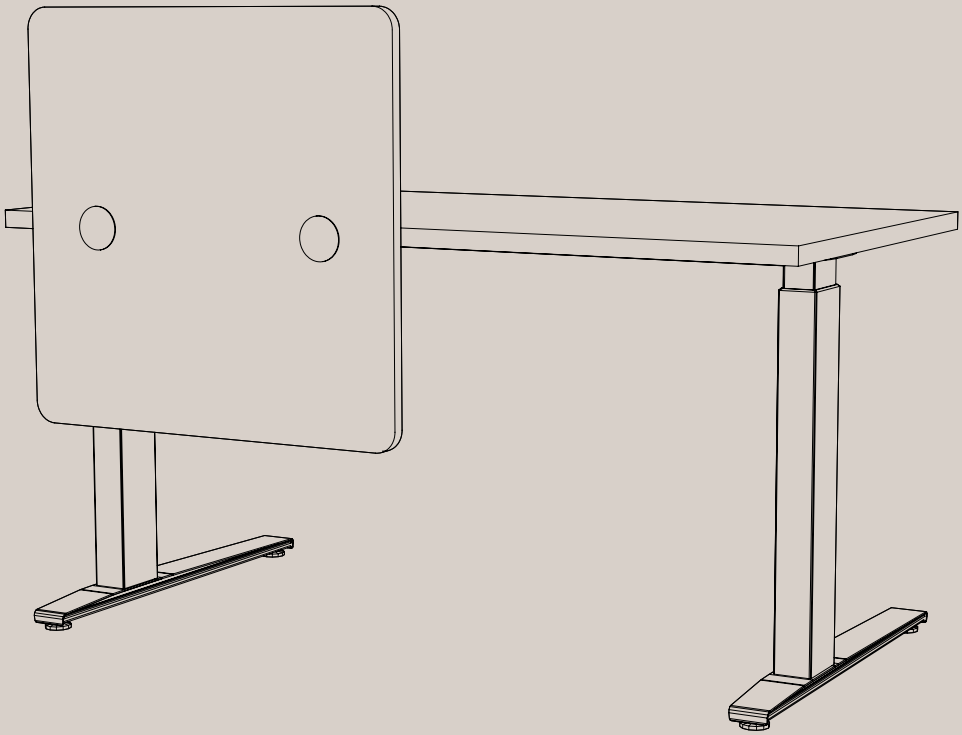
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Infra
Desk Division

745.24.30.000.00-13
745.24.31.000.00-13
745.24.32.000.00-13
745.24.33.000.00-13
745.24.34.000.00-13
745.24.40.000.00-13
745.24.41.000.00-13
745.24.42.000.00-13
745.24.43.000.00-13
745.24.44.000.00-13

TECHNICAL DATA SHEET

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Desk Division

General Information



Data

Applicable article numbers

745.24.30.000.00-13	745.24.32.000.00-13	745.24.34.000.00-13	745.24.41.000.00-13	745.24.43.000.00-13
745.24.31.000.00-13	745.24.33.000.00-13	745.24.40.000.00-13	745.24.42.000.00-13	745.24.44.000.00-13

Dimensions[1]

Width	1180 mm	46.46″
Height	450 mm	17.72″
Panel thickness	24 mm	0.94″

Material

PET Panel	100% PET (60% post-consumer) in 32 colors
Adapter	Steel (powder coated black)

Extended document available

Weight[2]

PET Panel	4kg/m2 (±10%)	0.82 lbs/ft2 (±10%)
Adapter	0.32 g	705 lbs

Included

Acoustic panels

Adapter

Assembly guide

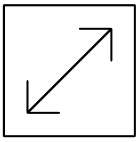
Warranty 2 years[3]

1 - all dimensions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

Desk Division
Specification Guide

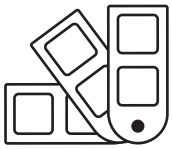
Ensure you make the perfect choice by choosing our solutions for your next project. Explore our range of standard solutions or contact us directly for a more in-depth discussion of personalised customized options.

1 Specify your product:



Size

page 6



Color

page 7



Pattern

page 5

2 Article numbers:

Item	Material	Size option	Color	Pattern
743	24mm	Choose size	Choose color	Choose pattern

Example: 743.24.12.662.10

Standing Partition - Asto, 24mm, 1600x1800 662 - Poster Red - Web Pattern

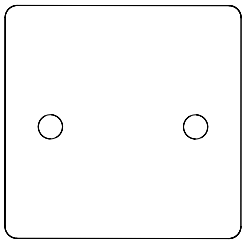
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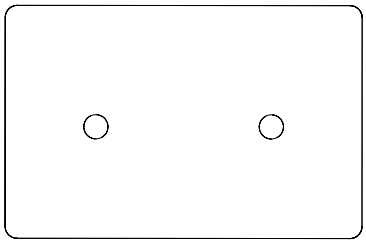
Available sizes

Please note that all sizes are available in four perforated and one plain version.



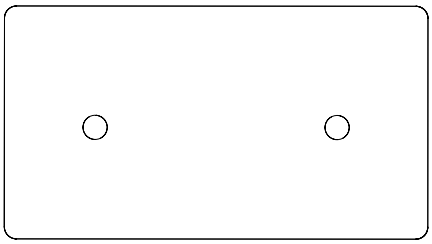
745.24.**30**.000.XX - Infra Desk Division

780x770
(30.70"x30.32")



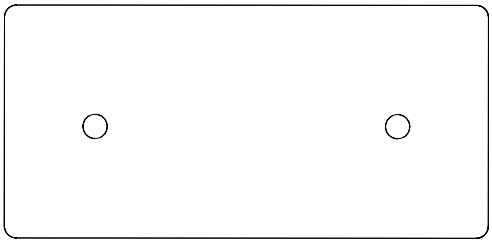
745.24.**31**.000.XX - Infra Desk Division

1180x770
(46.46"x30.32")



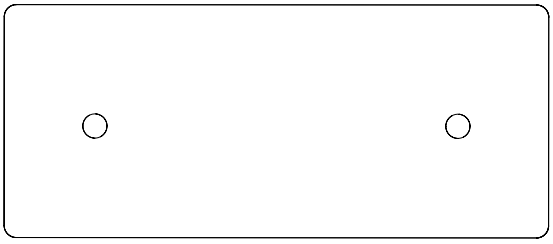
745.24.**32**.000.XX - Infra Desk Division

1400x770
(55.12"x30.32")



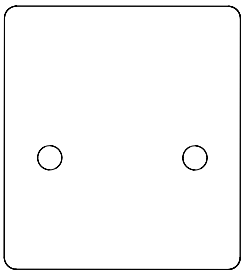
745.24.**33**.000.XX - Infra Desk Division

1600x770
(62.99"x30.32")



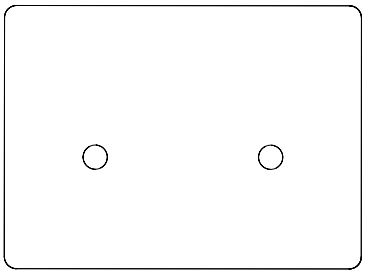
745.24.**34**.000.XX - Infra Desk Division

1800x770
(70.87"x30.32")



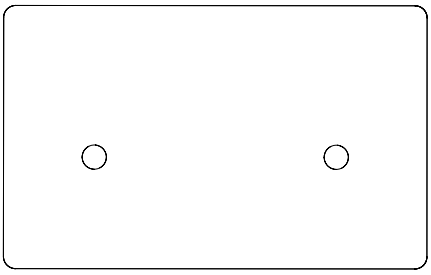
745.24.**40**.000.XX - Infra Desk Division

780x870
(30.70"x34.25")



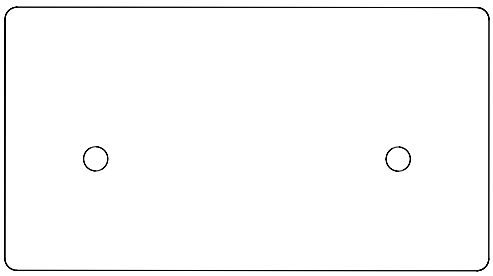
745.24.**41**.000.XX - Infra Desk Division

1180x870
(46.46"x34.25")



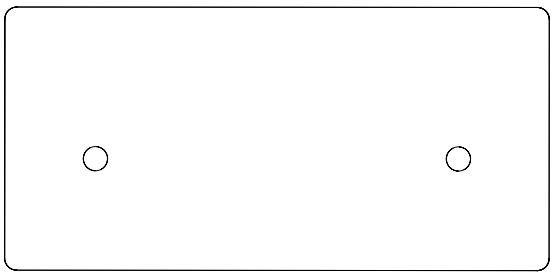
745.24.**42**000.XX - Infra Desk Division

