

Industry

Medical



Pharmaceutical industry



Washing



Cable tray

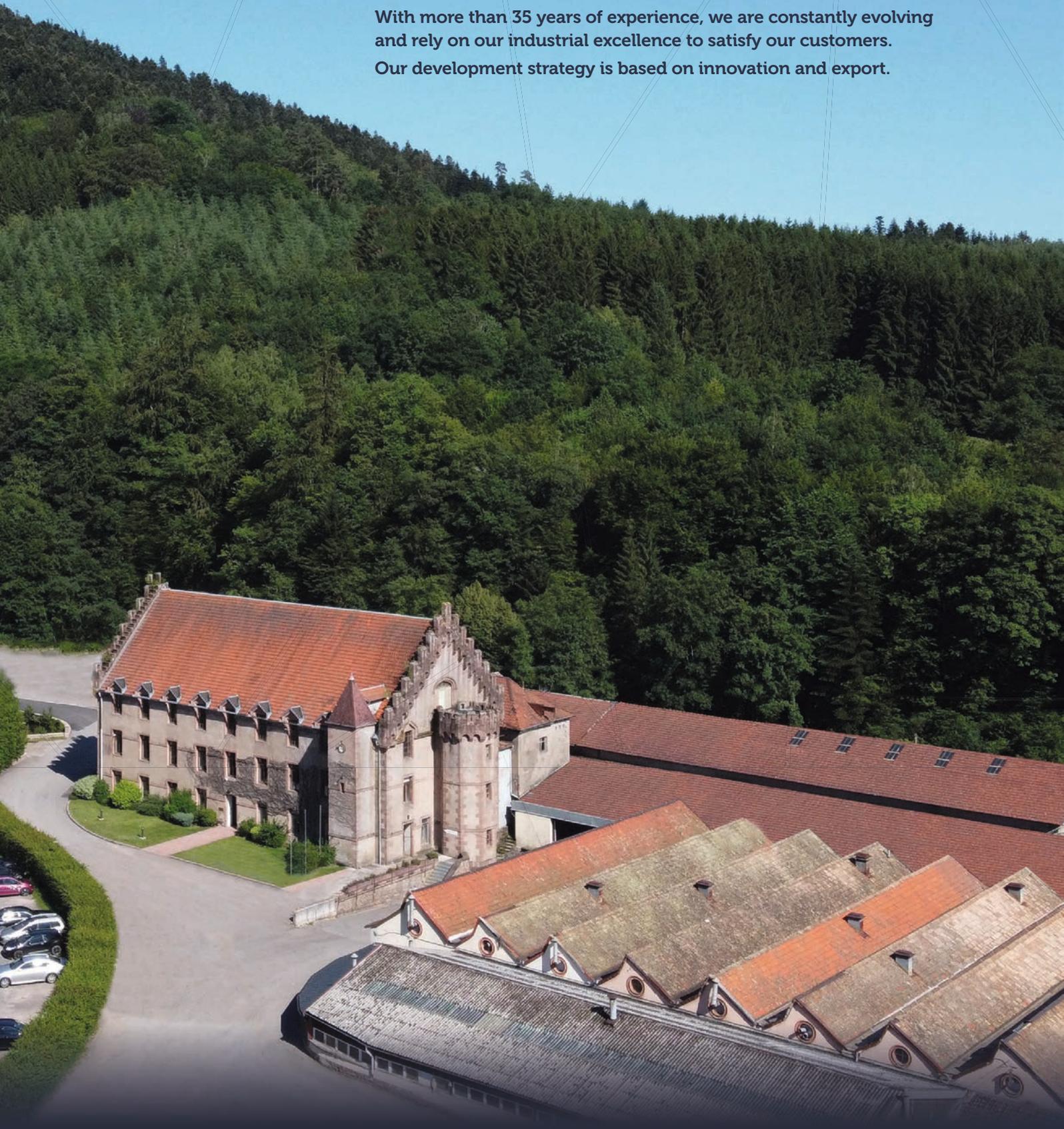


We design and manufacture made-to-measure stainless steel accessories

In the heart of Vosges, TSA Inox designs, manufactures and innovates in the production of stainless steel wire items for the agri-food sector and industry.

With more than 35 years of experience, we are constantly evolving and rely on our industrial excellence to satisfy our customers.

Our development strategy is based on innovation and export.



TSA Industries

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FRANCE

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commercial@tsa-industries.com

TSA 
INDUSTRIES

RESEARCH OFFICE



INNOVATE, SUGGEST, ANTICIPATE

Our design department office lies at the heart of TSA's supply. Totally devoted to projects, it uses its experience and competences for their feasibility.

HAVE YOU GOT A PROJECT?

PRODUCTION



TSA Industries has more than 200 experienced employees.



We invest in the most efficient machines, usually made in France, Germany or Switzerland. We have a very large number of suitable machines at our disposal for our various types of production:

- Small or large scale mass production
- Standard or custom-made products
- Special features (dimensional or shape tolerances,...)
- Electric, TIG or MIG, manual or robotic welding

We have several Electro-Polishing or Pickling-Passivation lines to ensure the performance of our stainless steel products.



INNOVATION IS A MAIN FOCUS OF OUR DEVELOPMENT

We regularly file Patents, our Design Office is made up of Technicians and Engineers specialised in your profession.

In addition, we have partnerships with Research Centres, engineering schools and universities.

A few figures



more than
200 experienced
employees



3 sites
for production in Europe



400 tonnes
of stainless steel wires per month



1 research office & prototype service
entirely dedicated to projects,
we puts our skills and experience at your disposal for
your projects and their feasibility.



