

EMPTMEYER

ACCESSORIES FOR INDUSTRIAL PAINTING



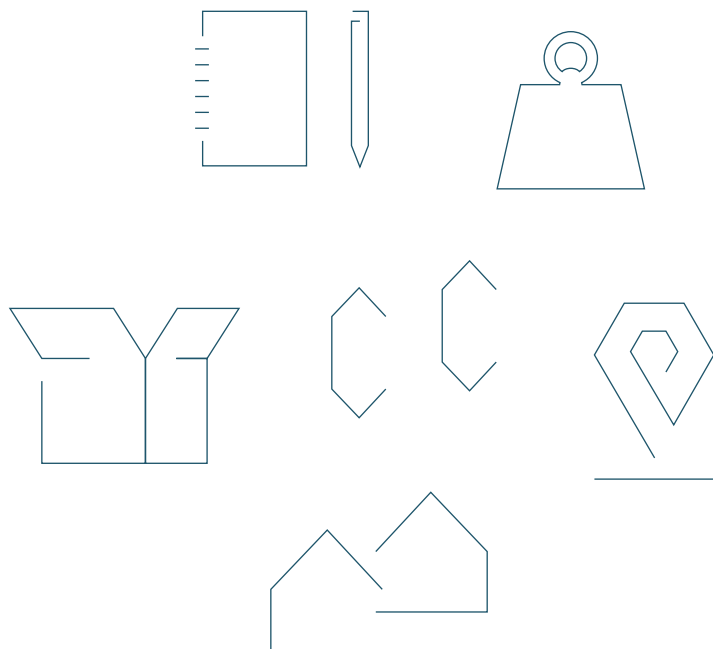
2026

PRODUCT CATALOGUE

www.emptmeyer.com

PRODUCT CATALOGUE

www.emptmeyer.com



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A SECOND GENERATION FAMILY BUSINESS



WELCOME TO EMPTMEYER

INNOVATIVE IDEAS – PROVEN SOLUTIONS:

Since the company was founded in 1987, the name EMPTMEYER has stood for clever products for hanging and masking in industrial painting. Our wire processing specialises in the manufacture of painting hooks, although more and more product areas have been added over the years. Our aim is to make your work easier as a user in surface technology. With our comprehensive range of accessories, we want to help you achieve optimum coating results – all from a single source.

Firmly rooted in the down-to-earth region of Osnabrueck, we produce wire bent parts on demand. In addition, we keep a wide range of different hooks, rack technology, covers and adhesive tapes permanently available for you.

This catalogue shows you the most popular standard items and at the same time gives you an insight into our many years of experience in the construction of frames and special masking. This ensures that you benefit from fast delivery whenever you need our products – while relying on our flexible ideas for your requirements at the same time. We keep all the products shown on stock – so they remain available in this catalogue at short notice.

Since painting usually takes place at the end of the production chain, time pressure is high in many coating companies. Our goal is to be the fastest supplier of accessories in surface technology. To this end, we are constantly expanding our warehouse capacities, investing in the automation of our business processes and offering numerous services to guarantee you immediate availability with a broad product portfolio.

Contact us at any time.

Best regards from Bad Essen in the Osnabrueck region.


Frank Brännig
CEO



FROM MONDAY TO FRIDAY
WE ARE THERE FOR YOU

Mon. – Thu. 08:00–17:00 | Fri. 08:00–16:00

via +49 (0)54 72 / 955 00-0



CONTACT

WE WOULD LIKE TO HEAR
FROM YOU

JÜRGEN EMPTMEYER GmbH
Senfdamm 28, 49152 Bad Essen, Germany

Phone +49 (0)54 72 / 955 00-0 | Fax +49 (0)54 72 / 955 00-10

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Orders to:
order@emptmeyer.com

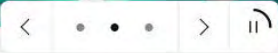
Everything else to:
info@emptmeyer.com

www.emptmeyer.com

JÜRGEN EMPTMEYER GMBH

Welcome!

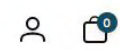
Solutions for surface technology



Welcome to Emptmeyer!

ALL OUR CATALOGUE ARTICLES
ARE ALSO AVAILABLE AT

WWW.EMPTMEYER.COM



YOUR ADVANTAGES IN OUR ONLINE SHOP

- Order quickly and easily at any time
- Check the availability of the goods directly
- Register and always receive the current prices
- View order history and conveniently reorder

ON SITE FOR YOU

Of course, we are also there for you personally on site.



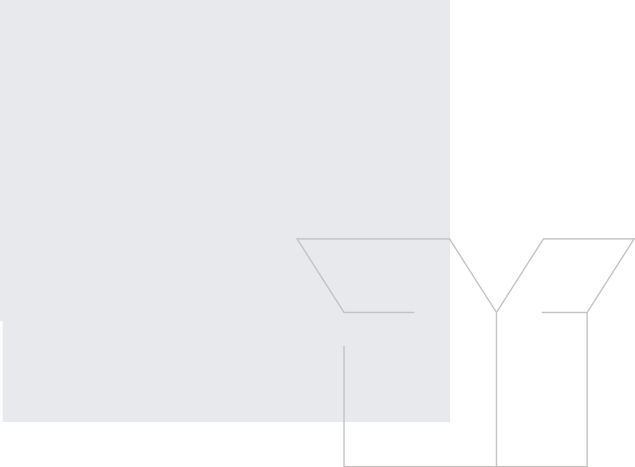
Simply scan the QR code and go directly to your contact person.



ALL CATALOGUE ITEMS DIRECTLY IN STOCK

Our efficient warehouse management has over
3.000 m² of storage space
3.500 pallet spaces
Logimat for small parts storage

We stock a wide range of materials for individual wire bent parts.



STOCK & SHIPPING

SAME DAY SHIPPING FOR ALL
CATALOGUE ITEMS

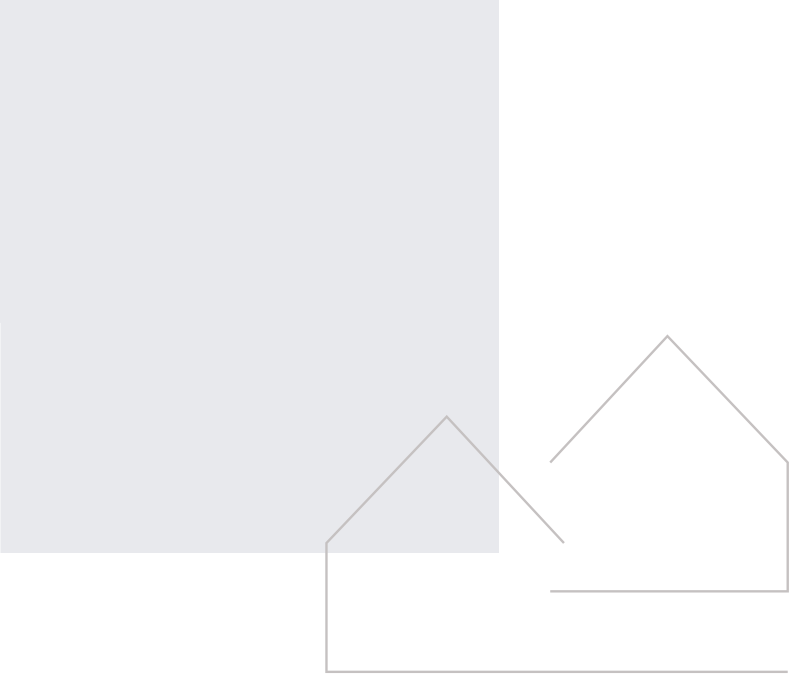
If order is received by 1:00 p.m.

As a rule, delivery takes place on the following working day.
For guaranteed next-day delivery, express delivery is available.





OUR ROOTS ARE IN BEAUTIFUL
LOWER SAXONY.



OUR HISTORY





Frank Brännig
Managing Director



Katharina Brännig
Owner & Business Development



Jürgen Emptmeyer
Company founder

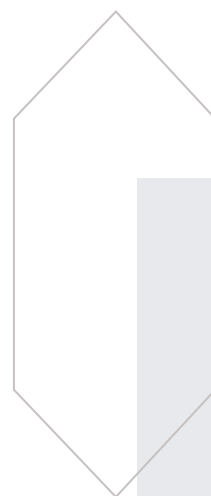
FROM THE BEGINNINGS UNTIL TODAY

Our company history began in down-to-earth circumstances in a coal cellar in Bad Essen in 1969. As with many medium-sized companies today – nothing unusual at that time.

During the apprenticeship of the company's founder Juergen Emptmeyer, his then apprenticeship company – an agricultural machinery factory – got the first powder coating plant in northern Germany. No thought had been given in advance to hooks for hanging up the pieces.

Juergen Emptmeyer, 17 years old at the time, was asked by the manager of the new plant if he could make these aids at home. Together with a technically experienced friend, a solution was found. A hand-held device, drawn as a sketch on a beer mat, for the economic production of small S-hooks was the idea. The hand bending machine was then quickly built and capable of producing 120 hooks per minute.

An amazing achievement. Very few of today's modern wire bending machines can achieve this production speed.



The two friends had only 5 regular customers in the first few years – for whom they produced paint hooks with the hand-bending machine in the cellar until 1987 – besides their training, studies and first years of work.

Jürgen Emptmeyer then ventured out on his own in the same year. From then on, he dealt exclusively with the production and distribution of painting hooks for the painting industry.

Step by step, the product range was professionalised and expanded from simple hooks to precise holders for robot painting.

In 1993, the new office and production building was built at the current location in the Bad Essen/Wittlage industrial estate. Over the years, the office and production areas, which now measure 6,400 square metres, were built in several construction phases and are now home to around 80 people. Production was continuously expanded and automated.

In addition to hanging solutions, masking solutions have also been on offer since the mid-nineties. They are designed in-house and individually manufactured in Asia.

Over in-house design department can also create custom made hanging and masking solutions in CAD programmes even before a product is created. The company's own Prototyping Department makes the hanging solution as prototypes and the results are presented to the customer in the technical centre or on site at our customers.

In order to provide our customers with the best possible service, EMPTMEYER relies on a nationwide sales team that provides you with personal on-site support.

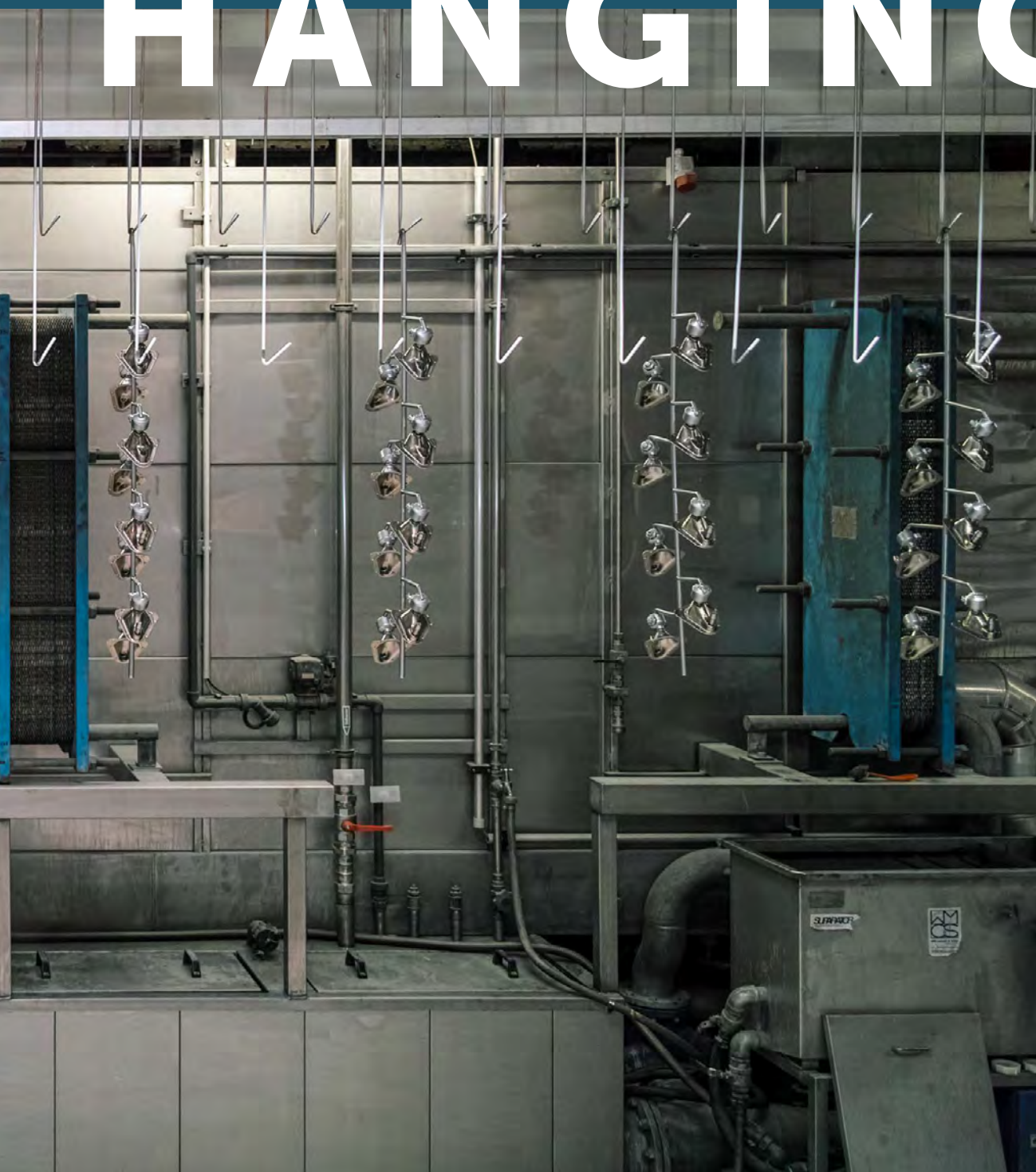
The next generation has been working at EMPTMEYER since 2014. Having initially looked after the Swiss market in the sales force, daughter Katharina has continued to run the company as owner since 2020. Together with her husband Frank Bruennig, who has taken over the management, the market leadership in Germany will be further expanded.