1400x870
(55.12"x34.25")



745.24.**43**.000.XX - Infra Desk Division

1600x870
(62.99"x34.25")



745.24.**44**.000.XX - Infra Desk Division

1800x870
(70.87"x34.25")

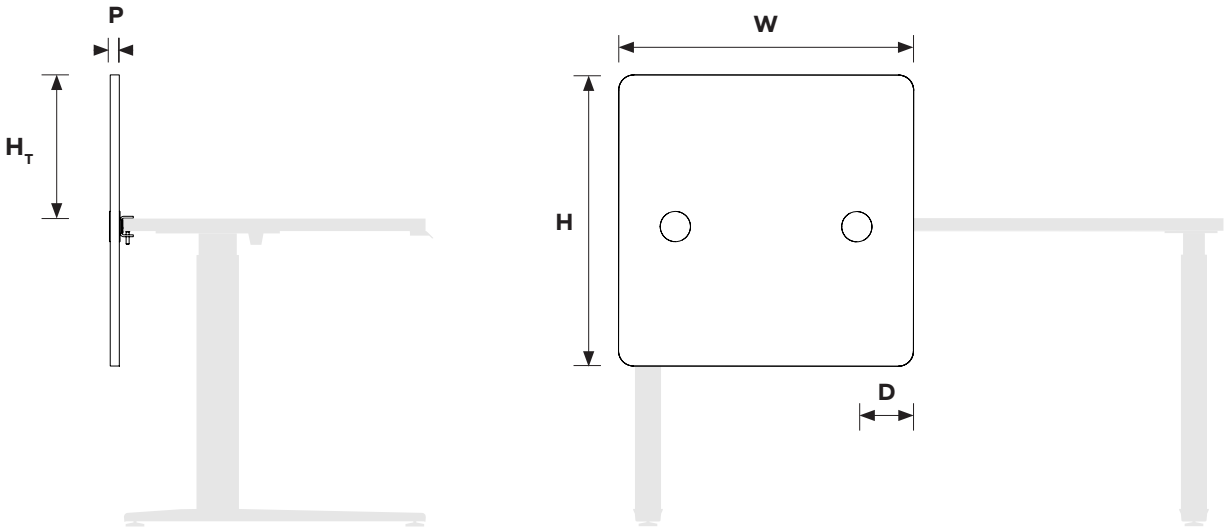
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Geometry Information

Infra Desk Division 745.24.30.000.00



Dimensions table[1]

W	Total width	780 mm	30.70″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	150 mm	5.9″

1 - all dimensions are nominal

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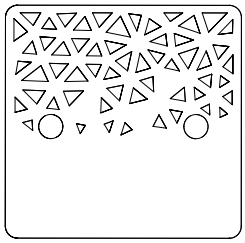
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Custom solutions available

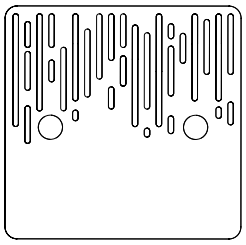
Available perforations

Please note that all patterns are available in eight sizes.

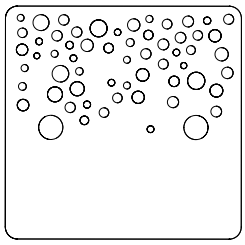
Infra Desk Division 745.24.30.000.00



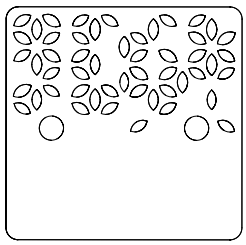
745.24.30.000.**10** - Infra Desk Division Web



745.24.30.000.**11** - Infra Desk Division Matrix



745.24.30.000.**12** - Infra Desk Division Bubbles



745.24.30.000.**13** - Infra Desk Division Crose

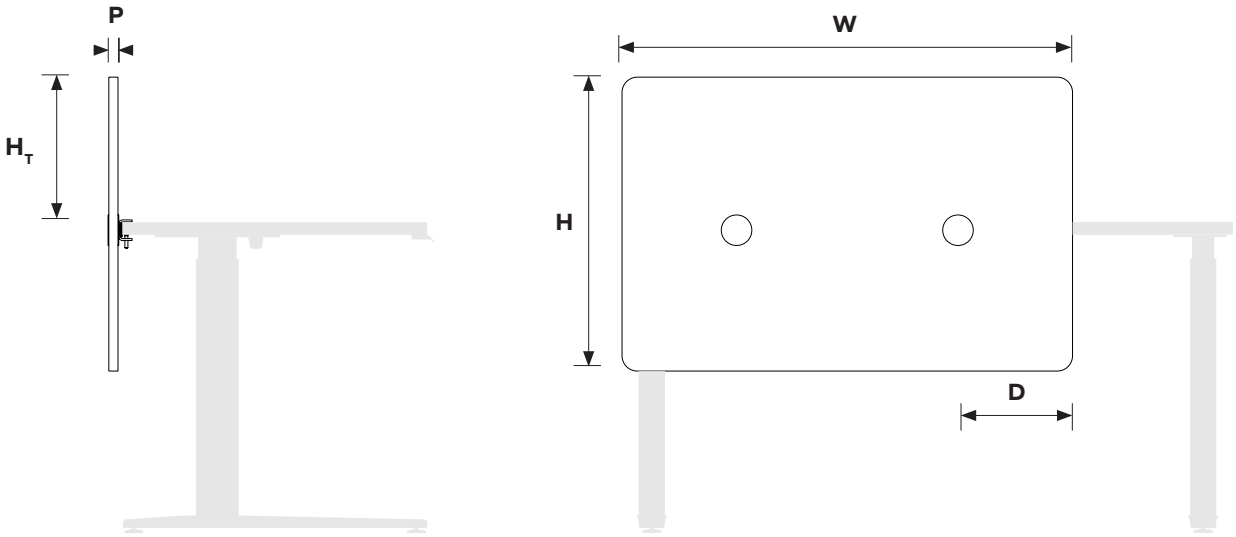
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Geometry Information

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Dimensions table[1]

W	Total width	1180 mm	46.46″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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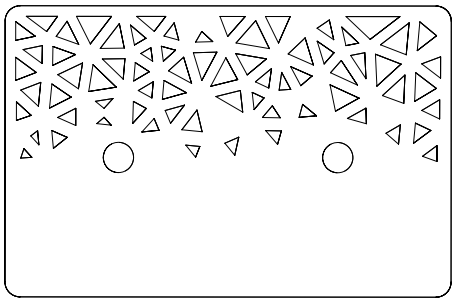
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Custom solutions available

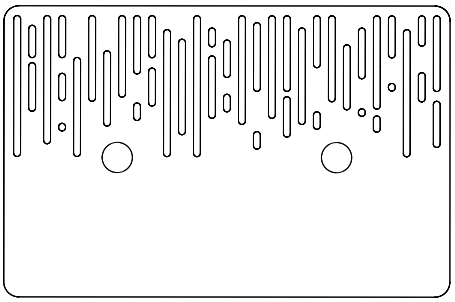
Available perforations

Please note that all patterns are available in eight sizes.

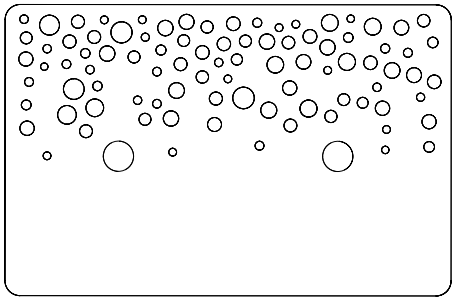
Infra Desk Division 745.24.31.000.00



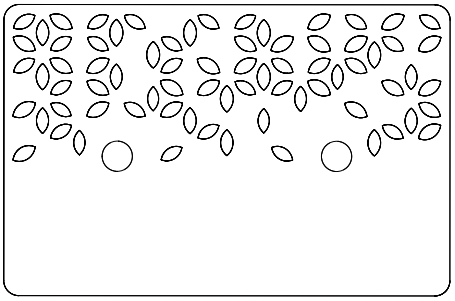
745.24.31.000.**10** - Infra Desk Division Web