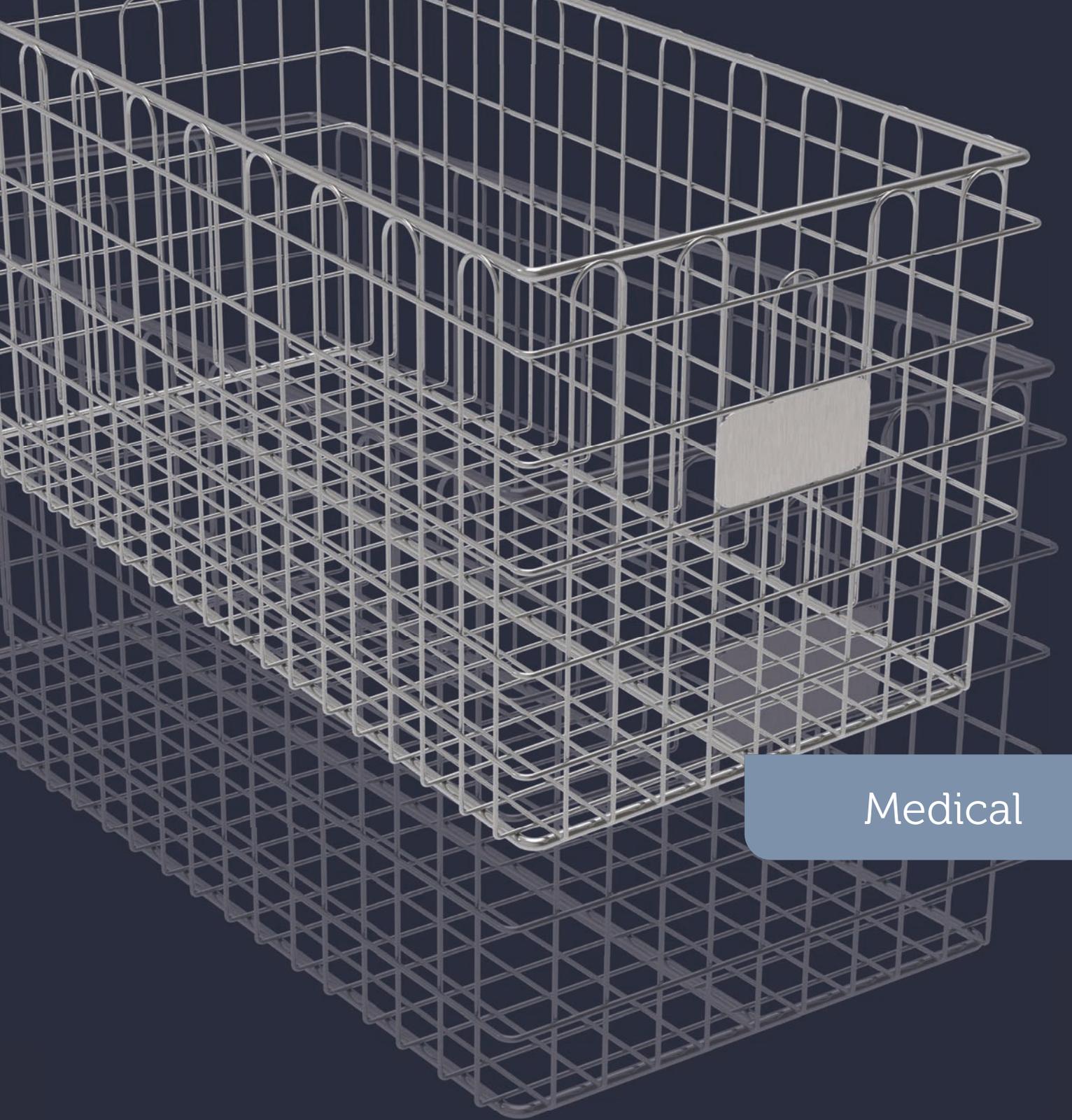
3,5 millions of filter trays
in use worldwide



300 000 grids
manufactured at TSA every year

Summary

Medical	6
Pharmaceutical industry	12
Washing	16
Cable trays & Panels	20



Medical

Medical

Our solutions for medical equipment

We offer our products to medical device manufacturers, distributors or laboratories.

Our experience has enabled us to optimise our equipment to offer innovative solutions in terms of:

- Performance (ergonomics, ...)
- Hygiene (cleaning, no breeding ground for bacteria, ...)
- Security

Contact us

+33 (0)3 29 42 50 00



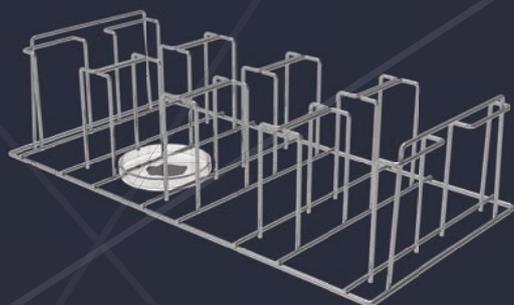
Multifunctional shelf

FIDIV10146



Decontamination tray support

FIDIV10214



Petri dish holder

PADIV10148



Probe holder

PADIV10161



Support legs

FIDIV10251



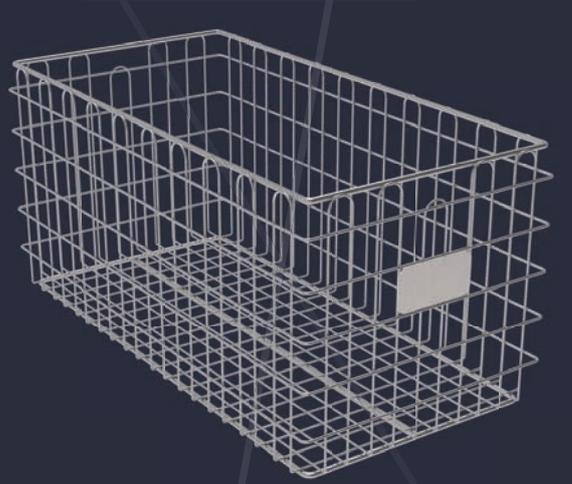
**Shopping trolley
pre-sterilisation**

PAPAN11293



**Shopping trolley
stackable/mountable**

PAPAN00389



**«Pin» basket
sterilisation**

PAPAN63300

Reference	Type	Length	Width	Height
PAPAN63150	Haut	600	300	150
PAPAN63151	Echancré		300	150
PAPAN63300	Haut		300	300
PAPAN63301	Echancré		300	300

Reference	Type	Length	Width	Height
PAPAN64150	Haut	600	400	150
PAPAN64151	Echancré		400	150
PAPAN64300	Haut		400	300
PAPAN64301	Echancré		400	300



**AIRLESS
dispenser**

FIDIV10180



**STERILIUM®
dispenser**

FIDIV10049



**Dispenser
holder**

DIV20071

These sturdy hydro alcoholic gel dispensers make it possible to provide customers or visitors with a hand washing solution when entering and/or leaving, while advertising at the same time.