**WE ARE FIRMLY ROOTED.
OUR GROWTH IS SUSTAINABLE.**

HOOKS & SYSTEMS

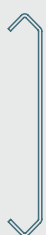


HANGING



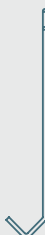
HOOKS & HAGING SYSTEMS

HOOKS



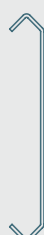
C-FORM | SQUARE

FLAT | LEGS 20/20
ARTICLE NO. 121.1
Page # 020



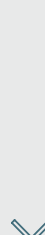
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90° | LEGS 20/20
ARTICLE NO. 121.1
Page # 023



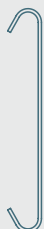
C-FORM | SQUARE

FLAT | LEGS 11/11
ARTICLE NO. 121.0
Page # 025



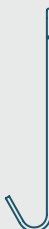
C-FORM | SQUARE

90° | LEGS 11/11
ARTICLE NO. 121.0
Page # 026



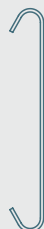
C-FORM | ROUND

FLAT | RADIUS 11
ARTICLE NO. 170.0
Page # 027



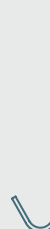
C-FORM | ROUND

90° | RADIUS 11
ARTICLE NO. 170.0
Page # 029



C-FORM | ROUND

FLAT | RADIUS 8
ARTICLE NO. 170.1
Page # 030



C-FORM | ROUND

90° | RADIUS 8
ARTICLE NO. 170.1
Page # 031



S-FORM | ROUND

FLAT | RADIUS 11
ARTICLE NO. 191.0
Page # 032



S-FORM | ROUND

FLAT | RADIUS 8
ARTICLE NO. 191.1
Page # 033

HANGING ACCESSORIES



EYEBOLTS

ARTICLE NO. OE

Page # 034



SCREW CAPS

ARTICLE NO. GE

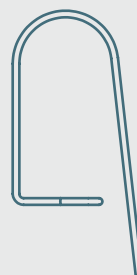
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SPRINGS

ARTICLE NO. FE

Page # 036



LOCK HOOKS

ARTICLE NO. VH

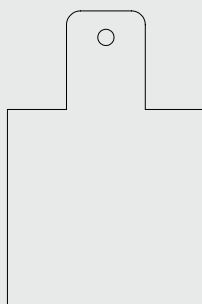
Page # 037



ROTATING DEVICES

ARTICLE NO. DV

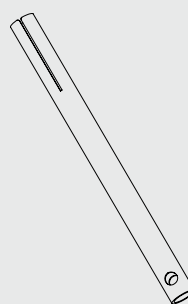
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ADHESIVE HOOKS

ARTICLE NO. ACX

Page # 040



PULL-OFF AID FOR ADHESIVE HOOKS

ARTICLE NO. ACX.AZH

Page # 041

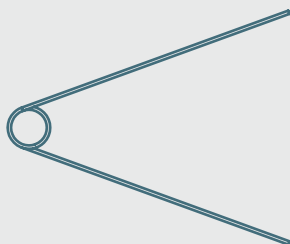


RIM HOOK

ARTICLE NO. FH

Page # 042

CLIP HOOKS



SPRING TUBE HOOKS

ARTICLE NO. 253

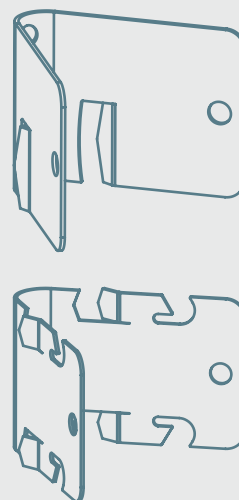
Page # 043



PIPE AND PROFILE HOOKS

ARTICLE NO. 251 / 252

Page # 044



CLIPS

ARTICLE NO. PK / PKM

Page # 045

121.1 | HOOK

C-FORM | SQUARE

FLAT

MATERIAL
Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



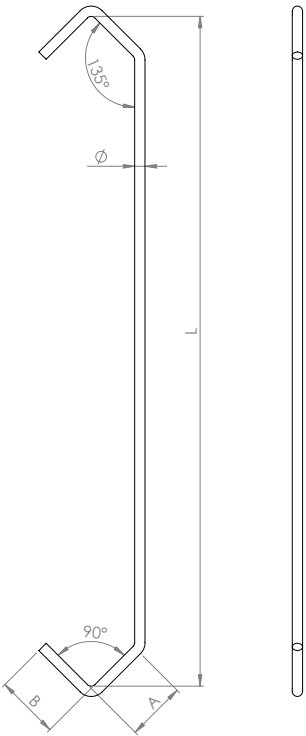
1
BOX



REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	LEGS A/B IN MM
121.100110005000K	10.000	50 x 1,10	20/20
121.100150005000K	10.000	50 x 1,50	20/20
121.100200005000K	2.000	50 x 2,00	20/20
121.100300005000K	2.000	50 x 3,00	20/20
121.100150006000K	5.000	60 x 1,50	20/20
121.100200006000K	2.000	60 x 2,00	20/20
121.100300006000K	2.000	60 x 3,00	20/20
121.100150007500K	2.000	75 x 1,50	20/20
121.100200007500K	4.000	75 x 2,00	20/20
121.100300007500K	1.000	75 x 3,00	20/20
121.100400007500K	1.000	75 x 4,00	20/20
121.100600007500K	500	75 x 6,00	22/22
121.100110010000K	4.000	100 x 1,10	20/20
121.100150010000K	2.000	100 x 1,50	20/20
121.100200010000K	2.000	100 x 2,00	20/20
121.100250010000K	2.000	100 x 2,50	20/20
121.100300010000K	1.500	100 x 3,00	20/20
121.100400010000K	800	100 x 4,00	20/20
121.100500010000K	500	100 x 5,00	22/22
121.100600010000K	500	100 x 6,00	22/22
121.100800010000K	300	100 x 8,00	24/24
121.101000010000K	200	100 x 10,00	30/30
121.100200012000K	1.000	120 x 2,00	20/20

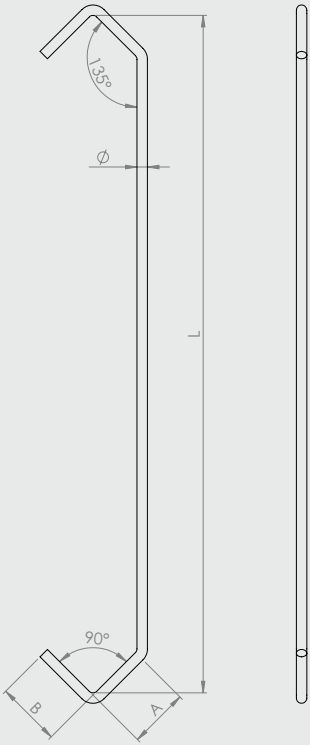
ARTICLE NO.	PCS. / BOX	L X Ø IN MM	LEGS A/B IN MM
121.100300012000K	1.000	120 x 3,00	20/20
121.100150015000K	2.000	150 x 1,50	20/20
121.100200015000K	1.000	150 x 2,00	20/20
121.100300015000K	500	150 x 3,00	20/20
121.100400015000K	500	150 x 4,00	20/20
121.100500015000K	350	150 x 5,00	22/22
121.100600015000K	300	150 x 6,00	22/22
121.100800015000K	200	150 x 8,00	24/24
121.101000015000K	100	150 x 10,00	30/30
121.100150020000K	2.000	200 x 1,50	20/20
121.100200020000K	600	200 x 2,00	20/20
121.100300020000K	800	200 x 3,00	20/20
121.100400020000K	500	200 x 4,00	20/20
121.100500020000K	300	200 x 5,00	22/22
121.100600020000K	200	200 x 6,00	22/22
121.100800020000K	200	200 x 8,00	24/24
121.101000020000K	100	200 x 10,00	30/30
121.100150025000K	2.000	250 x 1,50	20/20
121.100200025000K	800	250 x 2,00	20/20
121.100300025000K	800	250 x 3,00	20/20
121.100400025000K	500	250 x 4,00	20/20
121.100500025000K	300	250 x 5,00	22/22
121.100600025000K	250	250 x 6,00	22/22
121.101000025000K	100	250 x 10,00	30 /30
121.100200030000K	800	300 x 2,00	20/20
121.100300030000K	600	300 x 3,00	20/20
121.100400030000K	250	300 x 4,00	20/20
121.100500030000K	250	300 x 5,00	22/22
121.100600030000K	200	300 x 6,00	22/22
121.100800030000K	100	300 x 8,00	24/24
121.100200035000K	1.000	350 x 2,00	20/20
121.100300035000K	800	350 x 3,00	20/20
121.100400035000K	500	350 x 4,00	20/20
121.100600035000K	250	350 x 6,00	22/22
121.100200040000K	1.000	400 x 2,00	20/20
121.100300040000K	500	400 x 3,00	20/20
121.100400040000K	400	400 x 4,00	20/20
121.100500040000K	250	400 x 5,00	22/22
121.100600040000K	200	400 x 6,00	22/22
121.100800040000K	100	400 x 8,00	24/24
121.100200045000K	1.000	450 x 2,00	20/20

121.1 | HOOK

C-FORM | SQUARE

FLAT

ARTICLE NO.	PCS. / BOX	L X Ø IN MM	LEGS A/B IN MM
121.100300045000K	800	450 x 3,00	20/20
121.100400045000K	500	450 x 4,00	20/20
121.100150050000K	2.000	500 x 1,50	20/20
121.100200050000K	1.000	500 x 2,00	20/20
121.100300050000K	700	500 x 3,00	20/20
121.100400050000K	450	500 x 4,00	20/20
121.100500050000K	250	500 x 5,00	22/22
121.100600050000K	200	500 x 6,00	22/22
121.100800050000K	100	500 x 8,00	24/24
121.100200060000K	1.000	600 x 2,00	20/20
121.100300060000K	600	600 x 3,00	20/20
121.100400060000K	500	600 x 4,00	20/20
121.100600060000K	200	600 x 6,00	22/22
121.100800060000K	100	600 x 8,00	24/24
121.100150070000K	2.000	700 x 1,50	20/20
121.100200070000K	1.000	700 x 2,00	20/20
121.100250070000K	1.000	700 x 2,50	20/20
121.100300070000K	800	700 x 3,00	20/20
121.100400070000K	500	700 x 4,00	20/20
121.100600070000K	150	700 x 6,00	22/22
121.100800070000K	100	700 x 8,00	24/24
121.100200080000K	1.000	800 x 2,00	20/20
121.100300080000K	600	800 x 3,00	20/20
121.100400080000K	500	800 x 4,00	20/20
121.100300090000K	1.000	900 x 3,00	20/20
121.100400090000K	500	900 x 4,00	20/20
121.100300100000K	300	1.000 x 3,00	20/20



121.1 | HOOK

C-FORM | SQUARE

90° TURNED

MATERIAL

Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



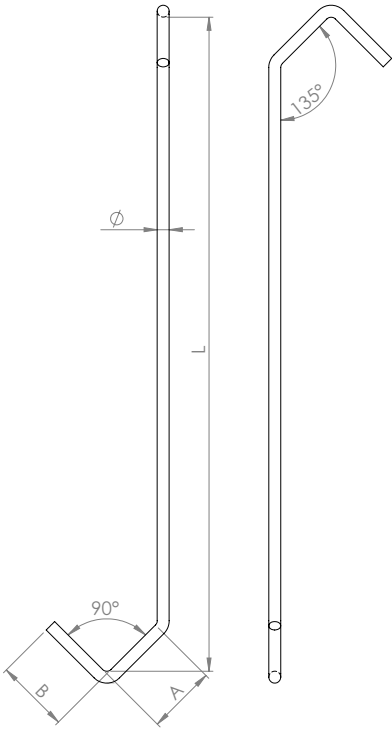
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



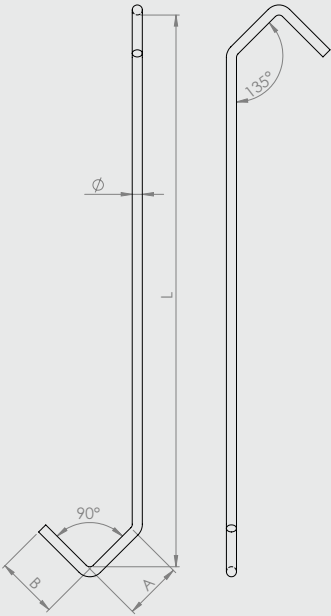
ARTICLE NO.	PCS. / BOX	L X Ø IN MM	LEGS A/B IN MM
121.100200005090K	3.000	50 x 2,00	20/20
121.100150006090K	1.000	60 x 1,50	20/20
121.100200006090K	3.000	60 x 2,00	20/20
121.100300006090K	2.000	60 x 3,00	20/20
121.100150007590K	2.000	75 x 1,50	20/20
121.100200007590K	1.500	75 x 2,00	20/20
121.100300007590K	600	75 x 3,00	20/20
121.100150010090K	2.000	100 x 1,50	20/20
121.100200010090K	2.000	100 x 2,00	20/20
121.100300010090K	600	100 x 3,00	20/20
121.100400010090K	800	100 x 4,00	20/20
121.100600010090K	500	100 x 6,00	22/22
121.100150015090K	2.000	150 x 1,50	20/20
121.100200015090K	1.200	150 x 2,00	20/20
121.100300015090K	600	150 x 3,00	20/20
121.100400015090K	500	150 x 4,00	20/20
121.100150020090K	2.000	200 x 1,50	20/20
121.100200020090K	500	200 x 2,00	20/20
121.100300020090K	600	200 x 3,00	20/20
121.100400020090K	500	200 x 4,00	20/20
121.100600020090K	200	200 x 6,00	22/22
121.100200025090K	500	250 x 2,00	20/20
121.100300025090K	700	250 x 3,00	20/20