745.24.31.000.**11** - Infra Desk Division Matrix



745.24.31.000.**12** - Infra Desk Division Bubbles



745.24.31.000.**13** - Infra Desk Division Crose

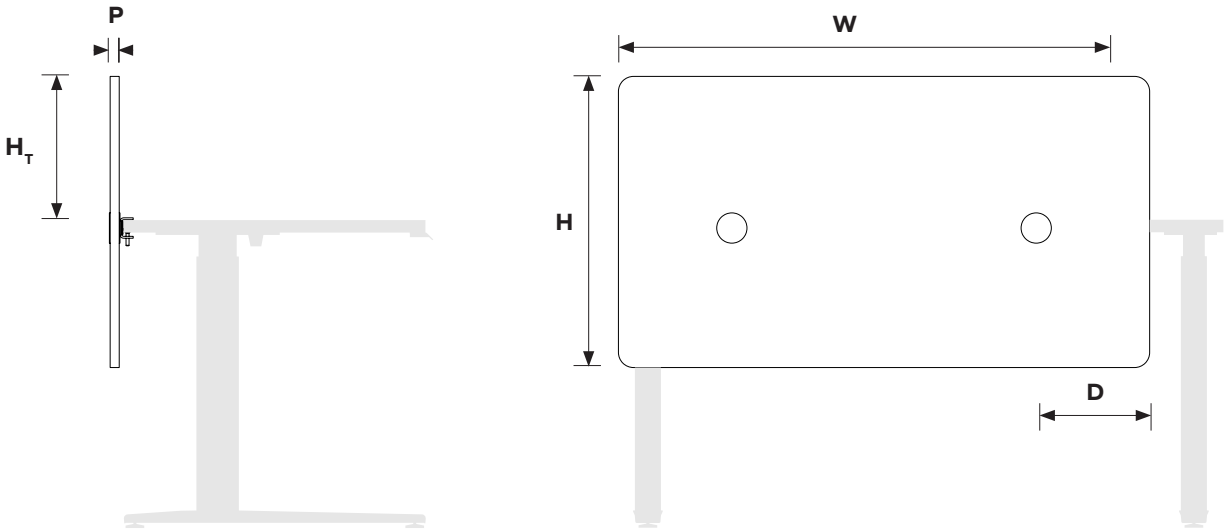
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Geometry Information

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Dimensions table[1]

W	Total width	1400 mm	55.12″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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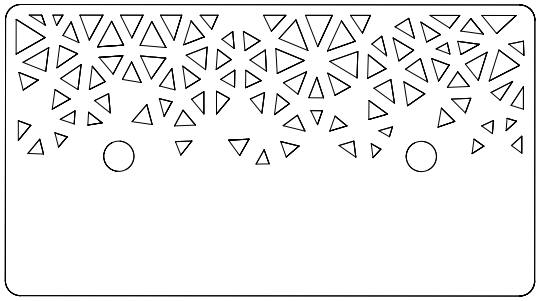
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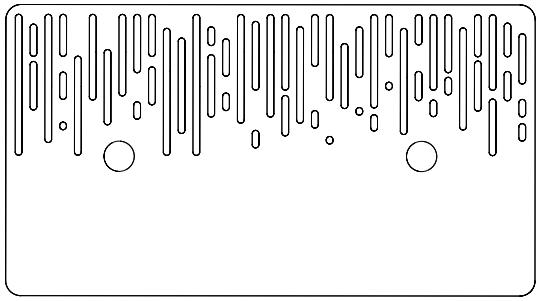
Available perforations

Please note that all patterns are available in eight sizes.

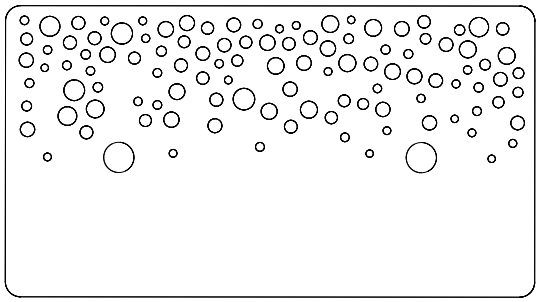
Infra Desk Division 745.24.32.000.00



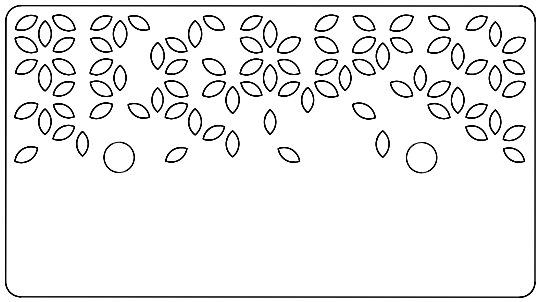
745.24.32.000.**10** - Infra Desk Division Web



745.24.32.000.**11** - Infra Desk Division Matrix



745.24.32.000.**12** - Infra Desk Division Bubbles



745.24.32.000.**13** - Infra Desk Division Crose

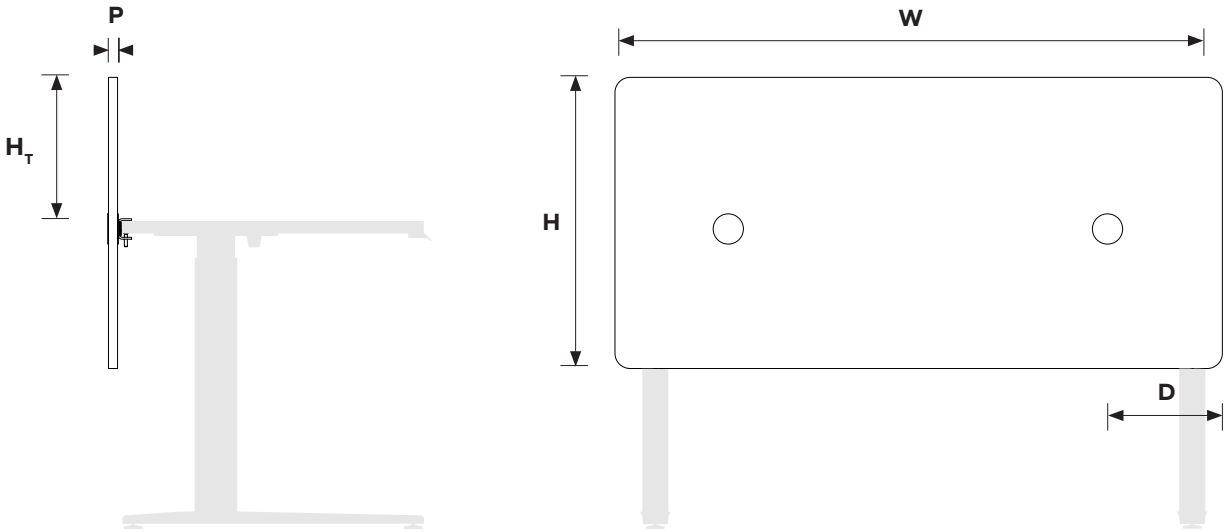
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Dimensions table[1]

W	Total width	1600 mm	62.99″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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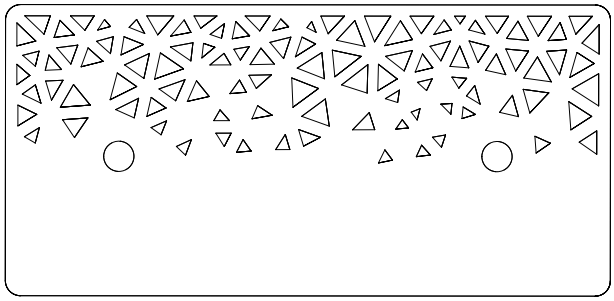
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Custom solutions available

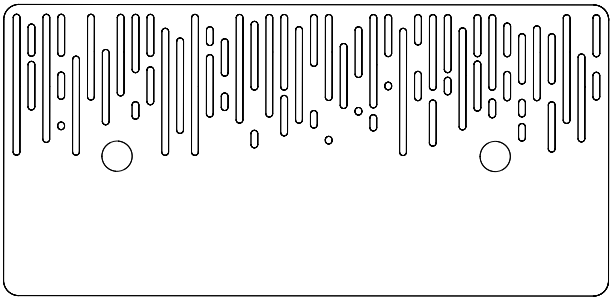
Available perforations

Please note that all patterns are available in eight sizes.