DIV20072





Trolleys with sliding rails

- Complies with standard NF EN 631-2
- Tubes 25 x 25 mm
- Welded double-stop sliding rails
- Maximum loads: 20 kg per rail and 250 kg per trolley
- Standard castors with polyamide screeds.

These standard size trolleys are equipped with four swivel wheels with or without brakes

Reference	Description
CHGAP00707	1/1 – 20 Level
CHGAP00708	2/1 – 20 Level
CHGAP00709	600 x 400 – 20 Level



CHGAP00707

Sterilisation ladder

CHDIV1033



Trolley roll

CHROI10027



Pharmaceuticals



Pharmaceutical
Industry

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www.tsa-industries.com

Our solutions to optimise your pharmaceutical equipment

We offer our products to manufacturers or pharmaceutical laboratories.

Our experience has enabled us to optimise our equipment to offer innovative solutions in terms of:

- Performance (ergonomics, ...)
- Hygiene (cleaning, no bacteria nests, ...)
- Reduction of cycle times
- Reduction of energy costs

Contact us

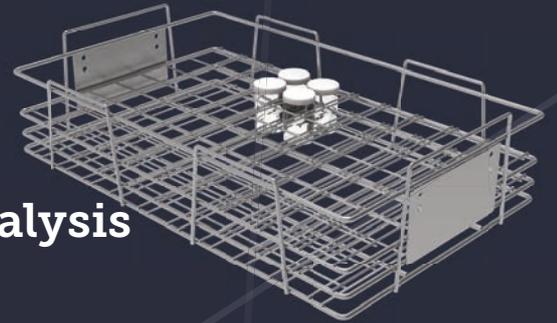
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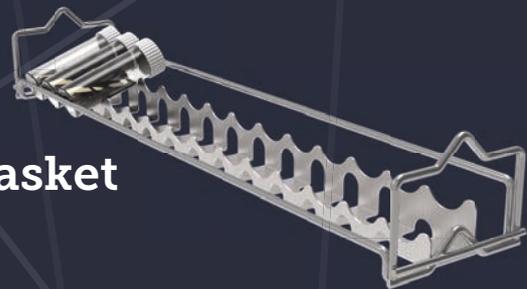
Baskets to store bottles

PADIV10436



Milk analysis basket

PADIV10811



Analysis basket

PADIV10815



Storage trolley with drawers

CHRO110008



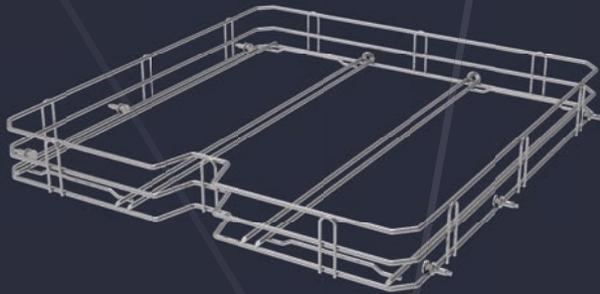
Sterilisation ladder

CHDIV10330

Custom-made design of your projects by the design office.
Possibility of small and large scale production.

Interior battery for washers

GRDIV12157

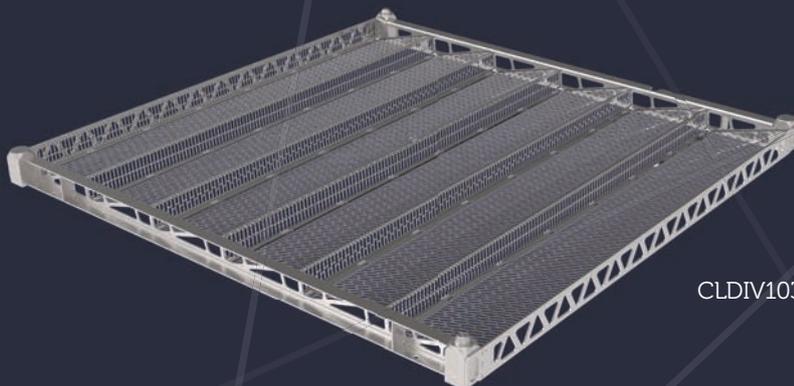
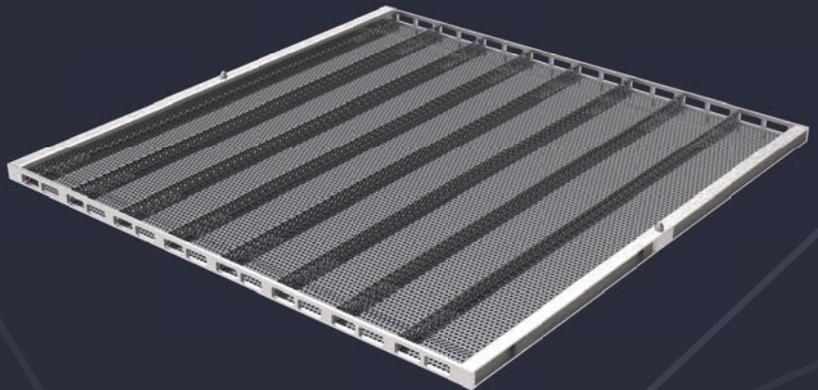