121.1 | HOOK

C-FORM | SQUARE

90° TURNED

ARTICLE NO.	PCS. / BOX	L X Ø IN MM	LEGS A/B IN MM
121.100400025090K	250	250 x 4,00	20/20
121.100300030090K	600	300 x 3,00	20/20
121.100200030090K	500	300 x 2,00	20/20
121.100400030090K	400	300 x 4,00	20/20
121.100600030090K	250	300 x 6,00	22/22
121.100200035090K	500	350 x 2,00	20/20
121.100300035090K	800	350 x 3,00	20/20
121.100400035090K	400	350 x 4,00	20/20
121.100200040090K	1.000	400 x 2,00	20/20
121.100300040090K	600	400 x 3,00	20/20
121.100400040090K	400	400 x 4,00	20/20
121.100800040090K	100	400 x 8,00	24/24
121.100300045090K	800	450 x 3,00	20/20
121.100300050090K	600	500 x 3,00	20/20
121.100400050090K	400	500 x 4,00	20/20
121.100200060090K	1.500	600 x 2,00	20/20
121.100300060090K	400	600 x 3,00	20/20
121.100400060090K	400	600 x 4,00	20/20
121.100200070090K	1.500	700 x 2,00	20/20
121.100300070090K	800	700 x 3,00	20/20
121.100400070090K	400	700 x 4,00	20/20
121.100800020090K	125	800 x 2,00	20/20
121.100300080090K	800	800 x 3,00	20/20



EMPTMEYER HOOKS

121.0 | HOOK

C-FORM | SQUARE

FLAT

MATERIAL

Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



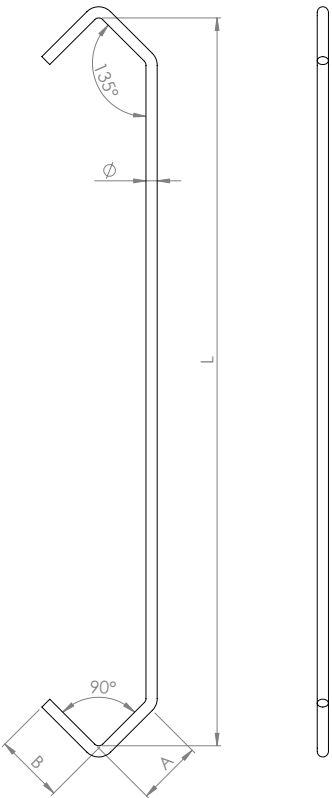
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	LEGS A/B IN MM
121.000150003000K	10.000	30 x 1,50	11/11
121.000150005000K	5.000	50 x 1,50	11/11
121.000200005000K	2.500	50 x 2,00	11/11
121.000150006000K	5.000	60 x 1,50	11/11
121.000200006000K	4.000	60 x 2,00	11/11
121.000150007500K	4.000	75 x 1,50	11/11
121.000200007500K	4.000	75 x 2,00	11/11
121.000150009000K	3.000	90 x 1,50	11/11
121.000150010000K	5.000	100 x 1,50	11/11
121.000200010000K	2.000	100 x 2,00	11/11
121.000300010000K	1.500	100 x 3,00	11/11
121.000400010000K	800	100 x 4,00	11/11
121.000200012000K	2.500	120 x 2,00	11/11
121.000150015000K	2.500	150 x 1,50	11/11
121.000200015000K	1.500	150 x 2,00	11/11
121.000300015000K	800	150 x 3,00	11/11
121.000400015000K	800	150 x 4,00	11/11
121.000200020000K	2.000	200 x 2,00	11/11
121.000300020000K	800	200 x 3,00	11/11
121.000200030000K	800	300 x 2,00	11/11
121.000300030000K	600	300 x 3,00	11/11

121.0 | HOOK

C-FORM | SQUARE

90° TURNED

MATERIAL

Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



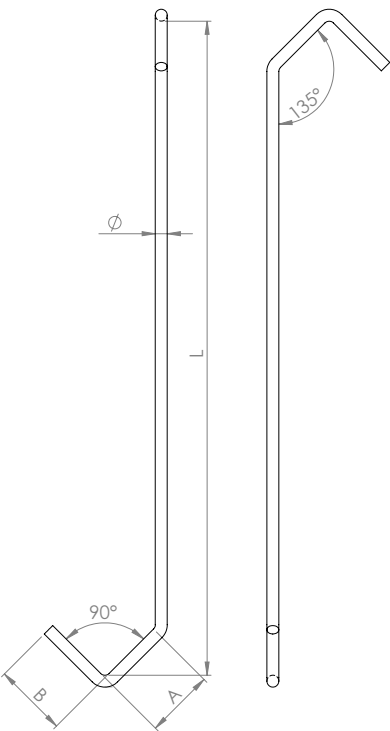
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	LEGS A/B IN MM
121.000150005090K	2.500	50 x 1,50	11/11
121.000200005090K	2.500	50 x 2,00	11/11
121.000150006090K	2.500	60 x 1,50	11/11
121.000150007590K	4.000	75 x 1,50	11/11
121.000200007590K	3.000	75 x 2,00	11/11
121.000150010090K	2.000	100 x 1,50	11/11
121.000200010090K	1.000	100 x 2,00	11/11
121.000300010090K	1.000	100 x 3,00	11/11
121.000400010090K	500	100 x 4,00	11/11
121.000150015090K	2.000	150 x 1,50	11/11
121.000200015090K	1.600	150 x 2,00	11/11
121.000300015090K	500	150 x 3,00	11/11
121.000400015090K	500	150 x 4,00	11/11
121.000200020090K	1.000	200 x 2,00	11/11
121.000300020090K	800	200 x 3,00	11/11
121.000200030090K	500	300 x 2,00	11/11
121.000300030090K	600	300 x 3,00	11/11

170.0 | HOOK

C-FORM | ROUND

FLAT

MATERIAL
Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



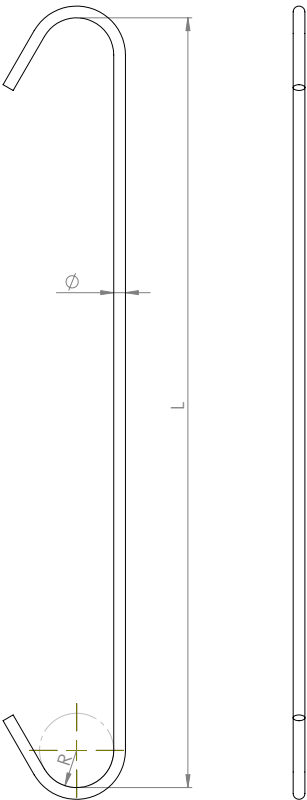
1
BOX



REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



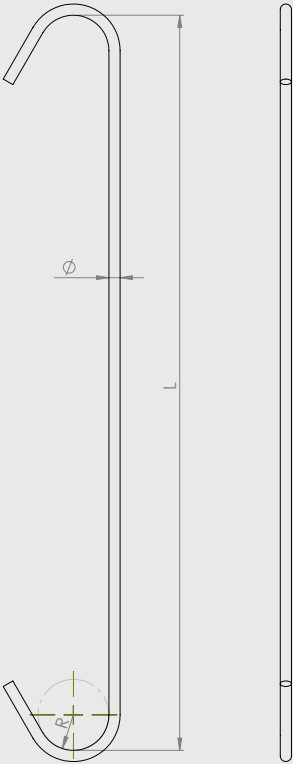
ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
170.000150005000K	5.000	50 x 1,50	11
170.000150006000K	5.000	10 x 1,50	11
170.000200005000K	4.000	50 x 2,00	11
170.000150006000K	5.000	60 x 1,50	11
170.000200006000K	4.000	60 x 2,00	11
170.000300006000K	2.000	60 x 3,00	11
170.000400006000K	1.200	60 x 4,00	11
170.000150007500K	4.000	75 x 1,50	11
170.000200007500K	3.000	75 x 2,00	11
170.000300007500K	2.000	75 x 3,00	11
170.000400007500K	1.200	75 x 4,00	11
170.000150010000K	2.500	100 x 1,50	11
170.000200010000K	1.000	100 x 2,00	11
170.000250010000K	1.500	100 x 2,50	11
170.000300010000K	1000	100 x 3,00	11
170.000400010000K	800	100 x 4,00	11
170.000500010000K	500	100 x 5,00	11
170.000600010000K	500	100 x 6,00	11
170.000800010000K	200	100 x 8,00	11
170.000150015000K	800	150 x 1,50	11
170.000200015000K	1.000	150 x 2,00	11
170.000300015000K	800	150 x 3,00	11

170.0 | HOOK

C-FORM | ROUND

FLAT

ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
170.000400015000K	600	150 x 4,00	11
170.000500015000K	350	150 x 5,00	11
170.000600015000K	300	150 x 6,00	11
170.000150020000K	750	150 x 2,00	11
170.000200020000K	700	200 x 2,00	11
170.000300020000K	800	200 x 3,00	11
170.000400020000K	500	200 x 4,00	11
170.000500020000K	350	200 x 5,00	11
170.000600020000K	250	200 x 6,00	11
170.000800020000K	200	200 x 8,00	11
170.001000020000K	100	200 x 10,00	11
170.000200025000K	1.000	250 x 2,00	11
170.000300025000K	600	250 x 3,00	11
170.000400025000K	200	250 x 4,00	11
170.000600025000K	200	250 x 6,00	11
170.000300030000K	600	300 x 3,00	11
170.000400030000K	350	300 x 4,00	11
170.000500030000K	250	300 x 5,00	11
170.000800030000K	100	300 x 8,00	11
170.000300035000K	400	350 x 3,00	11
170.000400035000K	250	350 x 4,00	11
170.000500035000K	250	350 x 5,00	11
170.000300040000K	600	400 x 3,00	11
170.000400040000K	350	400 x 4,00	11
170.000300050000K	500	500 x 3,00	11
170.000500050000K	250	500 x 5,00	11
170.000300060000K	600	600 x 3,00	11
170.000300070000K	500	700 x 3,00	11
170.000400070000K	400	700 x 4,00	11
170.000300080000K	500	800 x 3,00	11
170.000400080000K	400	800 x 4,00	11
170.000600080000K	200	800 x 6,00	11
170.000400090000K	450	900 x 4,00	11



EMPTMEYER HOOKS

170.0 | HOOK

C-FORM | ROUND

90° TURNED

MATERIAL

Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



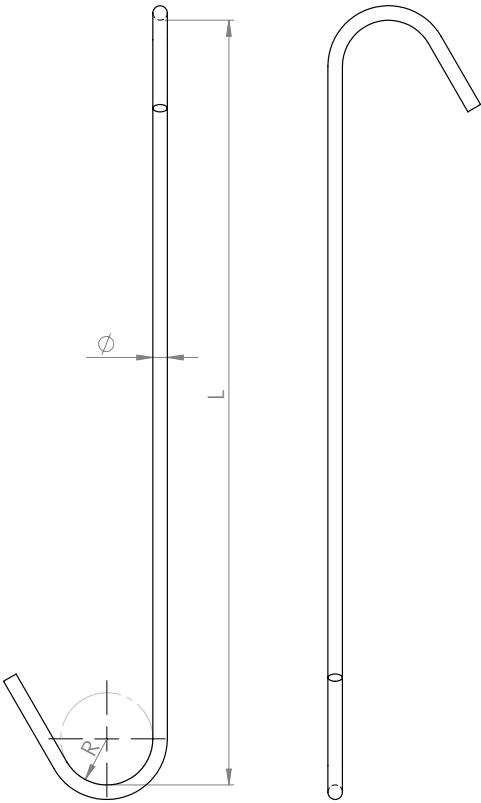
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
170.000150006090K	2.500	60 x 1,50	11
170.000200007590K	1.500	75 x 2,00	11
170.000300007590K	1.000	75 x 3,00	11
170.000150010090K	2.000	100 x 1,50	11
170.000200010090K	500	100 x 2,00	11
170.000300010090K	1.000	100 x 3,00	11
170.000400010090K	700	100 x 4,00	11
170.000600010090K	500	100 x 6,00	11
170.000200015090K	800	150 x 2,00	11
170.000300015090K	500	150 x 3,00	11
170.000400015090K	400	150 x 4,00	11
170.000200020090K	400	200 x 2,00	11
170.000300020090K	500	200 x 3,00	11
170.000400020090K	500	200 x 4,00	11
170.000300025090K	400	250 x 3,00	11
170.000300030090K	400	300 x 3,00	11
170.000500040090K	200	400 x 5,00	11
170.000300045090K	500	450 x 3,00	11