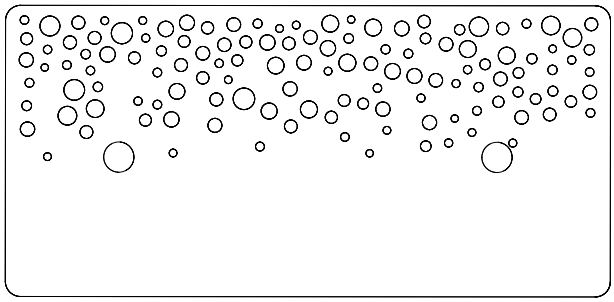
Infra Desk Division 745.24.33.000.00



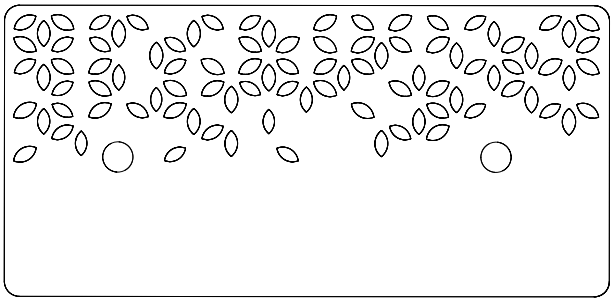
745.24.33.000.**10** - Infra Desk Division Web



745.24.33.000.**11** - Infra Desk Division Matrix



745.24.33.000.**12** - Infra Desk Division Bubbles



745.24.33.000.**13** - Infra Desk Division Crose

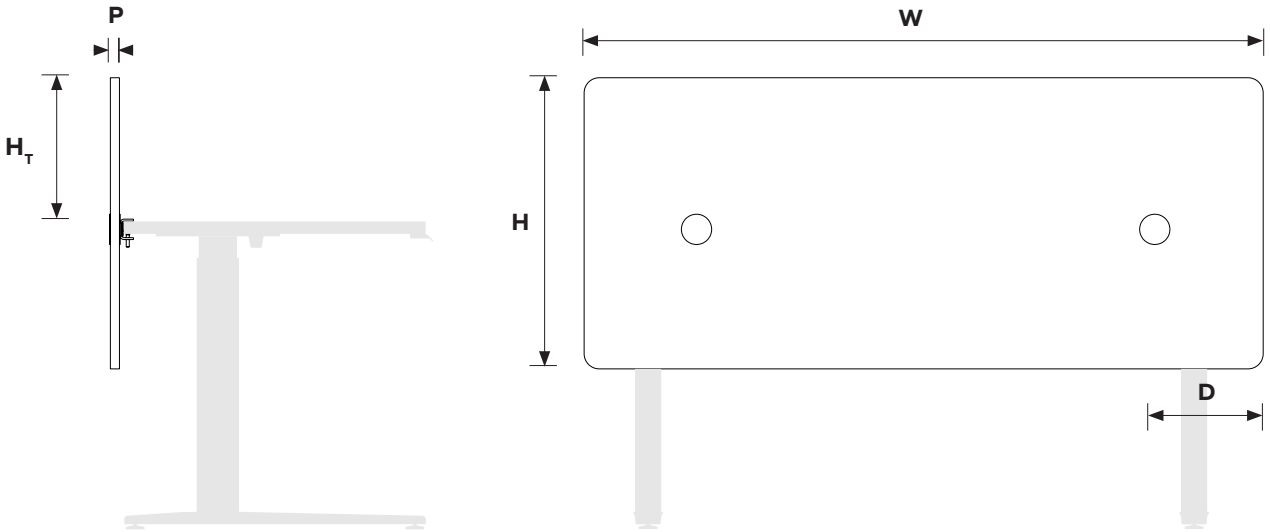
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Geometry Information

Infra Desk Division 745.24.34.000.00



Dimensions table[1]

W	Total width	1800 mm	70.87″
H	Total height	770 mm	30.32″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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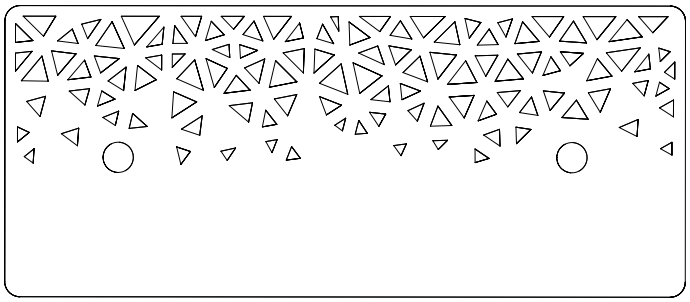
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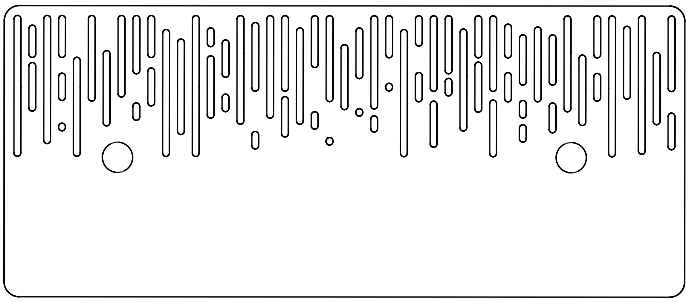
Available perforations

Please note that all patterns are available in eight sizes.

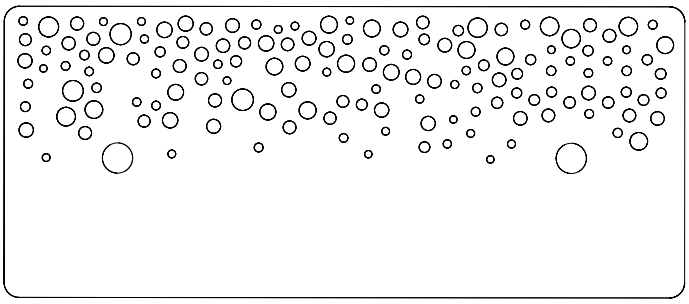
Infra Desk Division 745.24.34.000.00



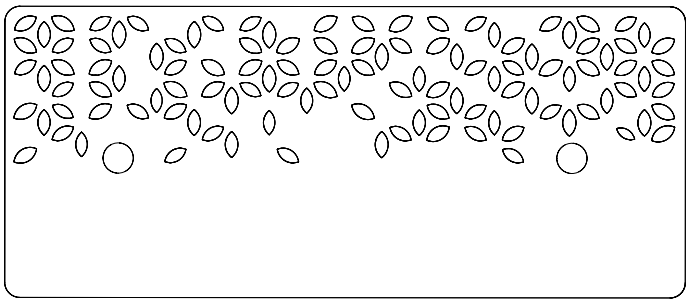
745.24.34.000.**10** - Infra Desk Division Web



745.24.34.000.**11** - Infra Desk Division Matrix



745.24.34.000.**12** - Infra Desk Division Bubbles



745.24.34.000.**13** - Infra Desk Division Crose

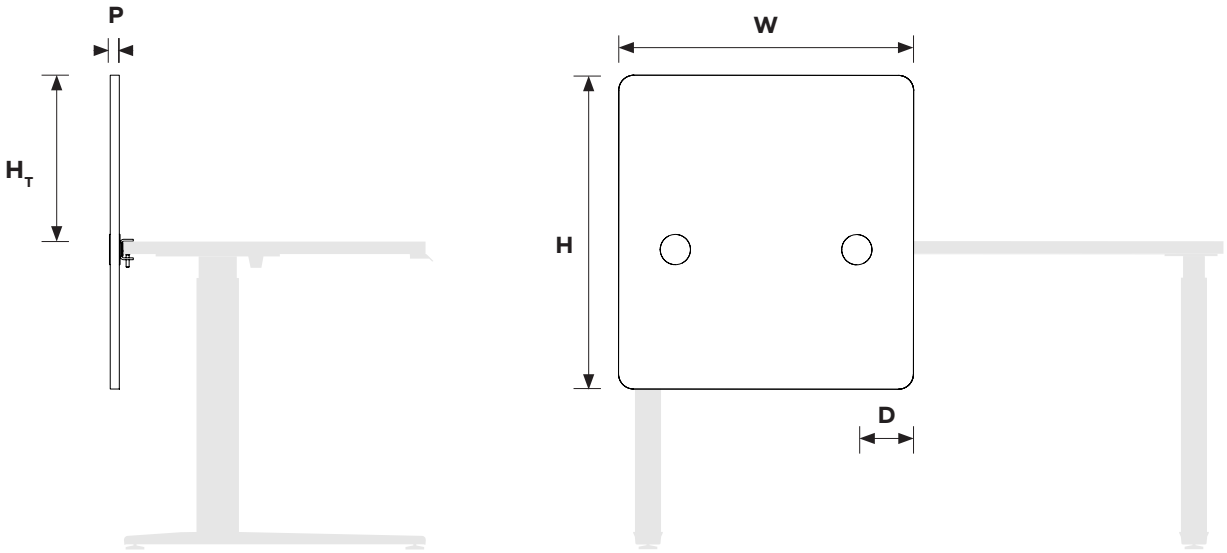
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Geometry Information

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Dimensions table[1]

W	Total width	780 mm	30.70″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	150 mm	5.9″

1 - all dimensions are nominal

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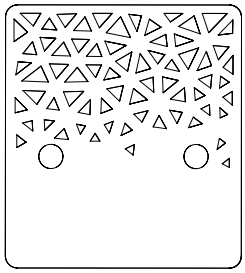
Infra

Custom solutions available

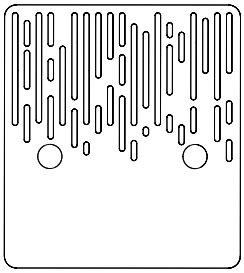
Available perforations

Please note that all patterns are available in eight sizes.