Basket positioning

PADIV10064

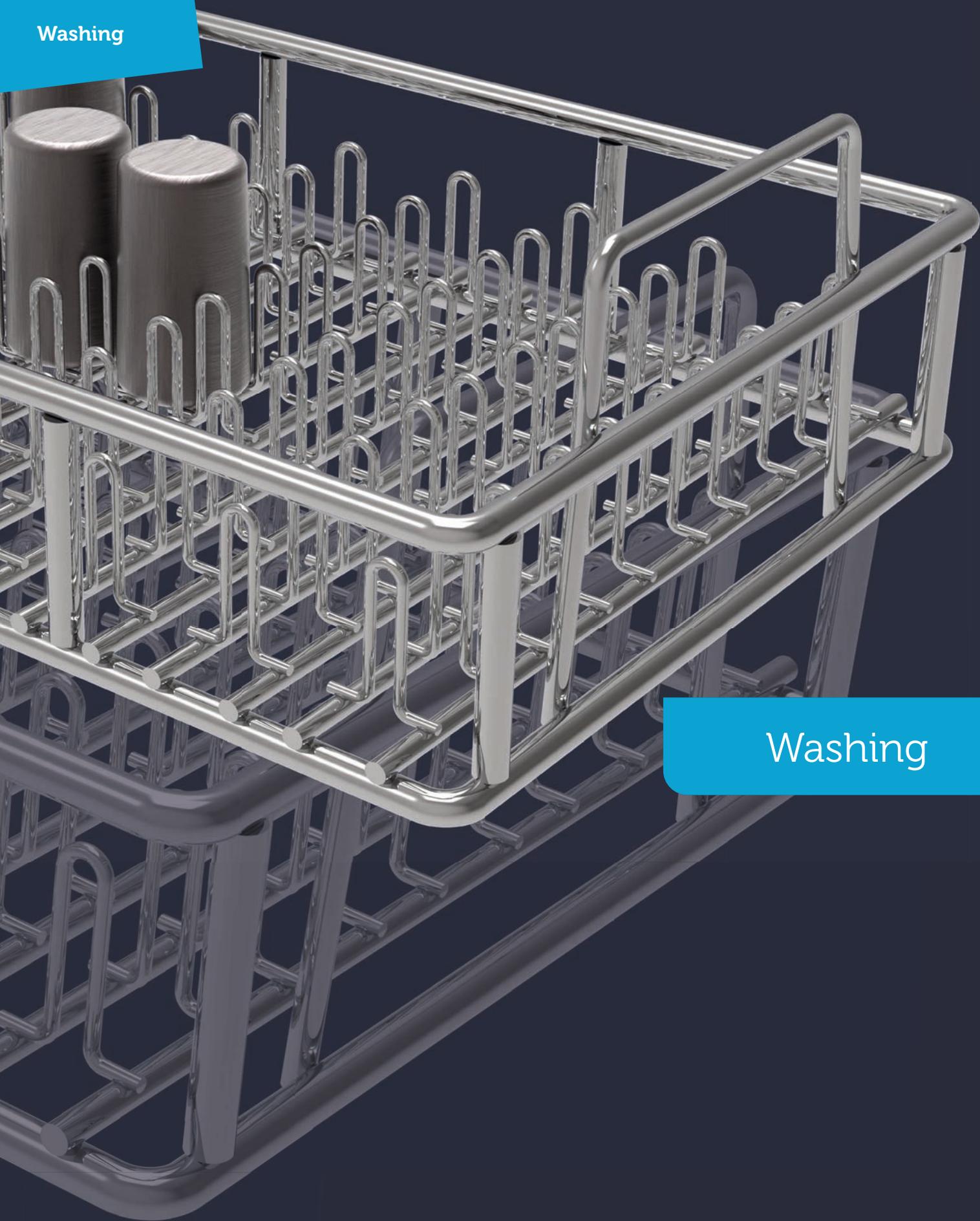
Sterilisation basket bags

PADIV10612



CLDIV10301

Washing



Washing

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www.tsa-industries.com

Our solutions for washing equipment

We offer our products to manufacturers or industrialists who require optimal washing of their products.

Our experience has enabled us to optimise our equipment to offer innovative solutions, in particular when it comes to:

- Performance (accuracy, ...)
- Hygiene (optimal washing, ...)
- Sturdiness and reliability over time

Contact us

+33 (0)3 29 42 50 00

Washing

Loose baskets



Spacers

Spacers for loose baskets.
Dimensions adapted to your basket.
GRDIV12248



BASKETS

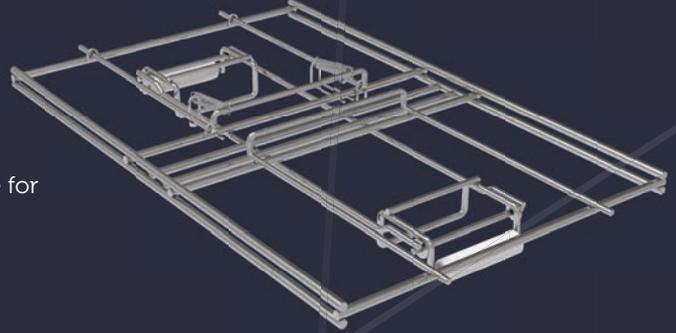
Loose baskets

Very resistant with meshes and dimensions adapted to the products to be washed.

PAPAN11337

Lids

Lockable lids suitable for all basket sizes.
GRDIV12250



Baskets for positioning mechanical parts, plastics, etc...

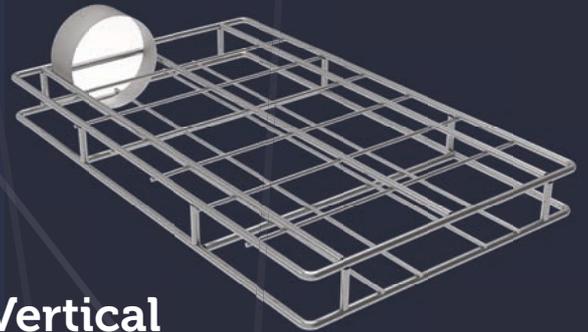
Our design office adapts its designs to your specifications for optimum positioning of your items.