170.1 | HOOK

C-FORM | ROUND

FLAT

MATERIAL
Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



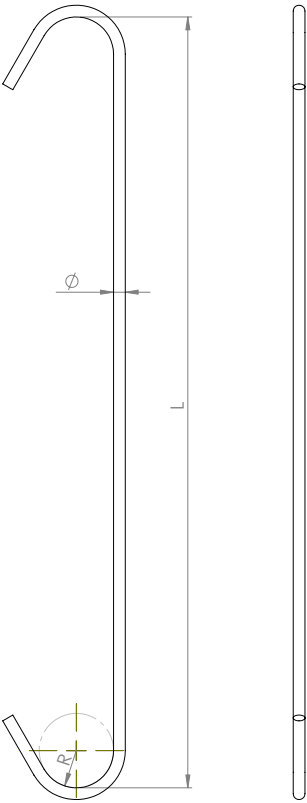
1
BOX



REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



EMPTMEYER HOOKS

ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
170.100150006000K	5.000	60 x 1,50	8
170.100200006000K	4.000	60 x 2,00	8
170.100150007500K	4.000	75 x 1,50	8
170.100200007500K	2.000	75 x 2,00	8
170.100150010000K	1.500	100 x 1,50	8
170.100200010000K	2.500	100 x 2,00	8
170.100300010000K	1.500	100 x 3,00	8
170.100150015000K	1.000	150 x 1,50	8
170.100200015000K	1.200	150 x 2,00	8
170.100300015000K	900	150 x 3,00	8
170.100200020000K	1.000	200 x 2,00	8
170.100300020000K	400	200 x 3,00	8
170.100150025000K	1.000	250 x 1,50	8
170.100400060000K	400	600 x 4,00	8

170.1 | HOOK

C-FORM | ROUND

90° TURNED

MATERIAL

Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



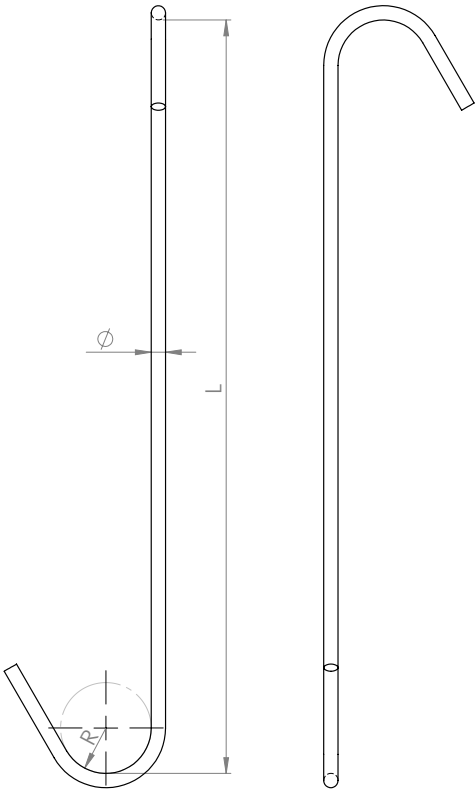
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
170.100200006090K	2.500	60 x 2,00	8
170.100200007590K	1.500	75 x 2,00	8
170.100200010090K	2.000	100 x 2,00	8
170.100300010090K	1.000	100 x 3,00	8
170.100400010090K	700	100 x 4,00	8
170.100150015090K	1.000	150 x 1,50	8
170.100200015090K	800	150 x 2,00	8
170.100300015090K	500	150 x 3,00	8
170.100200020090K	1.000	200 x 2,00	8

191.0 | HOOK

S-FORM | ROUND

FLAT

MATERIAL
Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



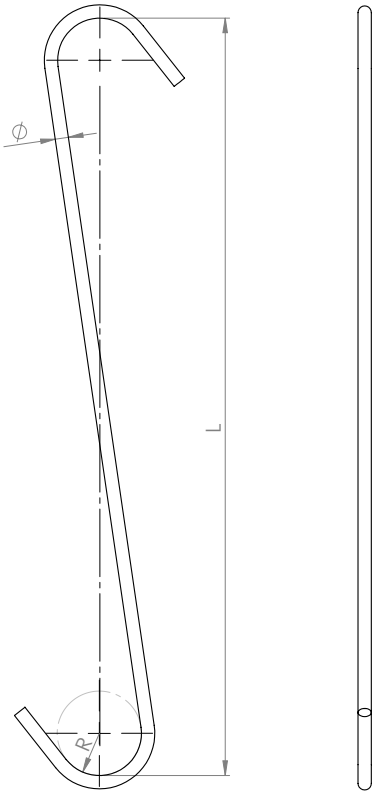
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



EMPTMEYER HOOKS

ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
191.000150006000K	2.500	60 x 1,50	11
191.000200007500K	2.000	75 x 2,00	11
191.000300007500K	1.000	75 x 3,00	11
191.000400007500K	1.000	75 x 4,00	11
191.000150010000K	3.000	100 x 1,50	11
191.000200010000K	1.500	100 x 2,00	11
191.000250010000K	1.000	100 x 2,50	11
191.000300010000K	1.500	100 x 3,00	11
191.000400010000K	500	100 x 4,00	11
191.000600010000K	250	100 x 6,00	11
191.000200015000K	1.500	150 x 2,00	11
191.000300015000K	500	150 x 3,00	11
191.000400015000K	500	150 x 4,00	11
191.000600015000K	300	150 x 6,00	11
191.000800015000K	200	150 x 8,00	11
191.000200020000K	750	200 x 2,00	11
191.000300020000K	400	200 x 3,00	11
191.000400020000K	400	200 x 4,00	11
191.000500020000K	250	200 x 5,00	11
191.000800020000K	100	200 x 8,00	11
191.000400030000K	300	300 x 4,00	11

191.1 | HOOK

S-FORM | ROUND

FLAT

MATERIAL

Steel S235 JR

On request, we can supply these hooks in different materials (including spring steel and stainless steel), in individual lengths and in different wire diameters (up to 30 mm).



STOCK GOODS



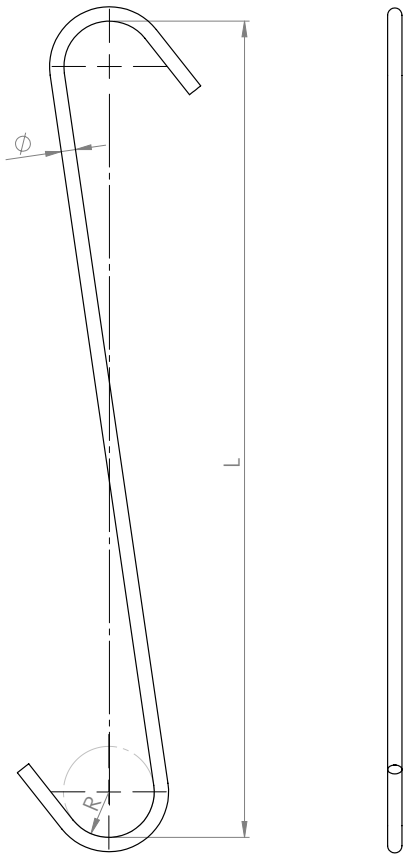
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
191.100200007500K	3.000	75 x 2,00	8
191.100150010000K	1.500	100 x 1,50	8
191.100200010000K	3.000	100 x 2,00	8
191.100300010000K	1.500	100 x 3,00	8
191.100200015000K	1.000	150 x 2,00	8
191.100300015000K	500	150 x 3,00	8
191.100400015000K	500	150 x 4,00	8
191.100600015000K	300	150 x 6,00	8
191.100300020000K	500	200 x 3,00	8
191.100400020000K	400	200 x 4,00	8
191.100300030000K	400	300 x 3,00	8
191.100500030000K	250	300 x 5,00	8
191.100600030000K	250	300 x 6,00	8
191.100200020000K	500	200 x 2,00	8
191.100400025000K	400	250 x 4,00	8

OE | EYEBOLTS

Eyebolt is designed for holding components with a metric internal thread. Hanging is possible in combination with a painting hook.

APPLICATION AREAS

Powder coating, KTL and wet painting

MATERIAL

Steel S235 JR, galvanised



STOCK GOODS



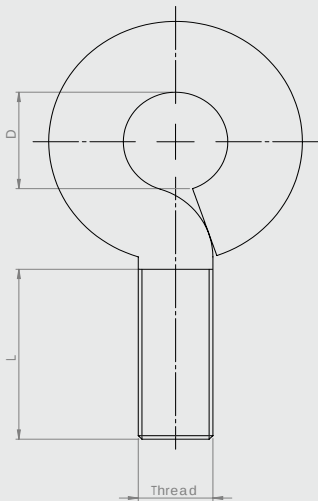
1
BOX



REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	PCS. / BOX	L IN MM	D IN MM	THREAD
OE.03.10	500	10	5	M3
OE.03.20	100	20	5	M3
OE.04.10	400	10	6	M4
OE.04.20	100	20	6	M4
OE.05.10	100	10	8	M5
OE.05.20	100	20	8	M5
OE.05.40	100	40	8	M5
OE.06.10	100	10	10	M6
OE.06.20	100	20	10	M6
OE.06.40	100	40	10	M6
OE.08.20	100	20	12	M8
OE.08.40	50	40	12	M8
OE.10.20	50	20	14	M10
OE.10.40	50	40	14	M10
OE.12.20	25	20	16	M12
OE.12.40	50	40	16	M12

GE | SCREW CAPS

Screw caps are designed for holding components with metric external thread. Hanging is possible in combination with painting hooks.

APPLICATION AREAS

Powder coating, KTL and wet painting

MATERIAL

Steel S235 JR, galvanised



STOCK GOODS



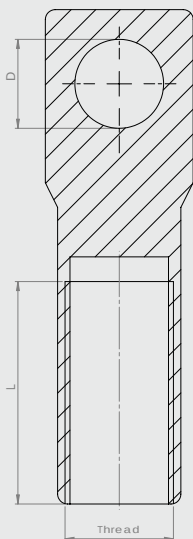
1
BOX



REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	PCS. / BOX	L IN MM	D IN MM	THREAD
GE.03	500	5,00	3,00	M3
GE.04	400	8,00	3,00	M4
GE.05	200	13,00	4,00	M5
GE.06	100	15,00	5,00	M6
GE.08	50	15,00	6,00	M8
GE.10	25	20,00	8,00	M10
GE.12	25	25,00	10,00	M12
GE.14	25	25,00	12,00	M14
GE.16	25	25,00	14,00	M16
GE.18	25	25,00	16,00	M18
GE.20	25	25,00	18,00	M20

FE | SPRINGS

Springs for hanging, fixing and clamping components to prevent floating during dip painting.

APPLICATION AREAS

Dipping process and KTL

MATERIAL

Spring steel



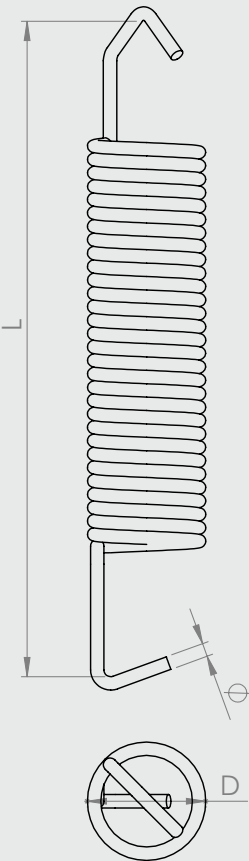
STOCK GOODS



1
BOX



REQUEST
SAMPLE



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	D IN MM
FE.135X1.0.D16	100	135 x 1,00	16
FE.135X1.5.D24	100	135 x 1,50	24
FE.250X1.0.D16	100	250 x 1,00	16
FE.250X1.5.D24	100	250 x 1,50	24

VH | LOCK HOOKS

APPLICATION AREAS

- 1. Suitable for galvanising and other dipping processes. The loop prevents the material to be painted from floating up.
- 2. For attaching labels, e.g. to pallet cages.

MATERIAL

Spring steel



STOCK GOODS



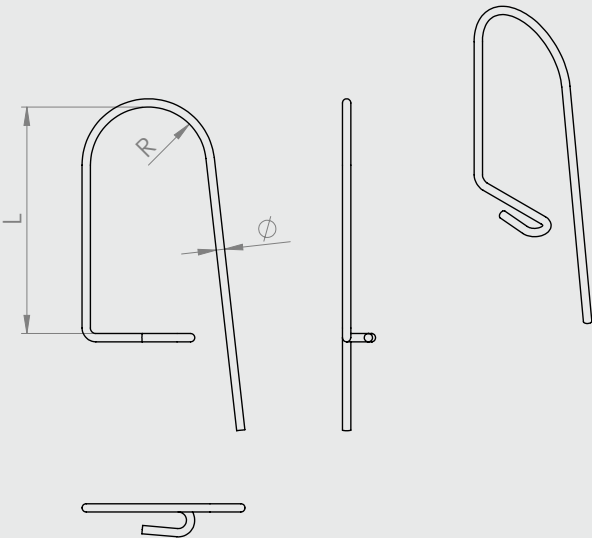
1
BOX



REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	PCS. / BOX	L X Ø IN MM	RADIUS (R) IN MM
VH.15	1.000	40 x 1,50	10
VH.20	1.000	57 x 2,00	12
VH.30	1.000	80 x 3,00	12

DV | ROTATING DEVICES

Rotating device for 360° turning of workpieces in painting or coating. The rotating device is suitable for permanent and temporary use.

Customised dimensions and solutions as well as other materials are available on request. Read more in the section EMPTMEYER plus+.

