	On request - Tailored to customer needs					
Jusqu'à 52" (1300)	On request - Tailored to customer needs								

THE OTHER ONIS PRODUCTS

ONIS DOUBLE BLOCK BLEED & BLIND - D3B



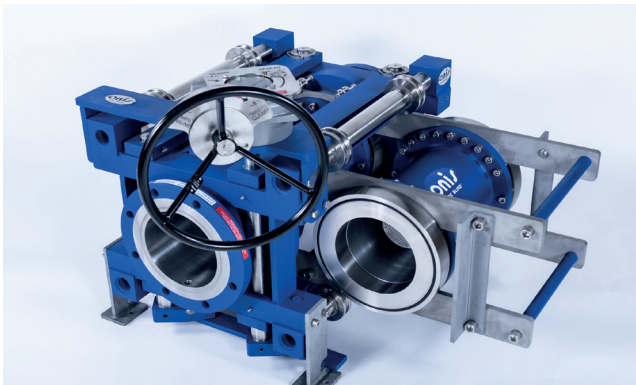
A complete positive isolation device in one equipment.

1 upstream valve + 1 ONIS Line blind + 1 downstream valve

Eliminate the risk of human mistakes during your isolation operations.



ONIS QUICK FILTER CHANGER - QFC

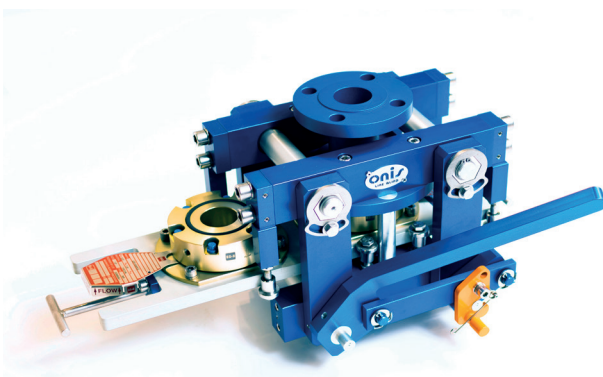


Quick filter changer designed to ensure fast filter changes.

Increase the availability of your pumps and compressors.



ONIS QUICK DISC CHANGER - QDC



Quick rupture disc changer designed to reduce rupture disc replacement time.

Reach the overpressure protection level of your installations in record time.



ONIS offers solutions for all your pipe opening operations.



APPLICATIONS

Onis devices can be used in any gas service, low and high viscosity liquid.

All media: hydrocarbons, gases, benzene, chlorine, nitrogen, H₂, H₂S, NH₃, VCM, HCN, ...