Positioning baskets

for aeronautical bearing rings

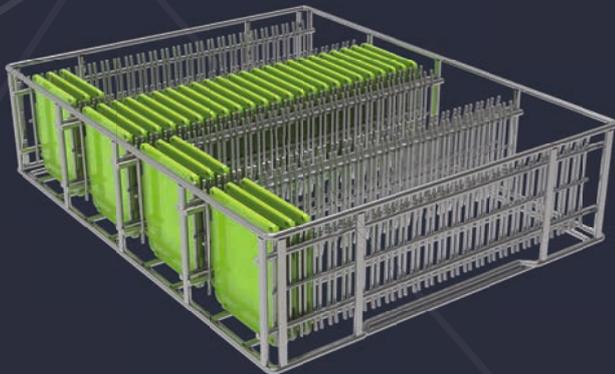
PADIV10836



Vertical

polymerisation baskets

PADIV10096



Ultrasonic wash baskets

for plastic plates

PADIV10857



Polymerisation baskets

for optical lenses

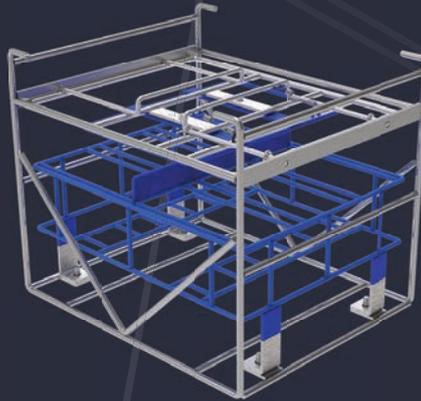
PADIV10391



Positioning baskets

for washing crystal decanters

PADIV10589



Phosphate-treated baskets

for injectors in the automotive industry

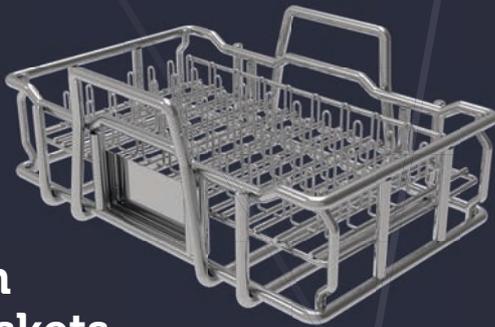
PADIV10344



Pin baskets

for positioning rings

PADIV10054



Wash baskets

with Halar-coated stainless steel inserts for watch plates

PADIV10514 + PADIV10515 +
PADIV10516 (Rolex)



Baskets 6 pathways

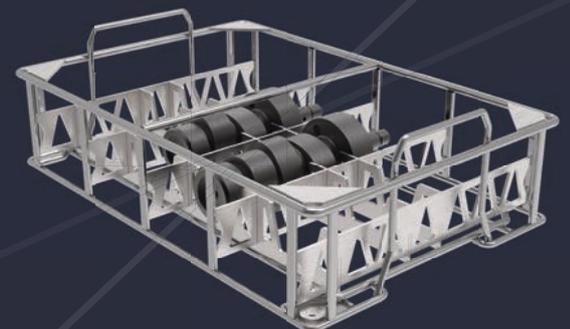
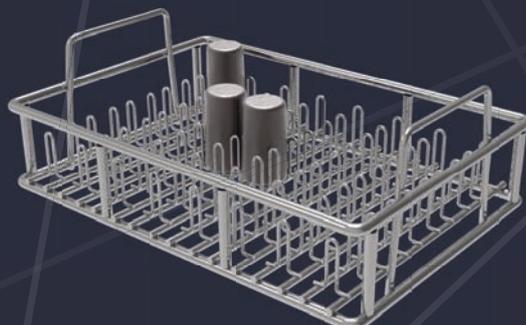
for cast parts