APPLICATION AREAS

Powder coating and wet painting



STOCK GOODS



1
STK.



REQUEST
SAMPLE



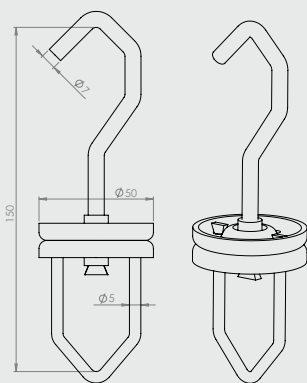
SPECIAL SIZES
ON REQUEST

DV.04 new to
the range



ARTICLE NO.	LOAD CAPACITY IN KG*	MATERIAL
DV.01	50	STEEL S235 JR, GALVANISED
DV.02	125	STAINLESS STEEL 1.4301
DV.03	75	STEEL S235 JR
DV.04	125	STAHL S235 JR, GALVANISED

* SF2 = safety factor / For definition, see page 47

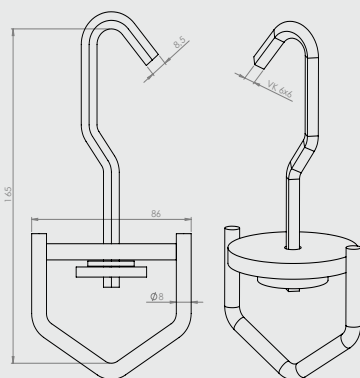
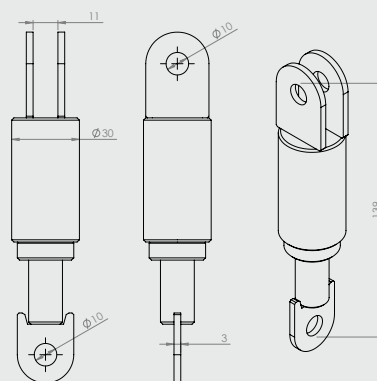


ROTATING DEVICE DV.01

- ball bearing guided, freely rotating
- open version
- easy handling
- made of galvanised steel

ROTATING DEVICE DV.02

- locking every 90°
- closed version
- for permanent assembly
- made from stainless steel

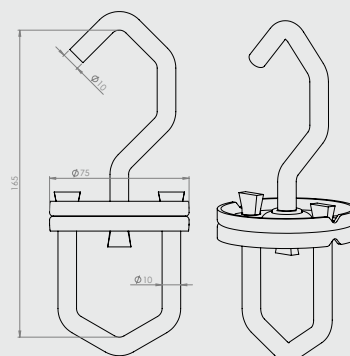


ROTATING DEVICE DV.03

- freely rotating
- improved rotation due to brass disc
- open version
- easy handling
- made from steel

ROTATING DEVICE DV.04

- ball bearing guided, freely rotating
- open version
- easy handling
- made of galvanised steel



ACX | TESA ADHESIVE HOOKS

Additional size available

The ACX adhesive hook was developed to coat components that do not offer any hanging option. For this purpose, we have developed an innovative adhesive tape in our long-standing cooperation with tesa®, which promises special strength due to its 0.5 mm backing.

The load capacity of the adhesive hook depends on the specific installation and size of the component.

APPLICATION AREAS

Powder coating and wet painting



STOCK GOODS



1 BOX



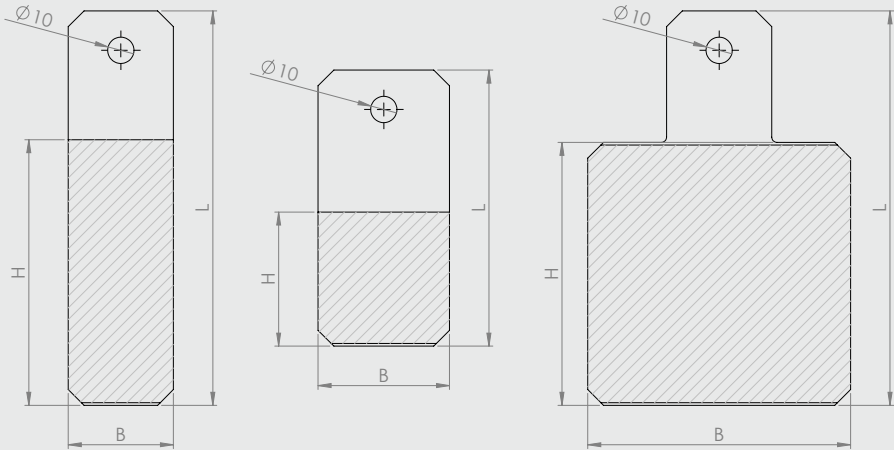
REQUEST SAMPLE



210 °C
HEAT
RESISTANT



ARTICLE NO.	PCS. / BOX	B x H IN MM	SHEET STRENGTH IN MM	L IN MM	LOAD CAPACITY
ACX.KLEBEHAKEN.050	25	50 X 50	0,50	105	1,00 KG
ACX.KLEBEHAKEN.040	25	40 X 100	0,50	150	2,50 KG
ACX.KLEBEHAKEN.100	25	100 X 100	0,50	150	5,00 KG



ACX.AZH | PULL-OFF AID FOR ADHESIVE HOOKS

Removal aid for easy removal of the ACX adhesive hook.

APPLICATION AREAS

Powder coating and wet painting



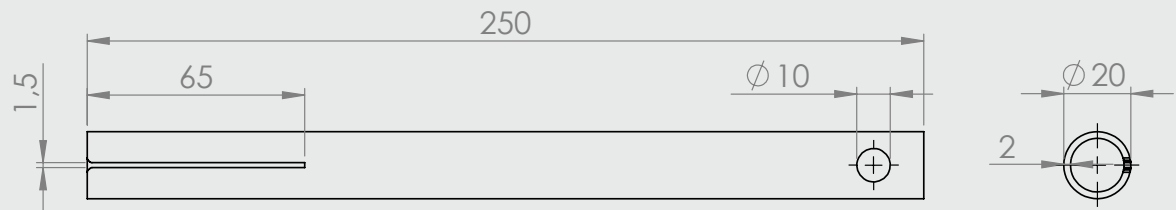
STOCK GOODS



1
STK.



ARTICLE NO.	PCS. / BOX
ACX.AZH	1



FH | RIM HOOK

New to
the range!

The rim hook enables even paint distribution thanks to its stability and optimal accessibility to all areas of the item being painted. The minimal contact points at the valve passage reduce imperfections during coating, which lowers the amount of reworking required.

Our special suspension system is suitable for various rim types and is therefore universally applicable.

APPLICATION AREAS

Powder coating and wet painting



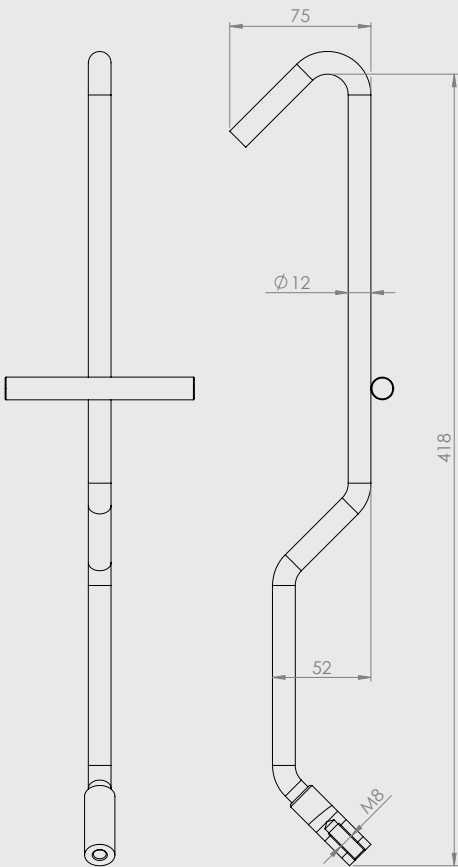
STOCK GOODS



1
BOX



EMPTMEYER HANGING ACCESSORIES



ARTICLE NO.

PCS. /
BOX

LOAD
CAPACITY

FH.D12.M8

1

120 KG

* SF2 = safety factor / For definition, see page 47

253 | SPRING TUBE HOOKS

For vertical and horizontal holding of pipes and profiles.

APPLICATION AREAS

Powder coating, KTL and wet painting

MATERIAL

Spring steel



STOCK GOODS



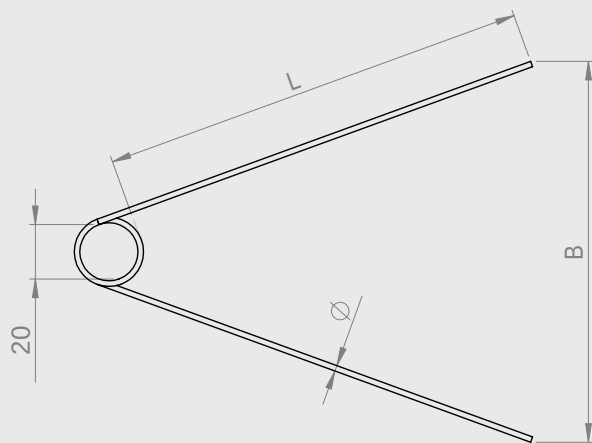
1
BOX



REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



EMPTMEYER CLIP HOOKS

ARTICLE NO.	PCS. / BOX	L IN MM	Ø IN MM	B IN MM
253.15	250	100	1,50	100
253.20	250	150	2,00	150
253.30	250	150	3,00	150
253.40	250	250	4,00	180

251 | 252 PIPE AND PROFILE HOOKS

Pipe and profile hooks for vertical holding of pipes and profiles.

APPLICATION AREAS

Powder coating, KTL and wet painting

MATERIAL

Spring steel



STOCK GOODS



1
BOX



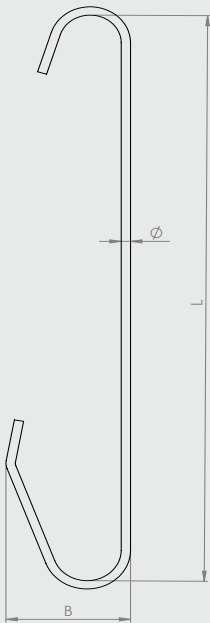
REQUEST
SAMPLE



SPECIAL SIZES
ON REQUEST



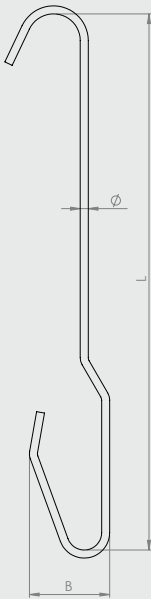
EMPTMEYER CLIP HOOKS



251. STRAIGHT

ARTICLE NO.	PCS. / BOX	L X Ø IN MM	B IN MM
251.10	500	200 x 2,00	18
251.20	500	200 x 2,00	28
251.30	250	200 x 3,00	42

ARTICLE NO.	PCS. / BOX	L X Ø IN MM	B IN MM
252.10	500	200 x 2,00	18
252.20	500	200 x 2,00	28
252.30	250	200 x 3,00	36



252. CRANKED

PK | PKM CLIPS

These clips are suitable for holding sheets, profiles etc. that do not offer any other holding option, such as drill holes.

APPLICATION AREAS

Powder coating, KTL and wet painting

MATERIAL

VA-Spring steel 1.4310



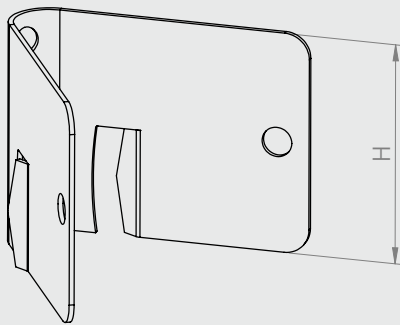
STOCK GOODS



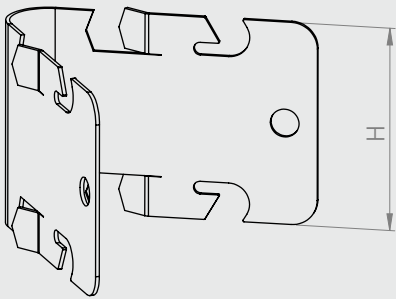
1
BOX



REQUEST
SAMPLE



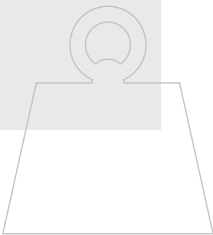
PK



PKM

ARTICLE NO.	PCS. / BOX	MIN-MAX IN MM	H IN MM
PK.1	250	0,50-2,00	23,00
PK.2	250	1,00-2,50	35,00
PKM	250	1,00-4,00	35,00

RECOMMENDED LOAD LIMITS FOR PAINTING HOOKS



HOOK DIAMETER (in mm)	STEEL S235 JR short-term use	STEEL S235 JR permanent use	SPRING STEEL short-term use	SPRING STEEL permanent use
1,5	1,50 kg	1,25 kg	2,00 kg	1,50 kg
2	2,80 kg	2,50 kg	4,00 kg	3,00 kg
3	11,00 kg	8,00 kg	7,00 kg	4,00 kg
4	20,00 kg	16,00 kg	33,00 kg	15,00 kg
5	36,00 kg	27,00 kg	66,00 kg	30,00 kg
6	66,00 kg	45,00 kg	115,00 kg	37,00 kg
8	110,00 kg	82,00 kg	200,00 kg	75,00 kg
10	173,00 kg	120,00 kg	–	–
12	286,00 kg	225,00 kg	–	–
14	333,00 kg	250,00 kg	–	–
16	433,00 kg	275,00 kg	–	–
18	500,00 kg	400,00 kg	–	–
20	700,00 kg	650,00 kg	–	–
25	1.000,00 kg	750,00 kg	–	–
30	1.500,00 kg	1.000,00 kg	–	–

The information refers to square hooks with article no. 121.1.