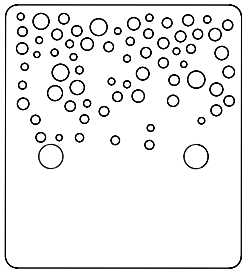
Infra Desk Division 745.24.40.000.00



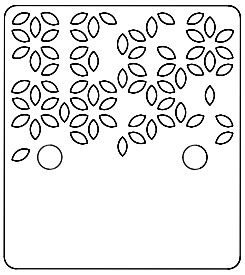
745.24.40.000.**10** - Infra Desk Division Web



745.24.40.000.**11** - Infra Desk Division Matrix



745.24.40.000.**12** - Infra Desk Division Bubbles



745.24.40.000.**13** - Infra Desk Division Crose

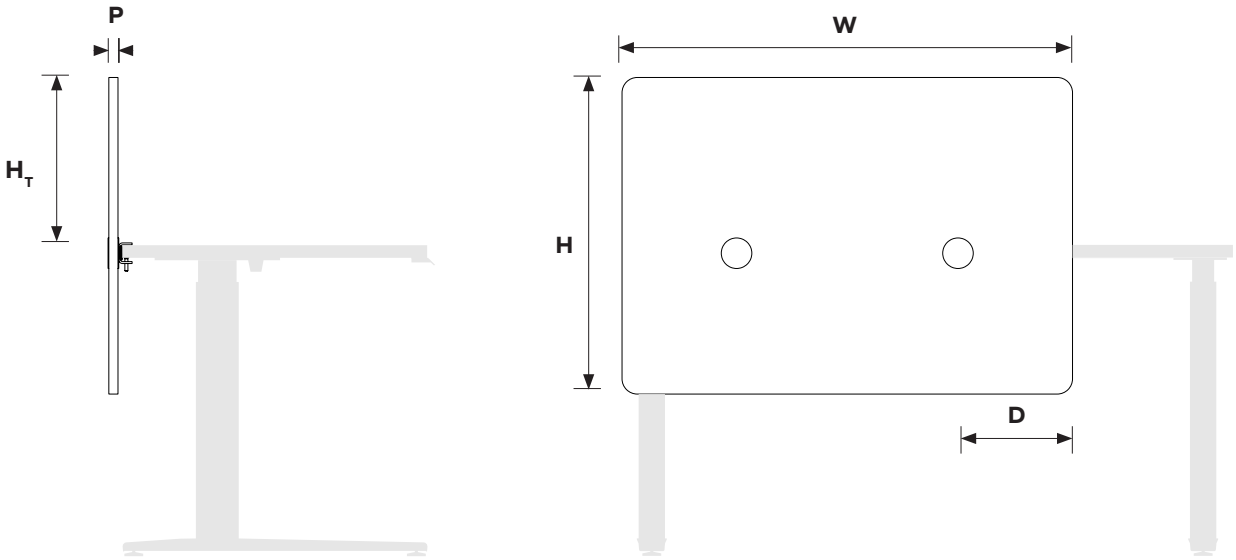
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Geometry Information

Infra Desk Division 745.24.41.000.00



Dimensions table[1]

W	Total width	1180 mm	46.46″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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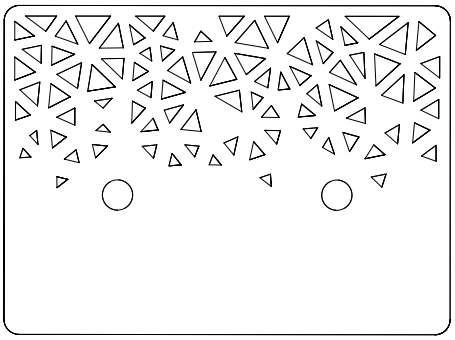
Infra

Custom solutions available

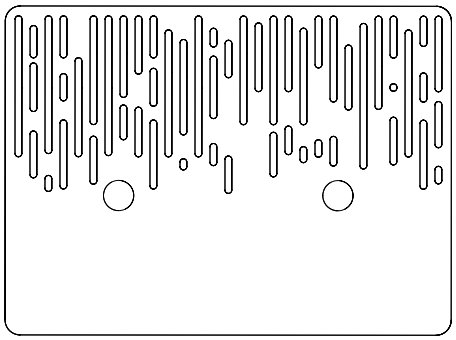
Available perforations

Please note that all patterns are available in eight sizes.

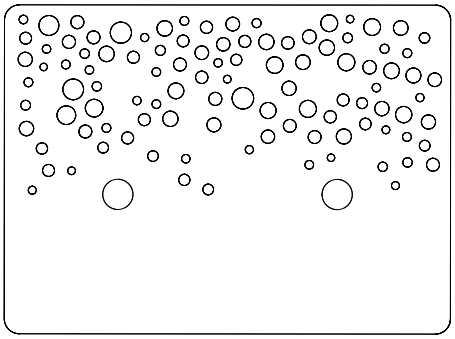
Infra Desk Division 745.24.41.000.00



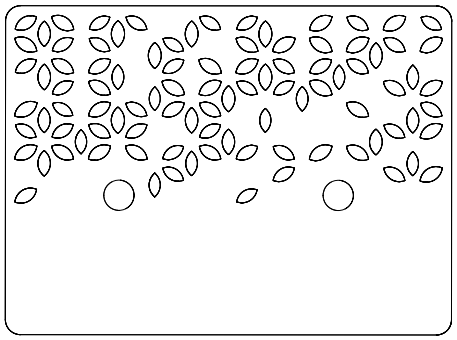
745.24.41.000.**10** - Supra Desk Division Web



745.24.41.000.**11** - Supra Desk Division Matrix



745.24.41.000.**12** - Supra Desk Division Bubbles



745.24.41.000.**13** - Supra Desk Division Crose

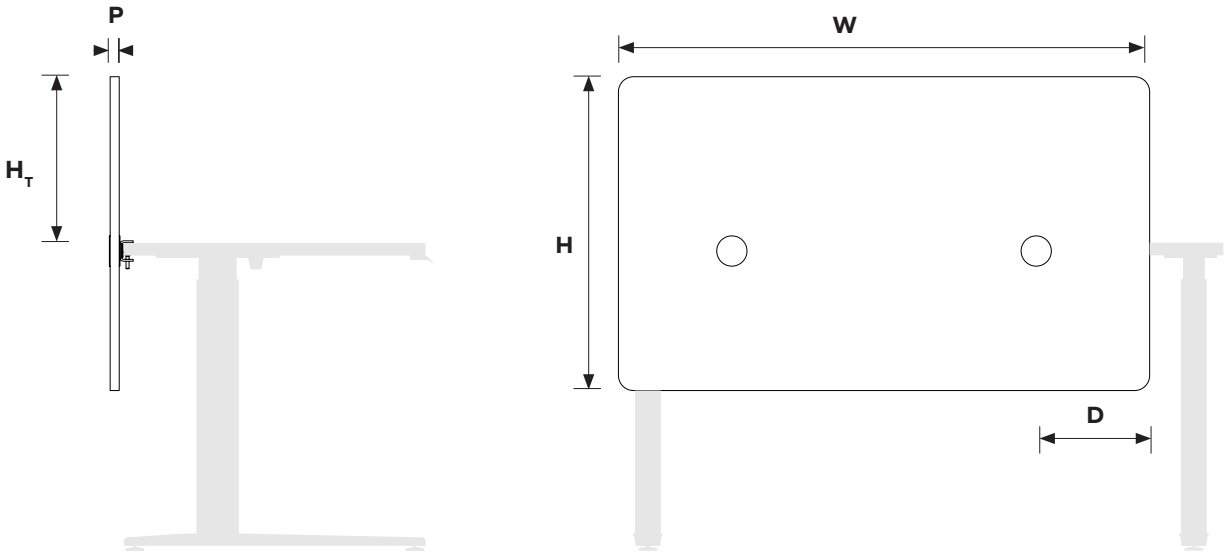
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Geometry Information

Infra Desk Division 745.24.42.000.00



Dimensions table[1]

W	Total width	1400 mm	55.12″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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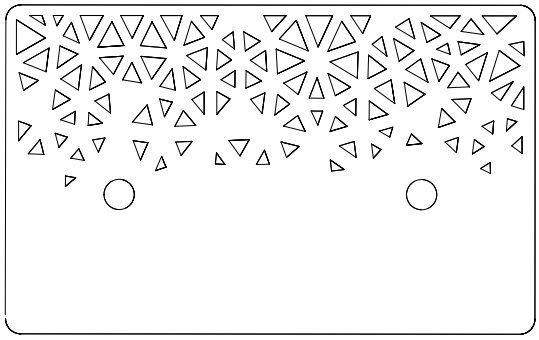
Infra

Custom solutions available

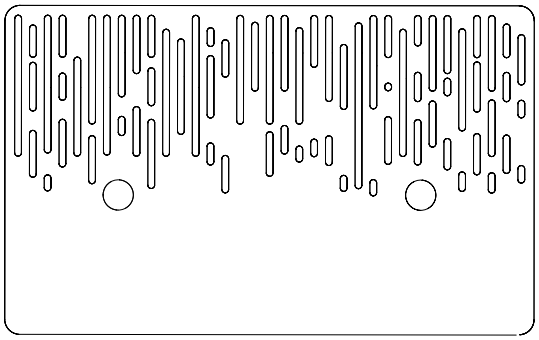
Available perforations

Please note that all patterns are available in eight sizes.