PAPAN00194

Pin baskets

for ultrasonic cleaning

PADIV10894

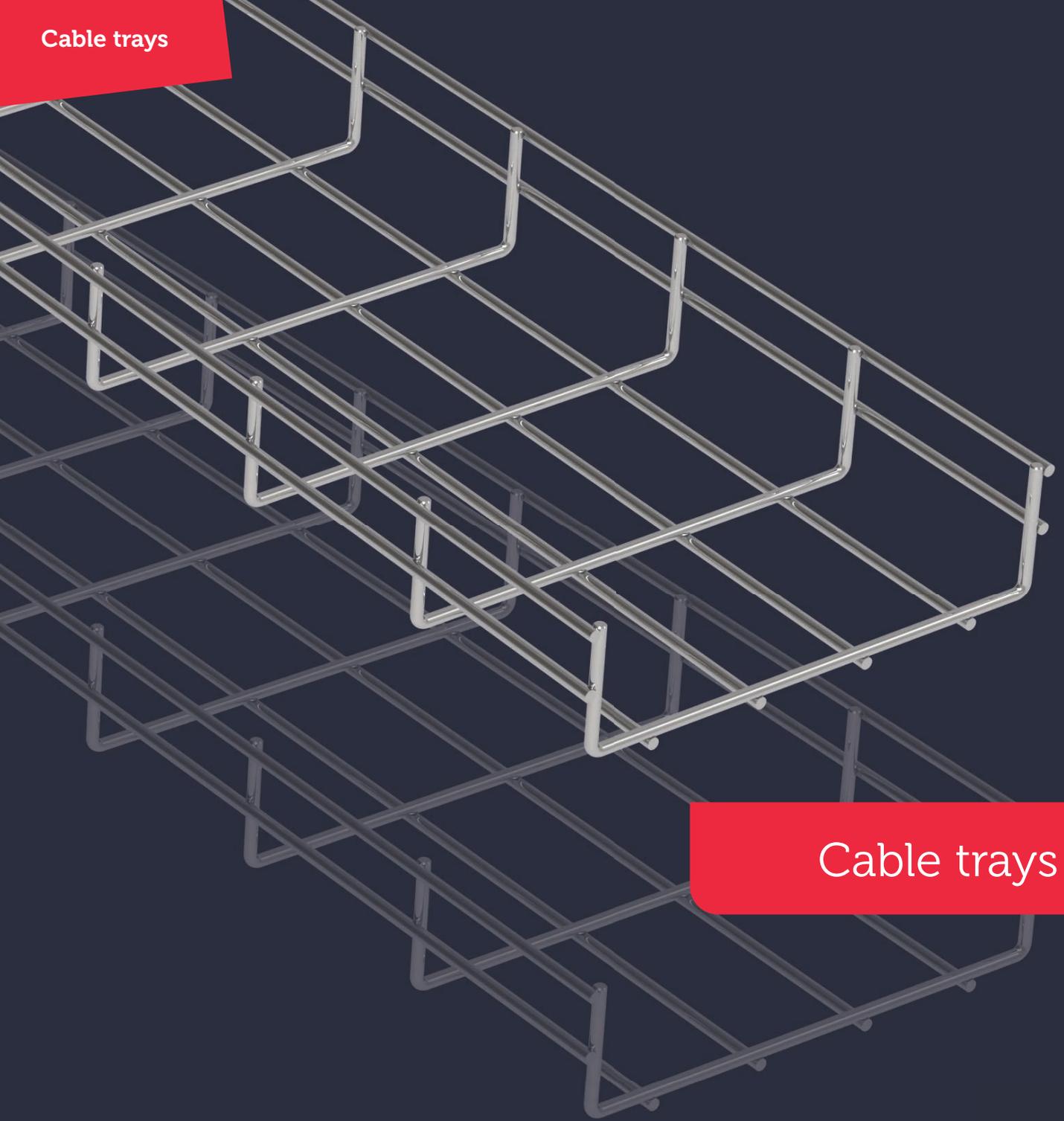


Baskets positional

for camshafts

PADIV10871

Cable trays



Cable trays

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Cable trays

Our solutions for cable trays and panels

We offer our products to distributors of electrical materials or to manufacturers.

Our experience has enabled us to optimise our equipment to offer innovative solutions in particular when it comes to:

- Hygiene (cleaning, no bacteria nests, ...)
- Sturdiness
- Reliability over time

Contact us

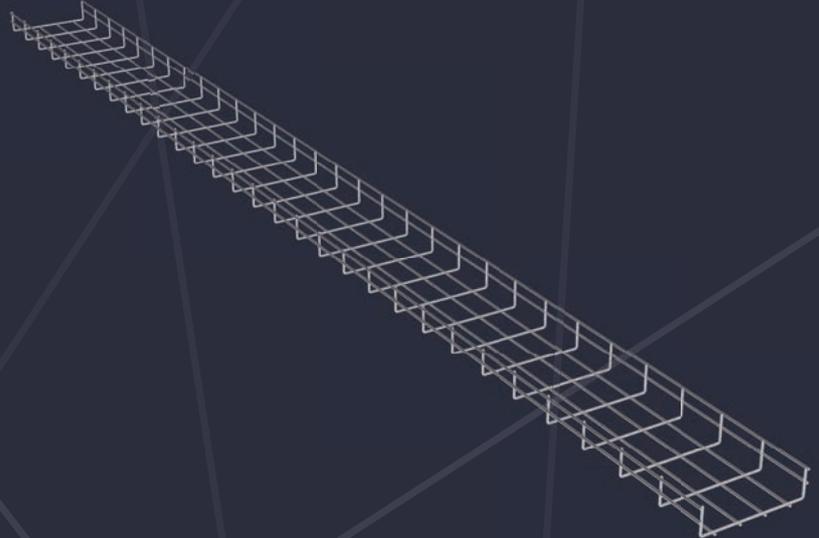
+33 (0)3 29 42 50 00



Cable trays

- Length of cable trays: 2 or 3 meters
- Height: 33 or 53mm
- Wire diameter: 4 or 5mm
- Passive-etched or electropolished finish

CDCDC20044



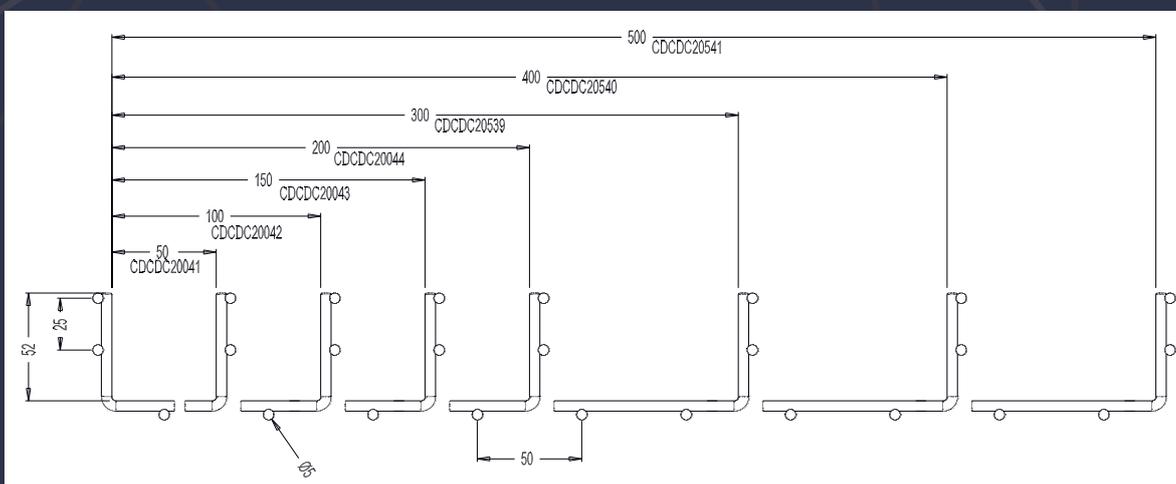
Ø 4 mm

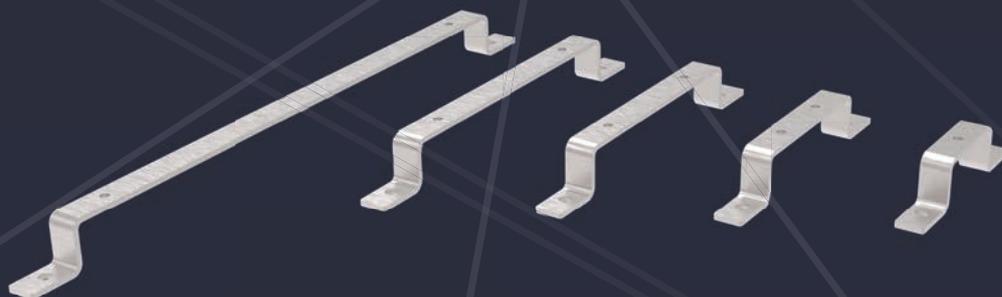
Height	Width	Reference (3m)	Weight (kg/metre)
53 mm	50 mm	CDC20535	0.650
	100 mm	CDC20536	0.800
	150 mm	CDC20537	0.950
	200 mm	CDC20538	1.100