Example using a square C-hook (Steel S235 JR) with a diameter of 10 mm:

permanent use: 120 kg = max. value 240 kg without deformation

short-term use: 173kg = max. value 519 kg with strong deformation without losing the load

GUIDLINES FOR LOADING OF PAINTING HOOKS

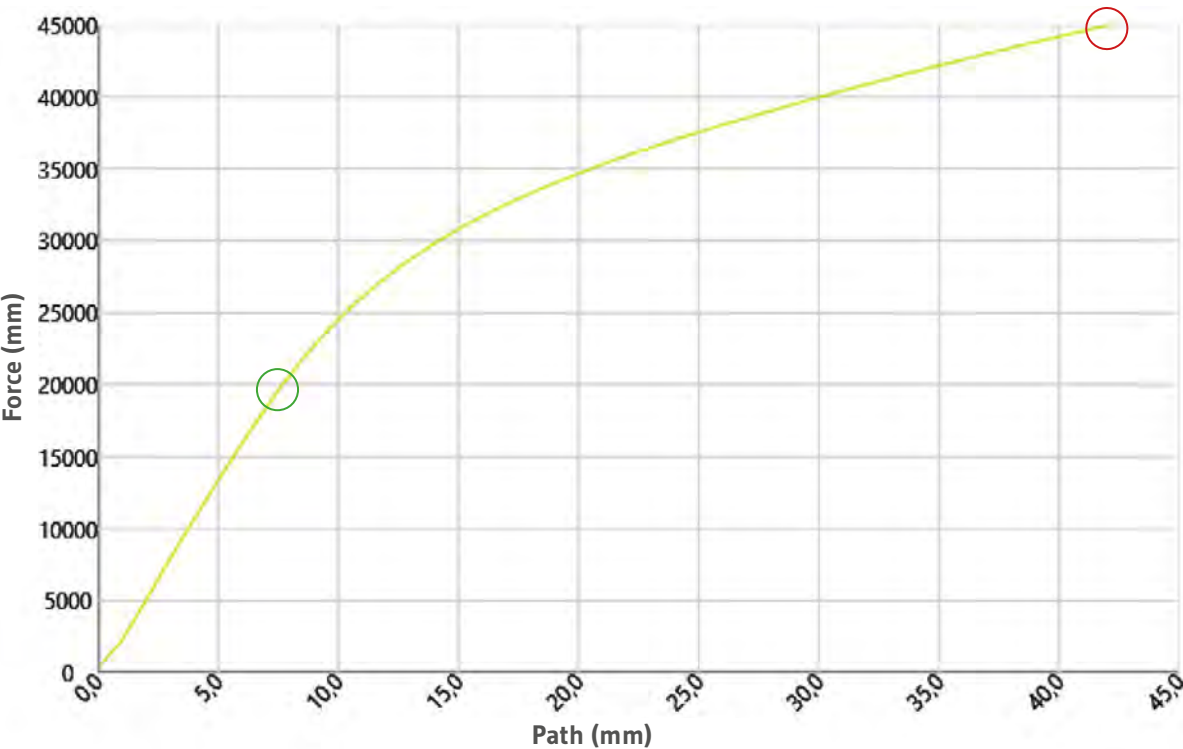
Mechanical load-bearing parts according to DIN EN 13155:2020

Permanent use (SF2) corresponds to:

Elastic condition: The mechanical load-bearing parts must be designed to withstand a static load corresponding to 2 times the load that they must withstand under the intended operating conditions without permanent deformation occurring.

Short term use (SF3) corresponds to:

Plastic condition: The mechanical load-bearing parts must be designed to withstand a static load corresponding to 3 times the load they must withstand under the intended operating conditions without the load becoming detached, even if permanent deformation occurs.



EMPTMEYER HOOKS

10 Newtons (N) correspond to a weight of 1 kg.

Example based on the diagram above (C-hook square 500 x 30mm):

labelled green:

Permanent use (SF2): $20,000\text{N} : 2 = 10,000\text{N} = \text{approx. } 1,000\text{kg}$

If this load capacity is exceeded, permanent deformation of the hook will occur without losing the load.

labelled red:

Short term use (SF3): $45,000\text{N} : 3 = 15,000\text{N} = \text{approx. } 1,500\text{kg}$

If this load capacity is exceeded, the hook loses the load.

1. Intended use

The load-bearing equipment (LAM) may only be used under the following conditions of use:

- The LAM must hang vertically; slanted tensioning is not permitted.
- The load capacity must not be exceeded.
- The LAM may only be used in compliance with the technical limitations (see point 2).
- Modifications and alterations to the LAM – in particular reshaping, removing parts of the LAM, or attaching extensions – are not permitted.



2. Technical limitations

- Maximum load capacity (load-bearing capacity) applies at ambient temperatures of 0 to 45 °C. When loaded at temperatures up to 250°C, a load capacity loss of 6% can be expected for steel (e.g., 1.0037, S235) and 15% for alloy steel (e.g., stainless steel 1.4301, X5CrNi18.10).
- Thermal paint stripping permitted up to: 450 °C.
- Chemical paint stripping permitted in accordance with specifications (see point 3).
- Mechanical paint removal (e.g., sandblasting) is not permitted.
- The use of damaged LAMs is not permitted. This includes mechanical damage as well as corrosion.

3. Chemical paint stripping

When using chemical paint stripping processes, relevant national and international regulations regarding safety (Machinery Directive, ATEX Directive, occupational safety regulations, etc.) and the handling of chemicals and their emissions (REACH Regulation, CLP Regulation, Federal Immission Control Act, etc.) must be observed.

4. Inspection and maintenance work to be performed

Before each use: Check for visually detectable damage and defects.

CERTIFIED PAINTING HOOKS — for more safety



Reliable information regarding the load capacity of a painting hook or a suspension is becoming increasingly important in surface technology. Of course, occupational safety also takes a major role. We offer you the following options to support you in this area:

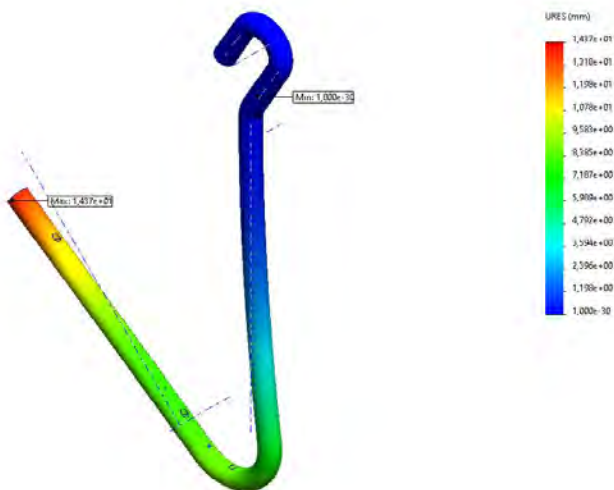
Pulling test

We carry out tensile tests with a testing machine and determine the load at which the hook changes its shape. This value, including the safety factor results in the maximum load that this paint hook can withstand.

After a successful tensile test, you will receive operating instructions for the tested paint hook (no CE).

Static calculation using the FEM method

We analyze your mounting hook in theory. We can carry out an FEM calculation using our CAD system. This method allows us to simulate a change in the hook with your specified load. This allows us to specify a maximum load for the coating hook.



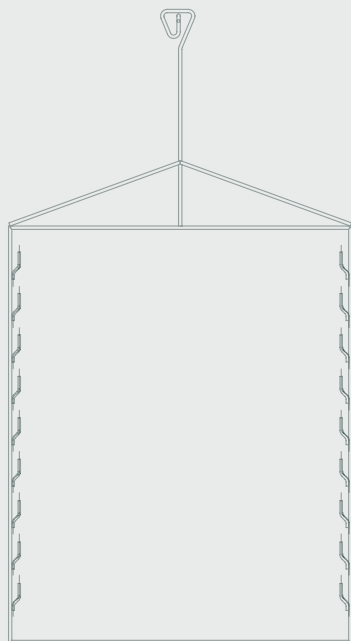


RACKS



RACKS

FLEX LINE



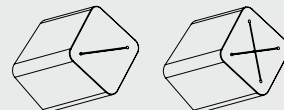
FLEX HANGING SYSTEM – FRAME

ARTICLE NO. FG.R
Page # 056



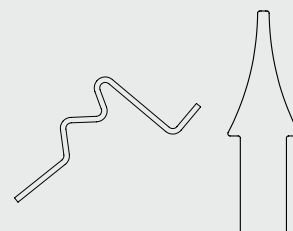
FLEX HANGING SYSTEM – SIDE SECTION

ARTICLE NO. FG.ST
Page # 058



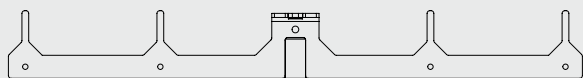
FLEX LINE – COVER CAPS

ARTICLE NO. FS.AK
Page # 066



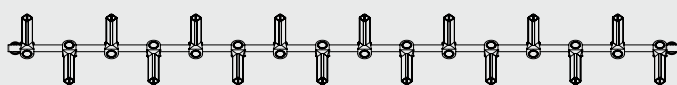
FLEX LINE – INSERTS

ARTICLE NO. FS.E
Page # 066



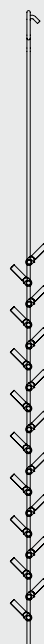
FLEX HANGING SYSTEM – ADAPTER

ARTICLE NO. FG.AD
Page # 060



FLEX HANGING SYSTEM – FIXED LEVEL

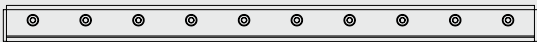
ARTICLE NO. FG.AD
Page # 062



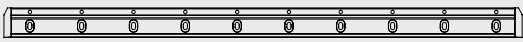
FLEX LINE – SHAFTS VERTICAL

ARTICLE NO. FG.LT
Page # 064

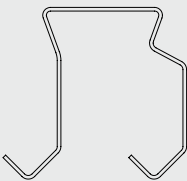
CROSSBARS



CROSSBAR 10
ARTICLE NO. T10
Page # 071



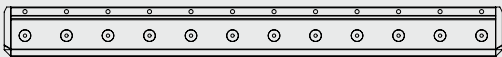
CROSSBAR 10 LIGHT
ARTICLE NO. T10.L
Page # 073



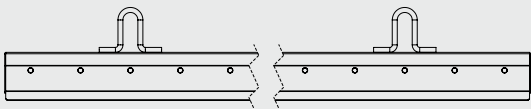
TWIN HOOKS
ARTICLE NO. ZH
Page # 074



CROSSBAR 20
ARTICLE NO. T20
Page # 075

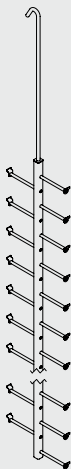


CROSSBAR 20 LIGHT
ARTICLE NO. T20.L
Page # 077

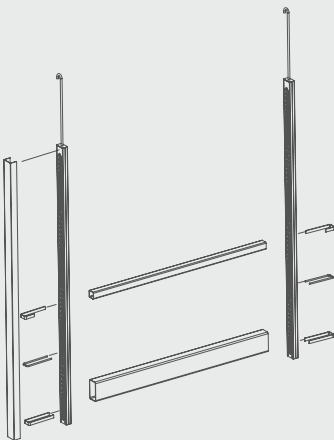


CROSSBAR 30
ARTICLE NO. T30
Page # 078

PROFILE HANGING SYSTEMS



**PROFILE RACK
SYSTEM**
ARTICLE NO. PLS
Page # 082



METAL MATRIX FRAME
ARTICLE NO. LKS
Page # 084

FS | FLEX LINE

The EMPTMEYER Flex series offers a high degree of flexibility. It can be individually adjusted to the appropriate needs. This means that the painting area can be optimally utilised. The Flex Line consists of a vertical suspension solution (shaft vertical) and a frame system with matching fixed levels. Six different shaft vertical variants are available for the frame system. The frame can be equipped with up to nine fixed levels. Unnecessary pick-up points can be protected by cover caps (Page 143).

There is a large selection of different inserts for the Flex Line, in order to be able to design the assembly as diversely as possible. The receptacle area of the plugs can be protected by suitable cover caps (page 66), thus ensuring optimal contacting.

All systems and plugs can be customised on request.

CAP WITH REMOVING AID
KMA.06x25 | Page 143

EMPTMEYER FLEX LINE

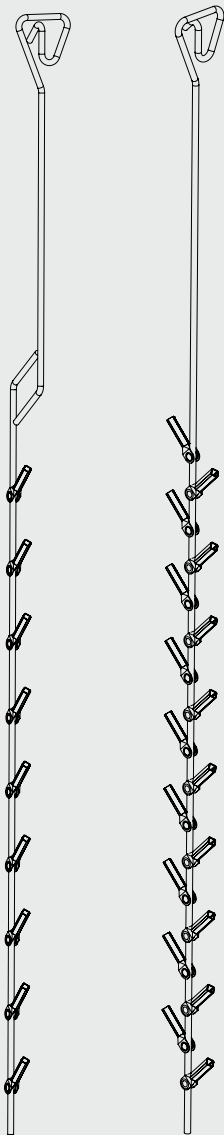


FIG.LT FLEX HANGING SYSTEM-SHAFTS VERTICAL

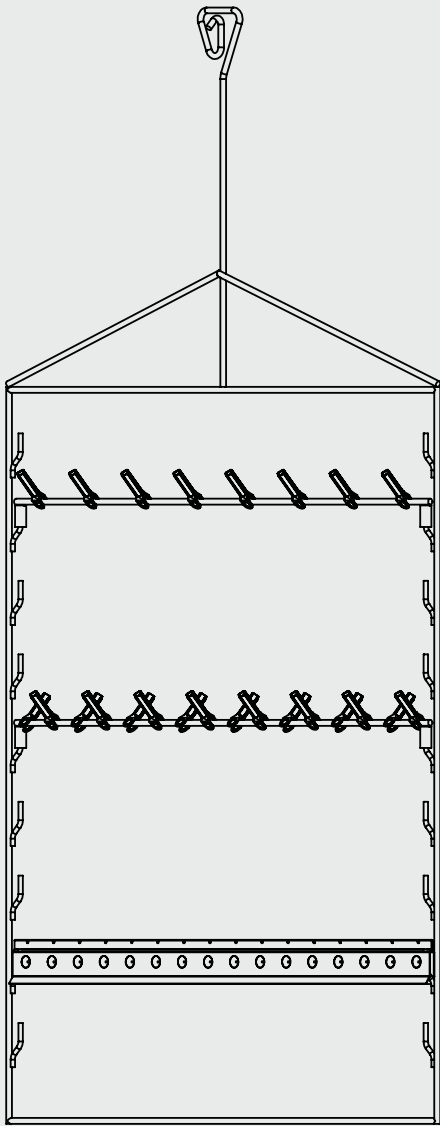
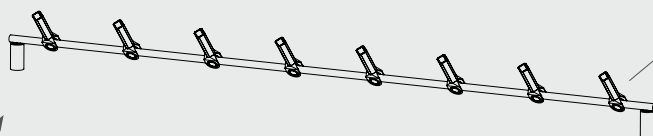
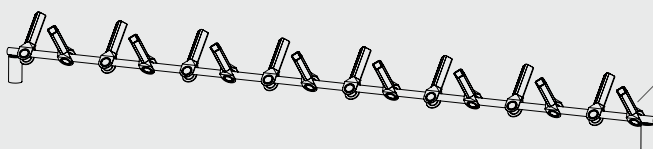
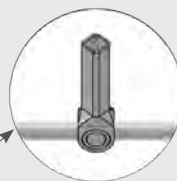


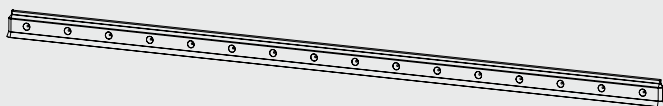
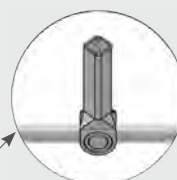
FIG.R FLEX HANGING SYSTEM - FRAME



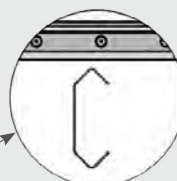
FG.QT FLEX HANGING SYSTEM -
FIXED LEVEL One-sided



FG.QT FLEX HANGING SYSTEM
- FIXED LEVEL Both-sided



T10 | T10.L | T20 | T20.L
CROSSBAR



FG.R | FLEX HANGING SYSTEM – FRAME

The frame is suitable for holding all Flex Line fixed levels as well as T10 and T20 crossbars. The frame can be used flexibly due to several mounting levels.