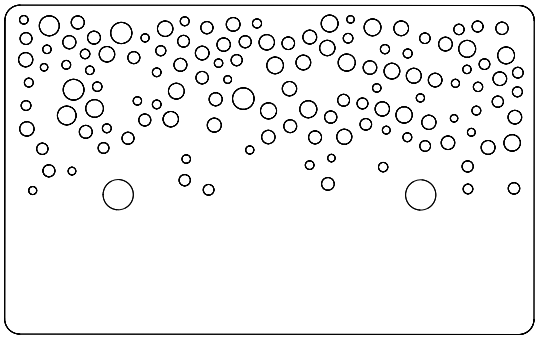
Infra Desk Division 745.24.42.000.00



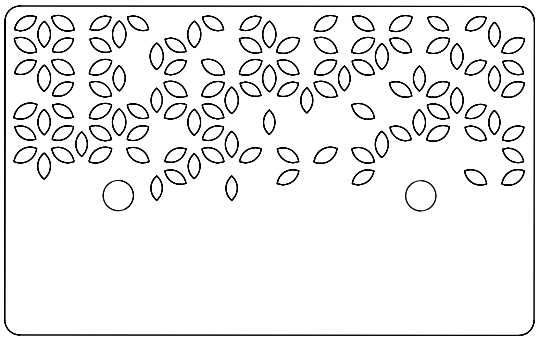
745.24.42.000.**10** - Infra Desk Division Web



745.24.42.000.**11** - Infra Desk Division Matrix



745.24.42.000.**12** - Infra Desk Division Bubbles



745.24.42.000.**13** - Infra Desk Division Crose

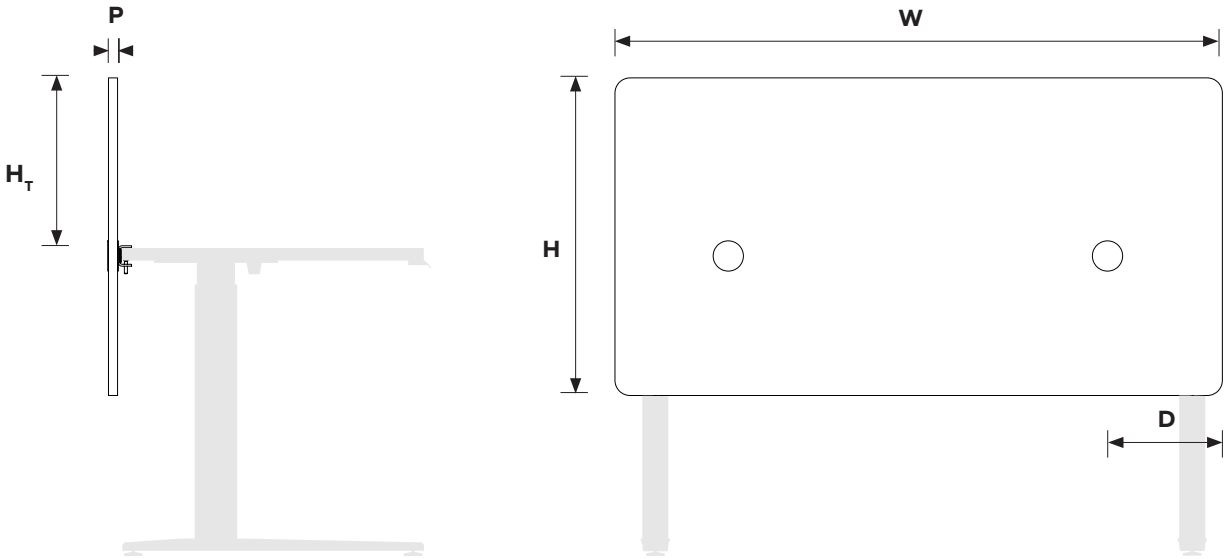
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Geometry Information

Infra Desk Division 745.24.43.000.00



Dimensions table[1]

W	Total width	1600 mm	62.99″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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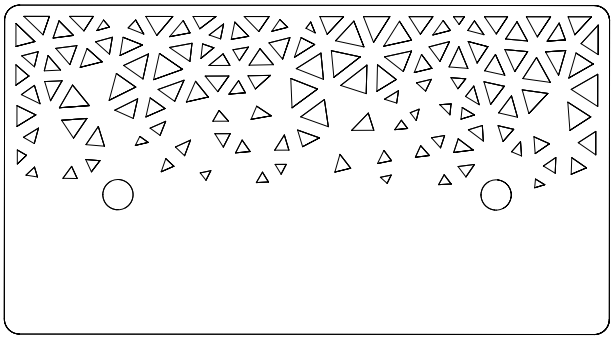
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Custom solutions available

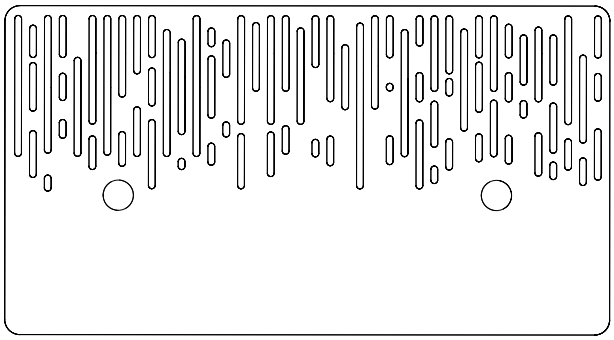
Available perforations

Please note that all patterns are available in eight sizes.

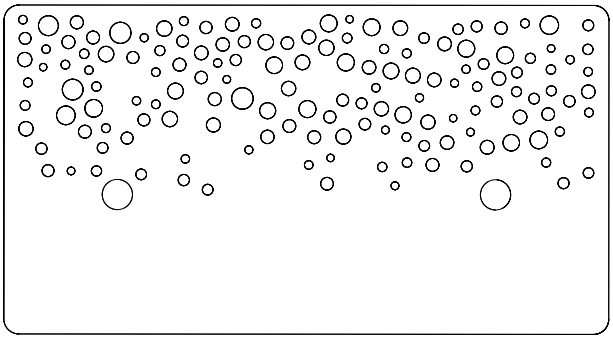
Infra Desk Division 745.24.43.000.00



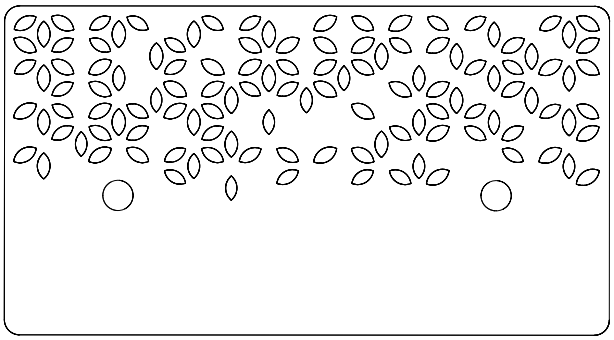
745.24.43.000.**10** - Infra Desk Division Web