33 mm	50 mm	CDC20530	0.400
	100 mm	CDC20531	0.550

Ø 5 mm

Height	Width	Reference (3m)	Weight (kg/metre)
53 mm	50 mm	CDC20041	1
	100 mm	CDC20042	1.250
	150 mm	CDC20043	1.450
	200 mm	CDC20044	1.700
	300 mm	CDC20539	2.150
	400 mm	CDC20540	2.600
33 mm	50 mm	CDC20048	0.650
	100 mm	CDC20049	0.850





ACCESSORIES

Vertical brackets

Wide range of accessories to meet standard or specific needs.

CDDIV10081 to CDDIV10086

Reference	Description
CDDIV10081	Width 50 mm
CDDIV10082	Width 100 mm
CDDIV10083	Width 150 mm
CDDIV10084	Width 200 / 300 mm
CDDIV10086	Width 400 / 500 mm

Ceiling supports

CDDIV10053

Reference	Description
CDDIV10052	Width 100 mm
CDDIV10053	Width 150 mm
CDDIV10054	Width 200 mm
CDDIV10055	Width 300 mm
CDDIV10056	Width 400 mm



BRACKETS

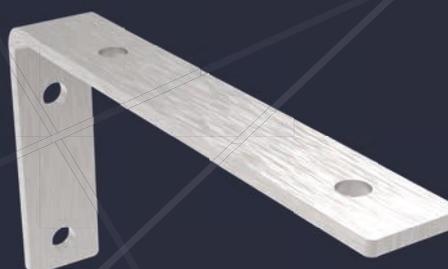
Flat iron

- Sewn, gloved, royal blue
- Slide fastener
- Short side door
- Ferroglass

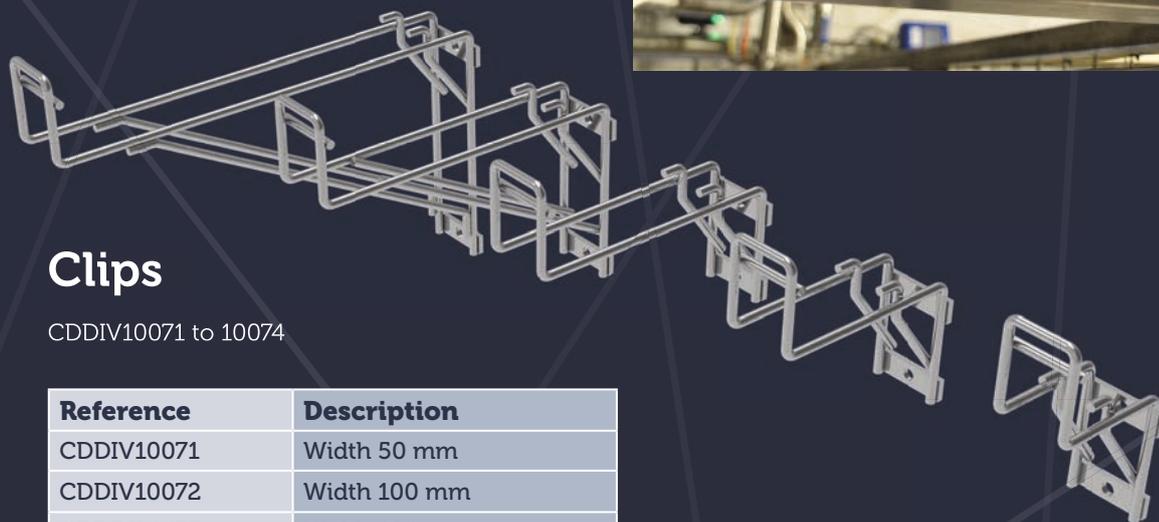
Reference	Description
CDDIV10061 / 62	Width 50 / 100 mm
CDDIV10063	Width 150 mm
CDDIV10064	Width 200 mm
CDDIV10065	Width 300 mm
CDDIV10066	Width 400 mm
CDDIV10067	Width 500 mm



CDDIV10066



CDDIV10063



Clips

CDDIV10071 to 10074

Reference	Description
CDDIV10071	Width 50 mm
CDDIV10072	Width 100 mm
CDDIV10073	Width 150 mm
CDDIV10074	Width 200 mm