The frame is supplied with an anti-twist hook as standard.

Customised dimensions and solutions as well as other materials are available on request.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR



STOCK GOODS



1
PCS.

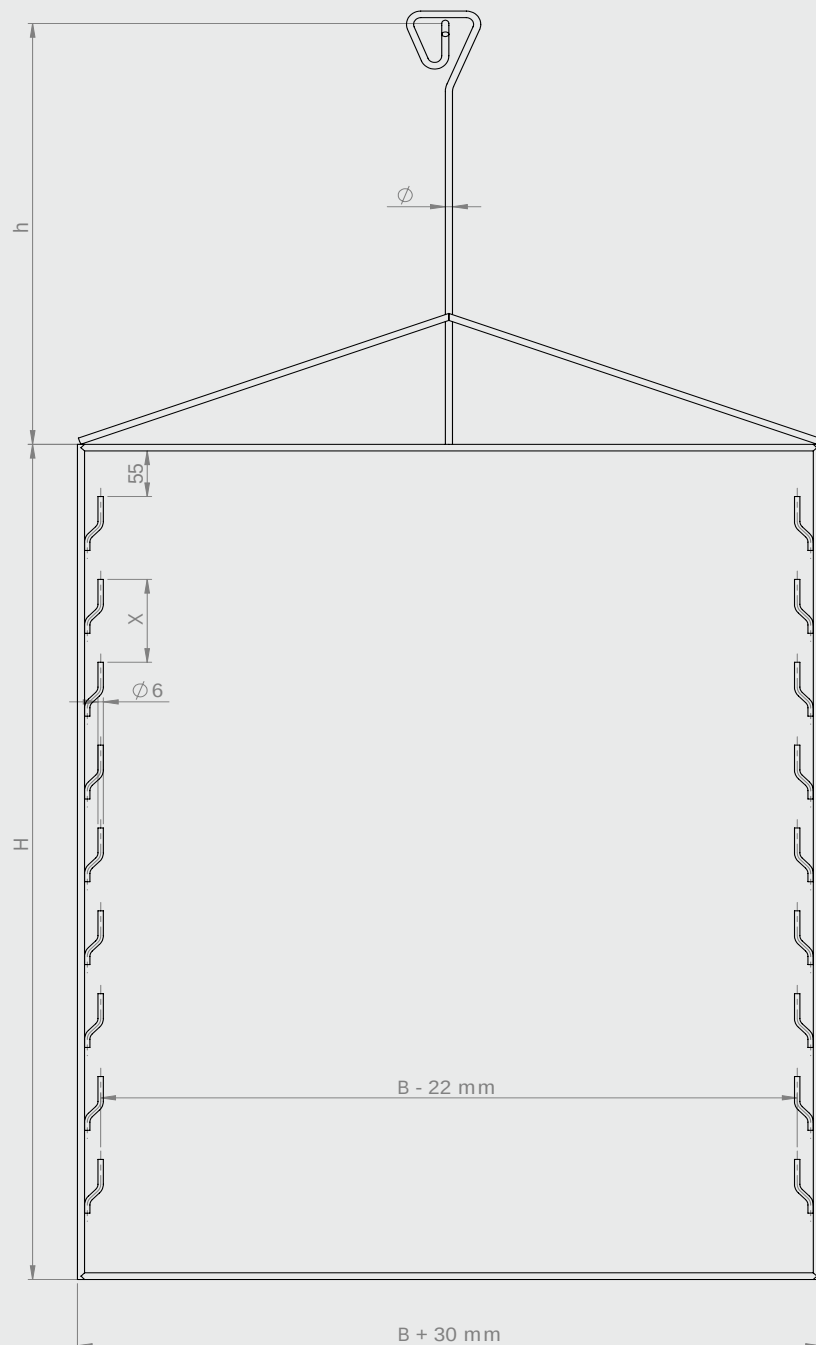


SPECIAL SIZES
ON REQUEST



ARTICLE NO.	B IN MM	Ø IN MM	H IN MM	h IN MM	X IN MM
FG.R.0800.100	800	8	1.000	500	100
FG.R.0800.200	800	10	1.000	500	200
FG.R.1000.100	1.000	10	1.000	500	100

FG.R | FLEX HANGING SYSTEM – FRAME



EMPTMEYER FLEX LINE

FG.ST | FLEX HANGING SYSTEM – SIDE PART

The Flex hanging system side parts are used for the quick and flexible construction of frame constructions. The side parts with firmly welded mounting brackets can be used to hold crossbars and Flex hanging system fixed levels (FG.QT).

Customised dimensions and solutions as well as other materials available on request.

APPLICATION AREAS
Powder coating and wet painting

MATERIAL
Steel S235 JR



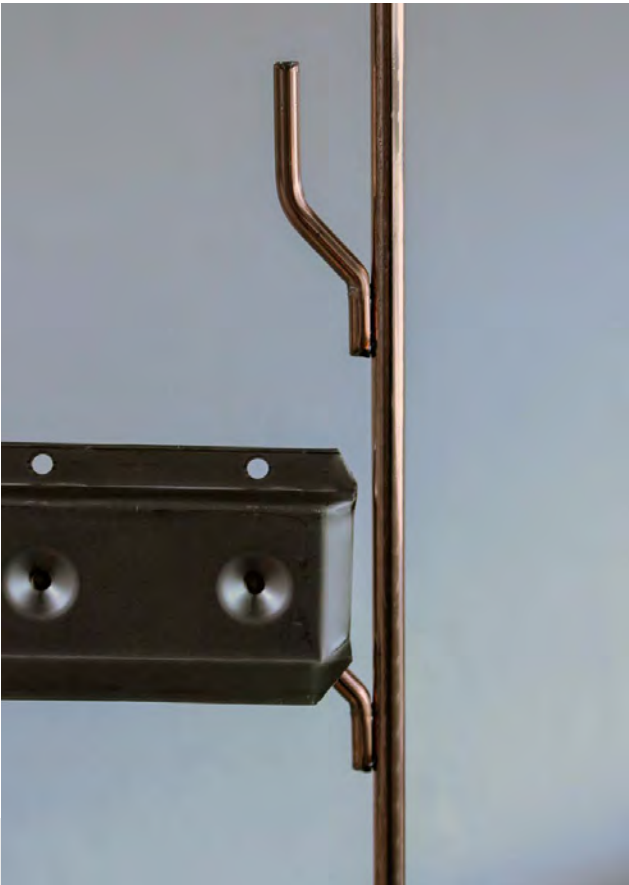
STOCK GOODS



1
PCS.



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	L IN MM	H IN MM	h IN MM	X IN MM	NUMBER OF MOUNTING BRACKETS
FG.ST.1500.100	1.500	1.000	500	100	10
FG.ST.1500.150	1.500	1.000	500	150	7
FG.ST.1500.200	1.500	900	600	200	5
FG.ST.2000.100	2.000	1.500	500	100	15
FG.ST.2000.150	2.000	1.450	550	150	10
FG.ST.2000.200	2.000	1.500	500	200	8

FG.ST | FLEX HANGING SYSTEM - SIDE PART



FG.AD | FLEX HANGING SYSTEM – ADAPTER

New to the range!

The Flex hanging system adapter can be used to create additional levels within the painting area in order to make optimum use of the space available.

The Flex hanging system adapter can be combined with the Flex Line frame, with the Flex Line side parts, or used individually with a hook.

Customised dimensions and solutions as well as other materials available on request.

APPLICATION AREAS
Powder coating and wet painting

MATERIAL
Steel S235 JR



STOCK GOODS



1
PCS.



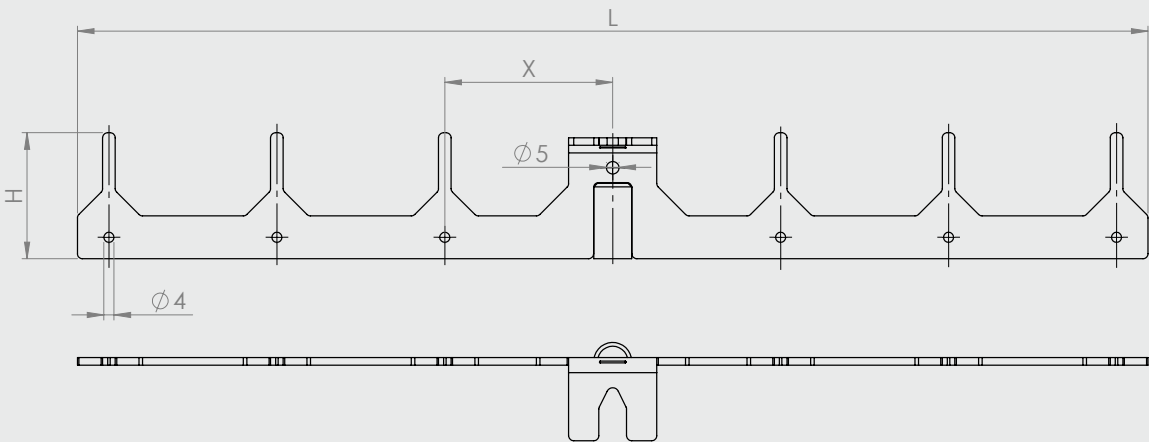
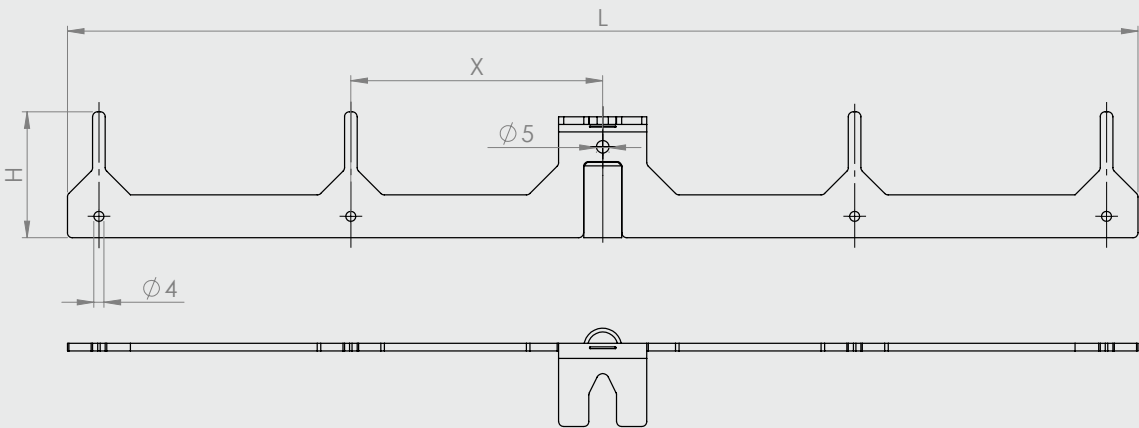
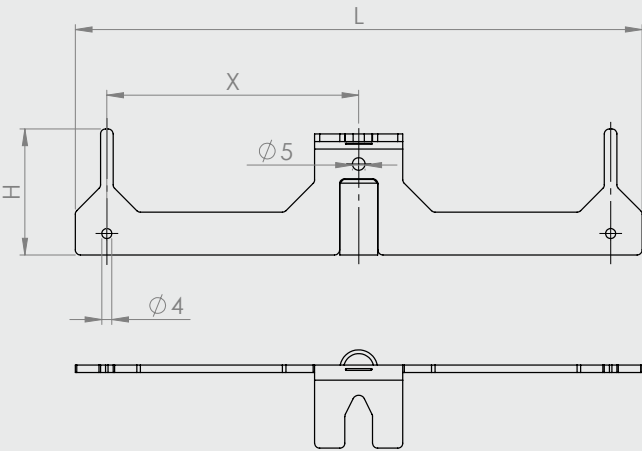
SPECIAL SIZES
ON REQUEST



EMPTMEYER FLEX LINE

ARTICLE NO.	H IN MM	L IN MM	X IN MM	NUMBER OF MOUNTING BRACKETS
FG.AD.2	50	225	100	2
FG.AD.4	50	425	100	4
FG.AD.6	50	425	66,7	6

FG.AD | FLEX HANGING SYSTEM – ADAPTER



FG.QT | FLEX HANGING SYSTEM – FIXED LEVEL

The cross bar with firmly welded square tubes is suitable for the Flex Line – frame (FG.R). The tubes are used to hold various inserts and thus offer a flexible design of the painting rack.