745.24.43.000.**11** - Infra Desk Division Matrix



745.24.43.000.**12** - Infra Desk Division Bubbles



745.24.43.000.**13** - Infra Desk Division Crose

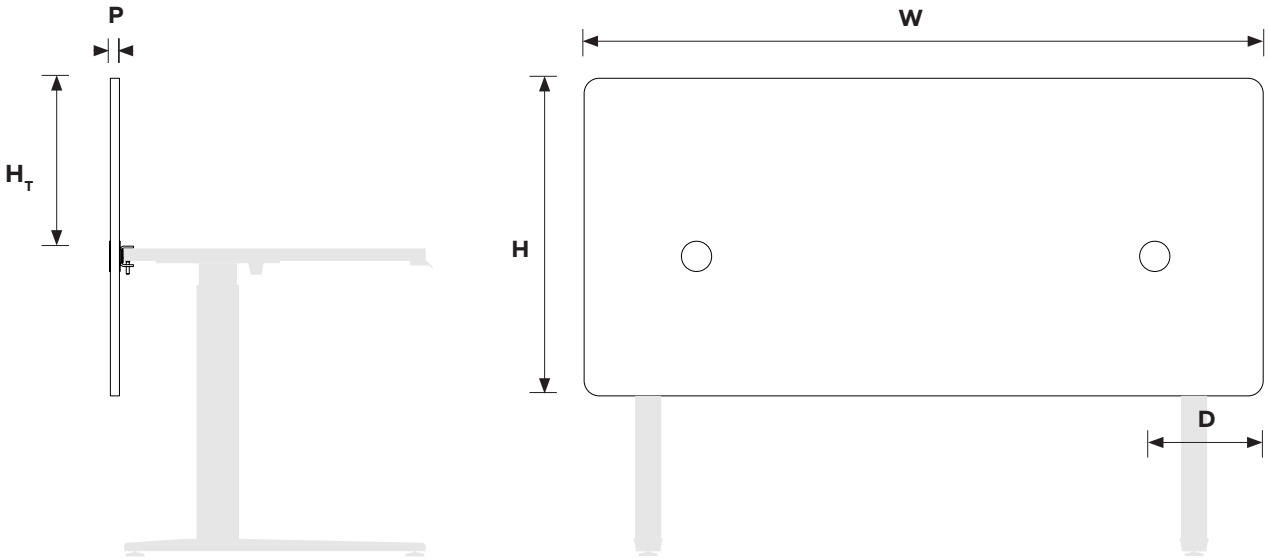
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Geometry Information

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Dimensions table[1]

W	Total width	1800 mm	70.87″
H	Total height	870 mm	34.25″
H_T	Height above table	380 mm	14.96″
P	Material thickness	24 mm	0.94″
D	Distance	300 mm	11.6″

1 - all dimensions are nominal

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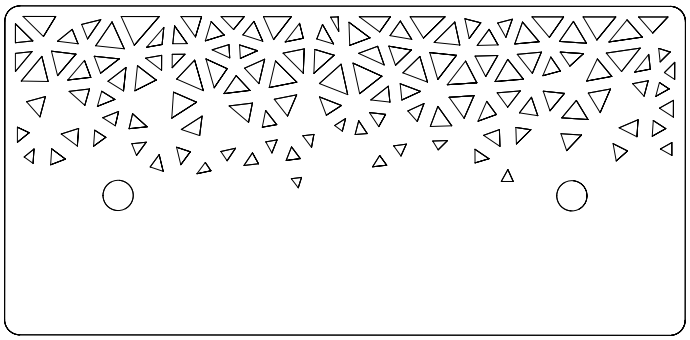
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Custom solutions available

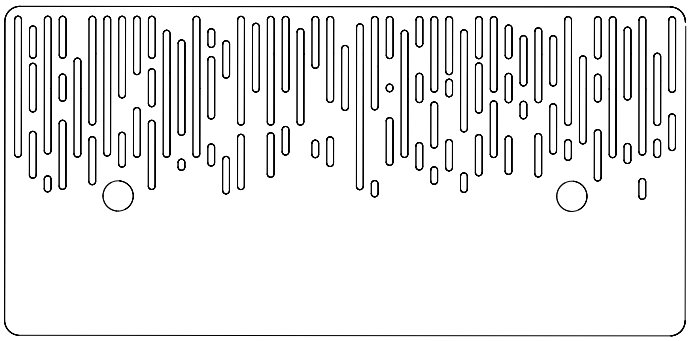
Available perforations

Please note that all patterns are available in eight sizes.

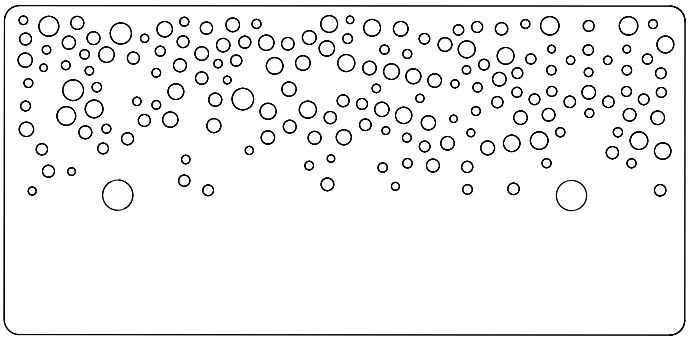
Infra Desk Division 745.24.44.000.00



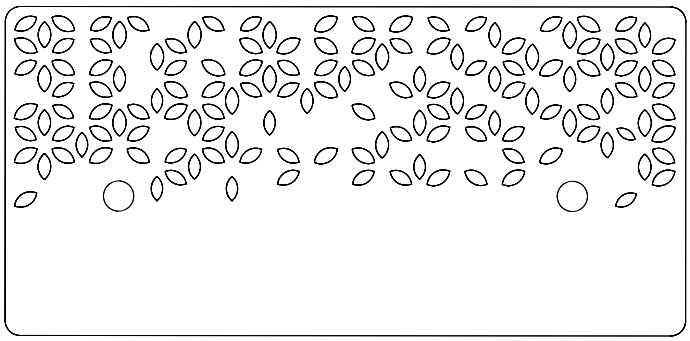
745.24.44.000.**10** - Infra Desk Division Web



745.24.44.000.**11** - Infra Desk Division Matrix



745.24.44.000.**12** - Infra Desk Division Bubbles



745.24.44.000.**13** - Infra Desk Division Crose

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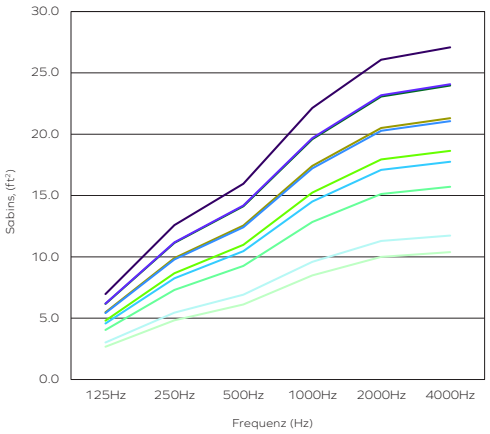
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Infra
Acoustic Performance

University of Stuttgart
Germany

Prüfnormen

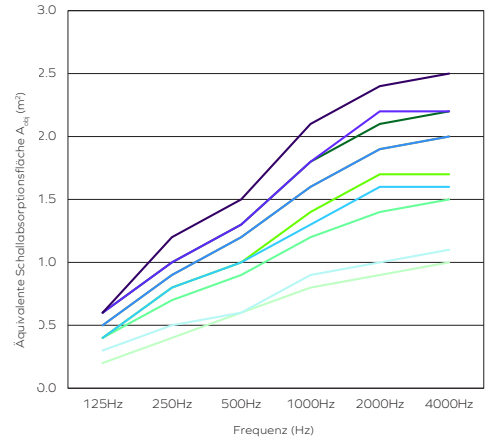
ISO 354:2003	Akustik - Messung der Schallabsorption in einem hallenden Raum
ISO 11654:1997	Akustik - Schallabsorber zur Verwendung in Gebäuden - Bewertung der Schallabsorption
ISO 20189:2018	Akustik - Bildschirme, Möbel und einzelne Gegenstände für den Innenbereich - Bewertung der Schallabsorption und Schallreduktion von Elementen auf der Grundlage von Labormessungen
ASTM C423-17	Standardprüfverfahren für Schallabsorption und Schallabsorptionskoeffizienten nach dem Hallraumverfahren
ASTM E795-16	Standardpraktiken für die Montage von Prüfkörpern bei Schallabsorptionsprüfungen



Akustische Leistung - ASTM Sabins , ft²

Frequenz (Hz)	125	250	500	1000	2000	4000
24mm Infra 780mm x 770mm	2.67	4.83	6.12	8.49	10.00	10.39
24mm Infra 1180mm x 770mm	4.04	7.30	9.26	12.84	15.13	15.71
24mm Infra 1400mm x 770mm	4.80	8.66	10.98	15.24	17.95	18.64
24mm Infra 1600mm x 770mm	5.48	9.90	12.55	17.42	20.51	21.31
24mm Infra 1800mm x 770mm	6.17	11.14	14.12	19.59	23.07	23.97
24mm Infra 780mm x 870mm	3.02	5.45	6.91	9.59	11.30	11.74
24mm Infra 1180mm x 870mm	4.57	8.25	10.46	14.51	17.09	17.75
24mm Infra 1400mm x 870mm	5.42	9.79	12.41	17.22	20.28	21.06
24mm Infra 1600mm x 870mm	6.19	11.19	14.18	19.68	23.17	24.07
24mm Infra 1800mm x 870mm	6.97	12.59	15.96	22.14	26.07	27.08

Das Diagramm stellt die Sabins (ft2) in den Mittenfrequenzen des dritten Oktavbandes dar.