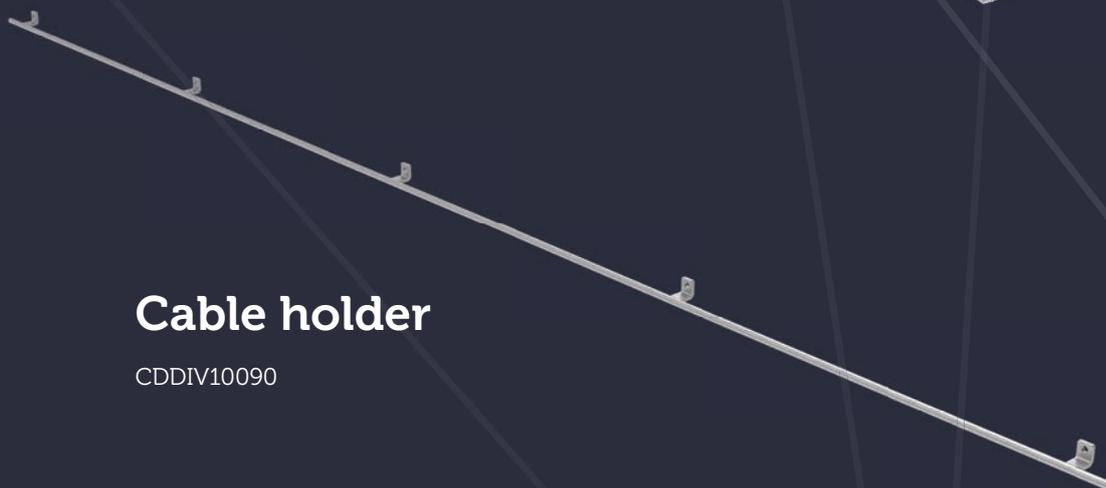
Zédinox

CDDIV10012



Cable holder

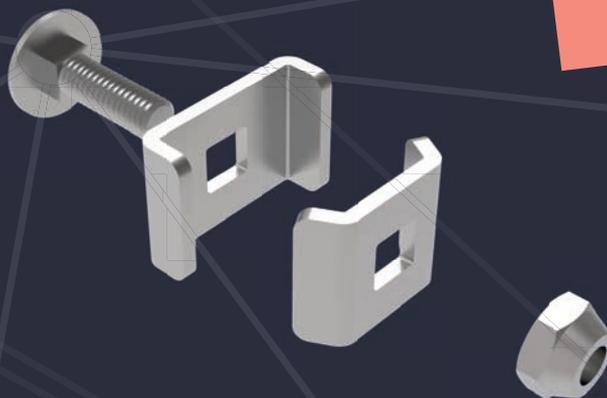
CDDIV10090



CABLE CLIPS

**Clip assembly
(4 items)**

CDDIV10001



**Universal clip
assembly
(3 pieces)**

CDDIV10101



**Quick
cable clip**

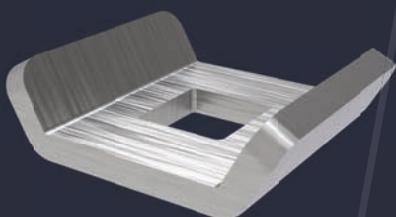
CDDIV10080



PLATES

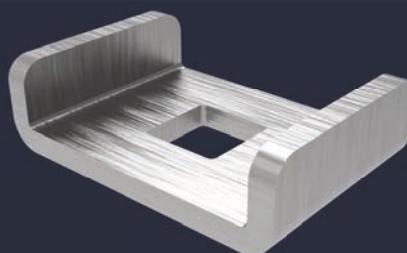
Small plate

CDDIV10009



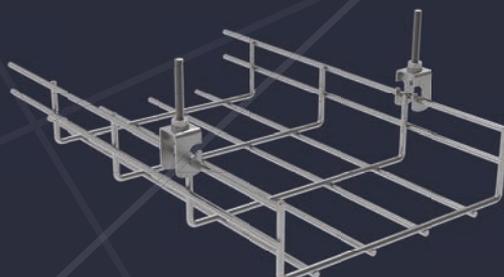
Large plate

CDDIV10010



**Fastening
clip**

CDDIV10003



CLIPS

Clip on drying rack

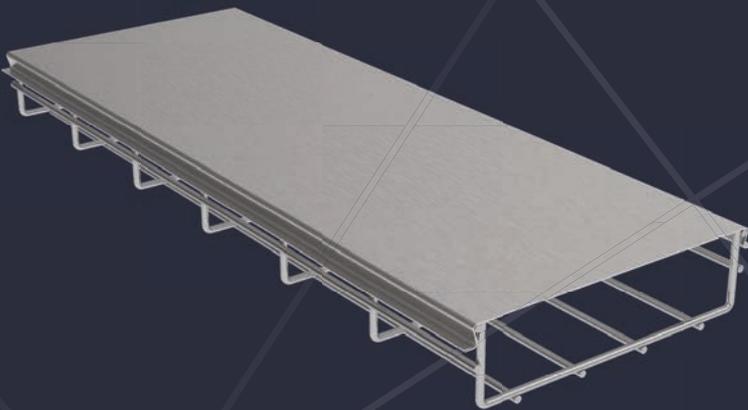
quick connection

CDDIV10002



Covers for cable protection

CDDIV10143



Length: 2 m

Reference	Description
CDDIV10141	Width 50 mm
CDDIV10142	Width 100 mm
CDDIV10143	Width 150 mm
CDDIV10144	Width 200 mm
CDDIV10145	Width 300 mm
CDDIV10146	Width 400 mm
CDDIV10147	Width 500 mm

Length: 3 m

Reference	Description
CDDIV20141	Width 50 mm
CDDIV20142	Width 100 mm
CDDIV20143	Width 150 mm
CDDIV20144	Width 200 mm
CDDIV20145	Width 300 mm
CDDIV20146	Width 400 mm
CDDIV20147	Width 500 mm

90° Angles



Reference	Description
CDDIV10150	Width 50 mm
CDDIV10151	Width 75 mm
CDDIV10152	Width 100 mm
CDDIV10153	Width 150 mm
CDDIV10154	Width 200 mm
CDDIV10155	Width 300 mm



Stainless steel panels

- Wide range in stock
- "Isabelle mesh» security grilles
- Panels for gabions
- Panels up to 4m long and 1.6m wide
- Mesh size on request
- Wire diameter from 2 to 10mm
- Rough, pickled-passivated or electro-polished finishing
- Ends half-mesh, without ends, overhanging threads, flattened threads

FIPAN10250

Reference	Size (mm)	Wire diameter (mm)	Mesh size (mm)
FIPAN10056	2000 x 1000	2.4	25 x 25
FIPAN10044	2000 x 1225	2.4	25 x 25
FIPAN10038	2000 x 1000	3	25 x 25
FIPAN10042	2000 x 1000	3	30 x 30
FIPAN10004	2000 x 1000	3	40 x 40
FIPAN10088	2000 x 1000	3	43 x 43
FIPAN10011	2000 x 1000	3	50 x 25
FIPAN10002	2000 x 1000	3	50 x 50
FIPAN10003	2000 x 1000	4	40 x 40
FIPAN10087	2000 x 1000	4	44 x 44
FIPAN10001	2000 x 1000	4	50 x 50

We design and manufacture
made-to-measure stainless steel
accessories

Our process



A devoted
Team



Customer
relations



Expert
manufacturing



R&D

TSA Industries Group



We are the leader in
Europe in manufacturing
food processing
accessories



Turnover
of 25 million
€uros



Over 200
experienced
collaborators



3 production
sites in
Europe

TSA Industries

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TSA

INDUSTRIES

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