OUR MAIN OPERATION FIELDS

HYDROCARBONS GAS ENERGY TRANSPORT & STORAGE CHEMICALS
PHARMACEUTICAL FOOD WATER MINING STEEL INDUSTRY

Onis technologies help you to achieve your goals



Reduce emissions



Increase availability



Enhanced safety



Offshore



Natural Gas



Petrochemicals



Manifold



Storage



Gas transport

THEY TRUST US



versalis



ExxonMobil



BASF
We create chemistry

Honeywell



BOREALIS

Air Liquide

ARKEMA
INNOVATIVE CHEMISTRY

sanofi

Celanese



EVONIK
Leading Beyond Chemistry

Chemours™



Braskem

AIR PRODUCTS

Chevron
Phillips
CHEMICAL



PDVSA

OMV

genesisalkali

DUPONT

DOW

PEMEX

Linde

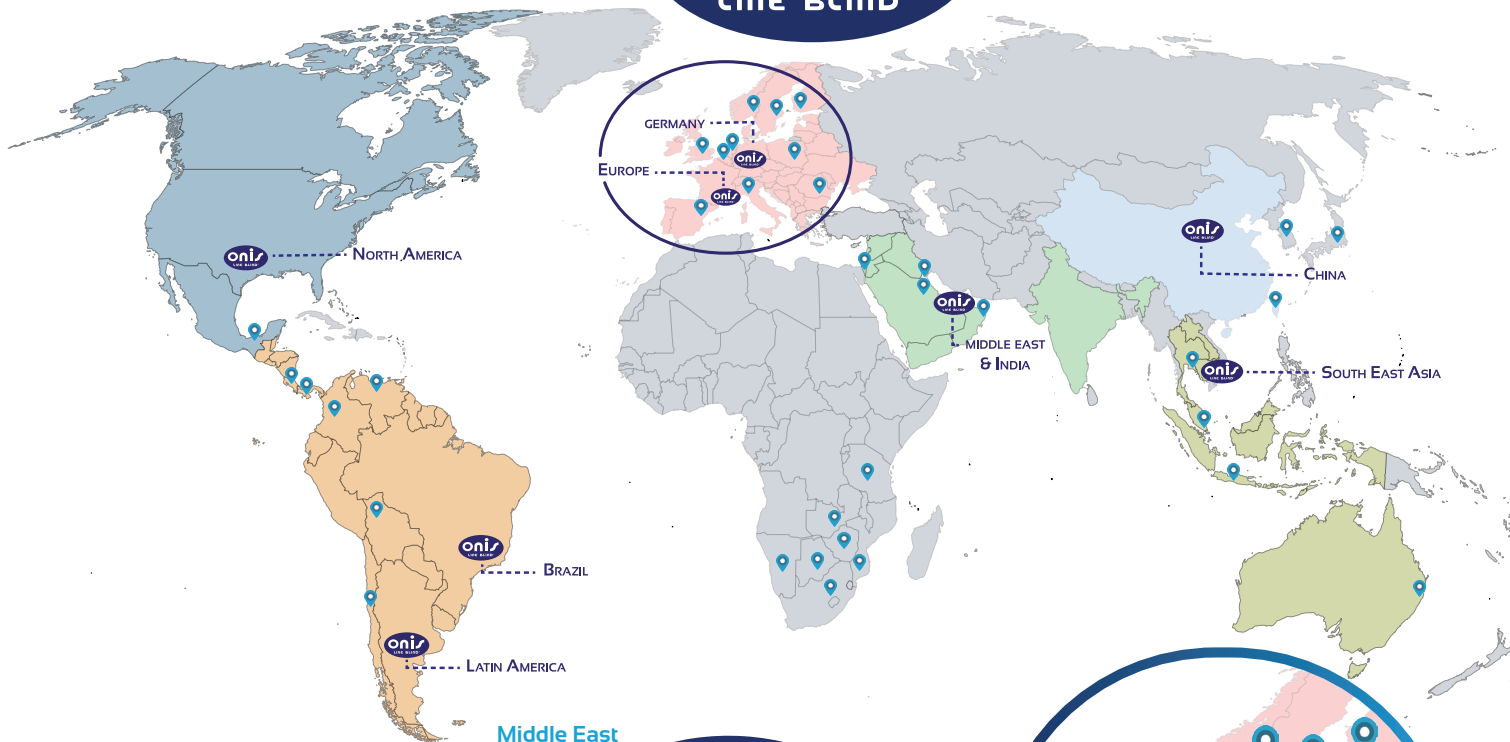
INVISTA™

lyondellbasell

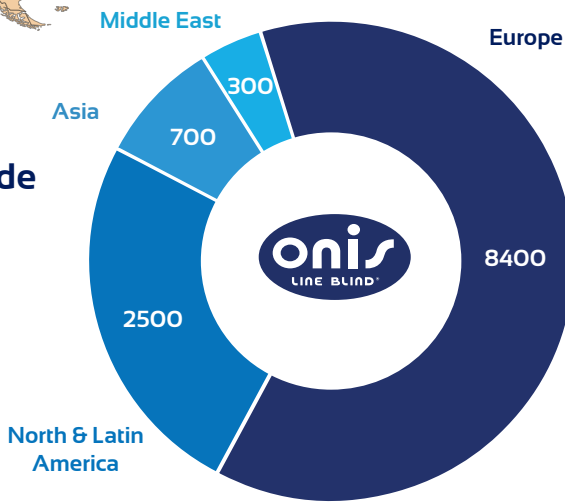
سابك
sabic

thyssenkrupp





12 000
ONIS devices
in service worldwide
since 1979



ONIS FRANCE



ONIS ASIA



ONIS USA



ONIS CHINA



ONIS GERMANY



ONIS BRAZIL



ONIS MIDDLE EAST



ONIS LATIN AMERICA



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