Akustische Leistung - ISO A_{obj} , m²

Frequenz (Hz)	125	250	500	1000	2000	4000
24mm Infra 780mm x 770mm	0.2	0.4	0.6	0.8	0.9	1.0
24mm Infra 1180mm x 770mm	0.4	0.7	0.9	1.2	1.4	1.5
24mm Infra 1400mm x 770mm	0.4	0.8	1.0	1.4	1.7	1.7
24mm Infra 1600mm x 770mm	0.5	0.9	1.2	1.6	1.9	2.0
24mm Infra 1800mm x 770mm	0.6	1.0	1.3	1.8	2.1	2.2
24mm Infra 780mm x 870mm	0.3	0.5	0.6	0.9	1.0	1.1
24mm Infra 1180mm x 870mm	0.4	0.8	1.0	1.3	1.6	1.6
24mm Infra 1400mm x 870mm	0.5	0.9	1.2	1.6	1.9	2.0
24mm Infra 1600mm x 870mm	0.6	1.0	1.3	1.8	2.2	2.2
24mm Infra 1800mm x 870mm	0.6	1.2	1.5	2.1	2.4	2.5

Das Diagramm stellt die äquivalente Schallabsorption pro Objekt (Aobj) in den Mittenfrequenzen des dritten Oktavbandes dar.

- 24mm Infra 780mm x 770mm
- 24mm Infra 1180mm x 770mm
- 24mm Infra 1400mm x 770mm
- 24mm Infra 1600mm x 770mm
- 24mm Infra 1800mm x 770mm
- 24mm Infra 780mm x 870mm
- 24mm Infra 1180mm x 870mm
- 24mm Infra 1400mm x 870mm
- 24mm Infra 1600mm x 870mm
- 24mm Infra 1800mm x 870mm

Akustische Testergebnisse

	αw	SAA	NRC
24mm Wandtafel 1800x2400mm (Einfach)	0.55 (H)	0.57	0.55
24mm Wandtafel 1800x2400mm (Perforiertes Muster)	0.45 (H)	0.47	0.45
12mm Wandtafel 1200x2800mm (Einfach)	0.4 (H)	0.39	0.40
12mm Wandtafel 1200x2800mm (Perforiertes Muster)	0.35 (H)	0.32	0.35

Bei der Messung wurde rosa Rauschen als Anregungssignal in einem schallharten Raum verwendet.

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ARCHISONIC®
Colors

Name	Snow White	Milk	Cloud	Smoke	Ground	Charcoal	Slate	Raven
Color Code	**500**	**404**	**103**	**442**	**108**	**542**	**444**	**550**
NCS Code	S 0300-N	S 0502-Y	S 1002-B	S 3005-R80B	S 5005-Y20R	S 7502-B	S 4500-N	S 8500-N

Name	Nordic Pine	Grove	Moss	Spearmint	Ice Blue	Succulent	Deap Sea	Marine Blue
Color Code	**311**	**317**	**439**	**706**	**304**	**712**	**918**	**864**
NCS Code	S 5030-G10Y	S 7020-G30Y	S 2040-G40Y	S 1010-B90G	S 0510-B	S 3020-B30G	S 5020-R90B	S 4050-R70B

Name	Linen	Shell Pink	Jute	Warm Stone	Terracotta	Soft Coral	Honeycomb	Sunshine
Color Code	**107**	**102**	**920**	**105**	**239**	**516**	**139**	**846**
NCS Code	S 1505-Y30R	S 0510-R30B	S 3010-Y30R	S 3010-Y50R	S 4040-Y70R	S 2020-Y90R	S 2050-Y20R	S 1040-Y10R

Name	Garnet	Hot Pink	Poster Red	Electric Orange	Winter Sky	Pacific Ocean	Midnight	Grape
Color Code	**724**	**140**	**662**	**464**	**311**	**432**	**810**	**540**
NCS Code	S 5040-R10B	S 2060-R20B	S 1080-R	S 0580-Y70R	S 5030-G10Y	S 3040-B	S 7020-R70B	**S 5040-R40B**

These NCS codes are the closest visual match available and may not be exact to blended fibres.

ARCHISONIC®

Colors

Experience our ARCHISONIC® Felt material with a stunning selection of 32 colors across 8 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colors harmoniously to suit your preferences. Discover more in our Materials brochure and order your free sample box today.

Color fastness

Class 6

ISO 105-B02:A1

Order a free sample box



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ARCHISONIC® Felt
Material Specification

Product Name	Archisonic® Felt	
Content	100% PET (60% certified post-consumer content)	
Thickness[1]	12mm (0.47")	24mm (0.94")
Max. Size	1200x2800mm (47"x110")	1800x2400mm (70"x94")
Acoustic[2]	**ASTM:** NRC=0.6 **ISO**: αw=0.65	**ASTM**: NRC=0.9 **ISO**: αw=0.95
Density[1]	2400 g/m² (0.49 lbs/ sqft)	4000 g/m² (0.82 lbs/sqft)
Color Fastness	**Class 6** ISO 105-B02:A1	
Color	**32 colors** (see Archisonic® Felt Color page for more information)	
Maintenance	For daily cleaning we recommend alcohol solution (75%), e.g. Pantasept. In case of contamination by dust or fluff, use feather duster or a regular vacuum cleaner. For heavy dirt, treat the material with hydrogen peroxide.	
Lead time[3]	21 days	
Fire Rating	DIN EN 13501-1: **B-s1, d0** ASTM E84 **Class A**	
VOC Emission	28 Days French Regulation **A+** ASTM E84 **Pass** Breeam® (International, UK, NL, SE, NOR) **Examplary** CDPH (CDPH/EHLB/Standard Method V1.2) **Pass**	
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climmate-KIC, VOC emissions in LEED EQ credit (low-emitting products), SCS Recycled Content	
Durability	Contract	

1 - all values are nominal 2 - measured with 300mm air cavity 3 - depending on the location and type of product

Climate-KIC is supported by the EIT, a body of the European Union

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Desk Division
Additional Information

Online Resources

A variety of resources are available online for all of our products. Please visit the product's page for more information.

- CAD files
- Spec sheets and Installation Guide
- Color families
- Instruction videos
- Associated products specs.

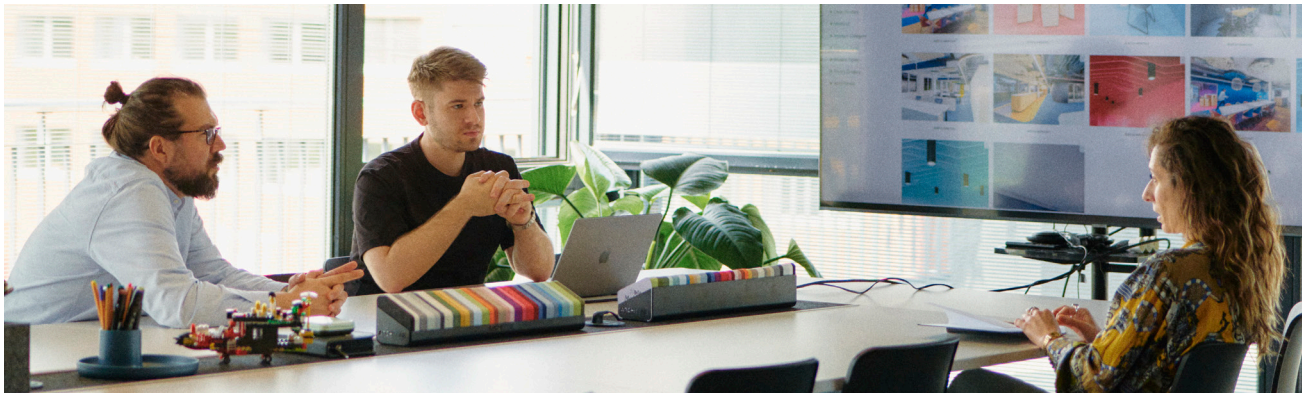
Ordering Process

Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days[1] from your first point of contact, allowing you to focus on what truly matters to you.

- Contact our consultant
- Quote[1] — 48 h
- Order Confirmation
- Production[1] — 2 - 3 weeks
- Dispach
- Transit — location based
- Delivery

Contact Us

Ready to make an impact? We are just an email or call away to discuss your project and answer any question.



1 - Quote and Production times may vary.

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#We MakeAn Impact