Customised dimensions and solutions as well as other materials available on request.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR



STOCK GOODS



1
PCS.



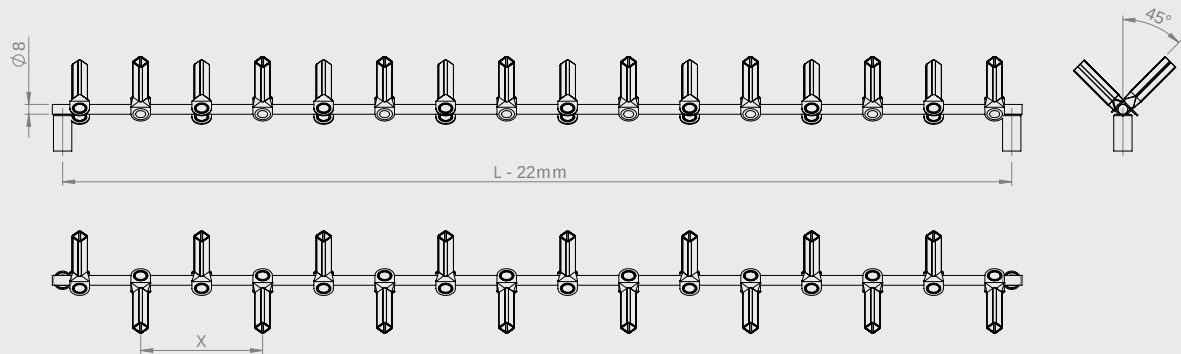
SPECIAL SIZES
ON REQUEST



FLEX HANGING SYSTEM – FIXED LEVEL BOTH-SIDED

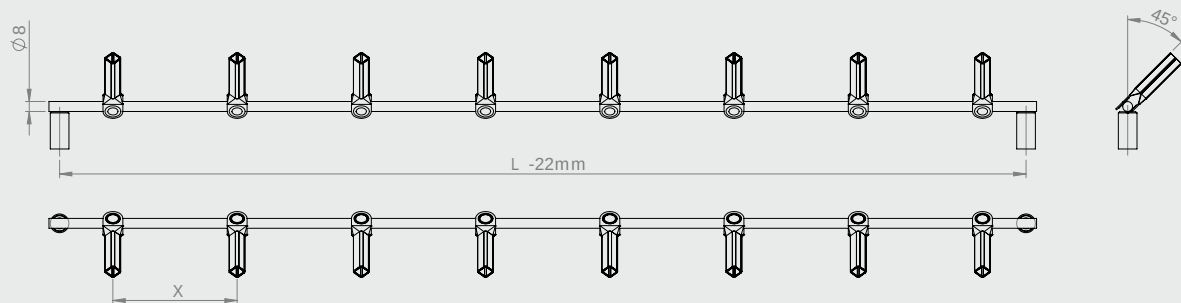
ARTICLE NO.	L IN MM	X IN MM	NUMBER OF CAPS
FG.QT.0800.050.B	800	50	30
FG.QT.0800.100.B	800	100	16
FG.QT.1000.050.B	1.000	50	38
FG.QT.1000.100.B	1.000	100	20

FG.QT | FLEX HANGING SYSTEM – FIXED LEVEL



FLEX HANGING SYSTEM – FIXED LEVEL ONE-SIDED

ARTICLE NO.	L IN MM	X IN MM	NUMBER OF CAPS
FG.QT.0800.050.E	800	50	16
FG.QT.0800.100.E	800	100	8
FG.QT.1000.050.E	1.000	50	20
FG.QT.1000.100.E	1.000	100	10



FG.LT | FLEX HANGING SYSTEM – SHAFTS VERTICAL

The shaft vertical is produced (vertical suspension solution) with firmly welded square tubes for holding components. The tubes are used to hold various inserts and thus offer a flexible design of the painting rack.

The frame is supplied with an anti-twist hook as standard.

Customised dimensions and solutions as well as other materials available on request.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR



STOCK GOODS



1
PCS.



SPECIAL SIZES
ON REQUEST



FLEX HANGING SYSTEM – SHAFTS VERTICAL BOTH-SIDED

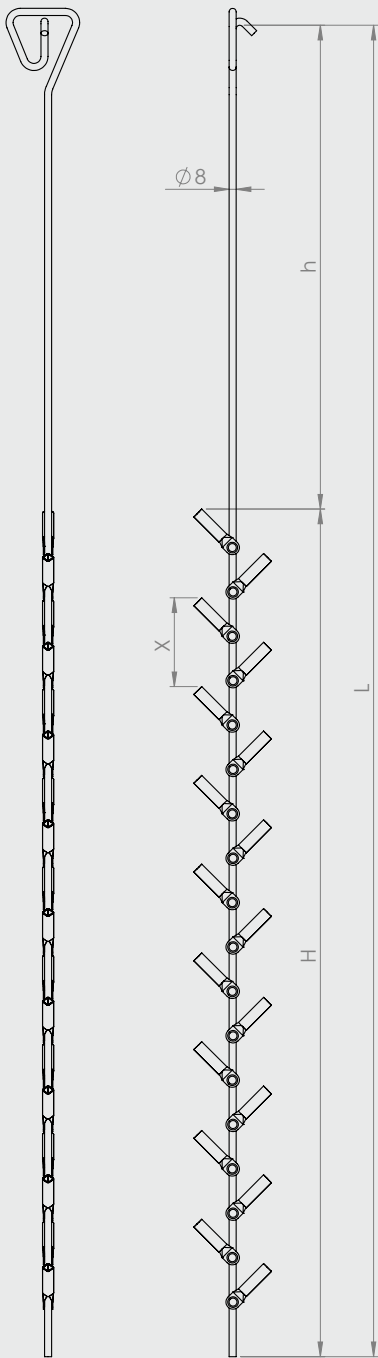
ARTICLE NO.	L IN MM	H IN MM	h IN MM	X IN MM	NUMBER OF CAPS
FG.LT.1500.100.B	1.500	955	545	100	18
FG.LT.1500.200.B	1.500	1.000	500	200	10

FLEX HANGING SYSTEM – SHAFTS VERTICAL ONE-SIDED

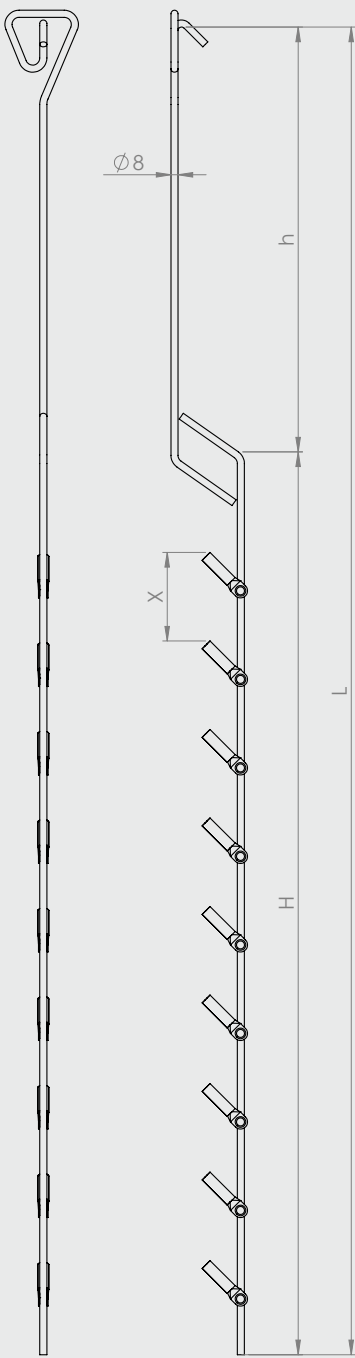
ARTICLE NO.	L IN MM	H IN MM	h IN MM	X IN MM	NUMBER OF CAPS
FG.LT.1500.050.E	1.500	1.030	470	50	17
FG.LT.1500.100.E	1.500	1.030	470	100	9

FG.LT | FLEX HANGING SYSTEM – SHAFTS VERTICAL

SHAFTS VERTICAL
BOTH-SIDED



SHAFTS VERTICAL
ONE-SIDED



FS.E | INSERTS FOR FLEX LINE

The plugs and caps are suitable for all systems of the Flex Line.

The cover caps provide ideal protection for the square tubes. This keeps the earth contact free of paint.

Customised dimensions and solutions as well as other materials available on request.

APPLICATION AREAS

Powder coating and wet painting


STOCK GOODS


1
VPE


REQUEST
SAMPLE


SPECIAL SIZES
ON REQUEST



EMPTMEYER FLEX LINE

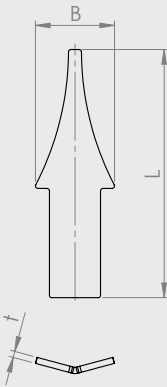
COVER CAPS SILICONE

ARTICLE NO.	PCS./ BOX	VARIANT	COLOUR
FS.AK.ES	500	SIMPLE	BLUE
FS.AK.KS	500	CROSS	PURPLE



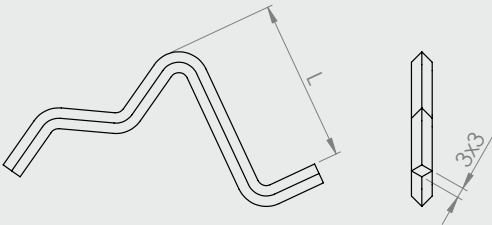
ARROW SHORT
STEEL S235 JR – BLANK

ARTICLE NO.	PCS./ BOX	L IN MM	B IN MM	t IN MM
FS.E.PSK.16.125	500	50	16	1,25
FS.E.PSK.22.125	500	55	22	1,25
FS.E.PSK.16.200	500	50	16	2,00
FS.E.PSK.22.200	500	55	22	2,00



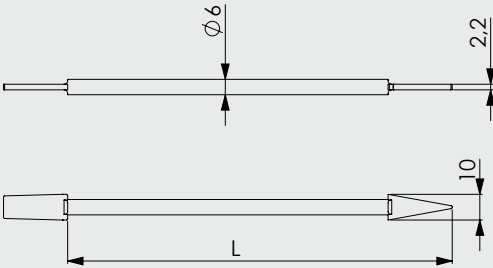
SQUARE HOOKS
STEEL S235 JR – BLANK

ARTICLE NO.	PCS./ BOX	L IN MM	VK IN MM
FS.E.VKH.25	1.000	25	3,00 x 3,00
FS.E.VKH.50	1.000	50	3,00 x 3,00
FS.E.VKH.80	1.000	80	3,00 x 3,00



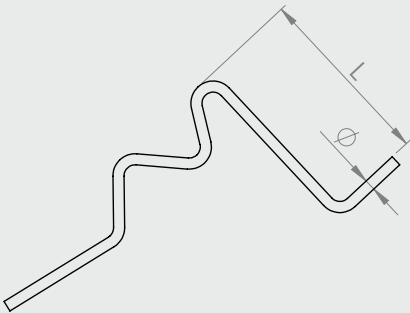
ARROW LONG
STEEL S235 JR – BLANK

ARTICLE NO.	PCS./ BOX	L IN MM
FS.E.PSL.050	100	50
FS.E.PSL.100	100	100
FS.E.PSL.150	100	150



HOOKS
STEEL S235 JR

ARTICLE NO.	PCS./ BOX	L IN MM	Ø IN MM
FS.E.H.20.15.ST	1.000	20	1,50
FS.E.H.35.15.ST	1.000	35	1,50
FS.E.H.20.20.ST	1.000	20	2,00
FS.E.H.35.20.ST	1.000	35	2,00

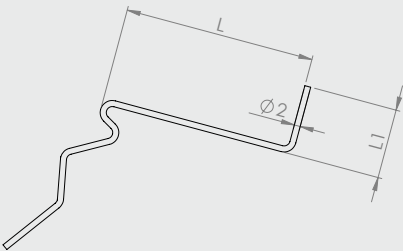


SPRING STEEL

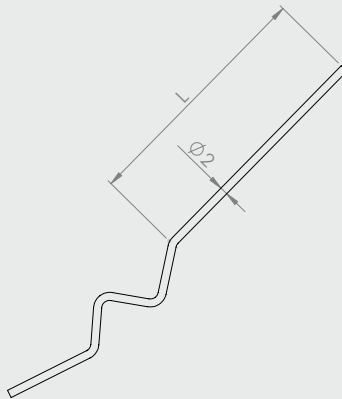
FS.E.H.20.20.FE	1.000	20	2,00
FS.E.H.35.20.FE	1.000	35	2,00

MOUNTING HOOKS FOR PROFILES
SPRING STEEL

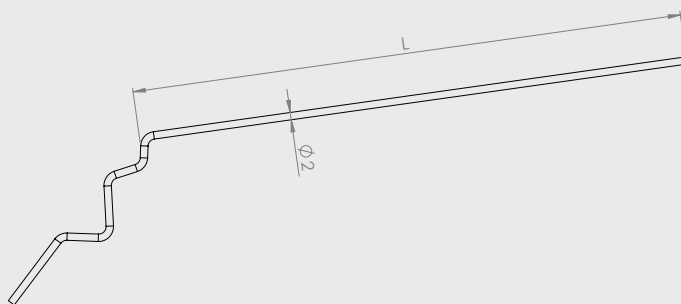
ARTICLE NO.	PCS./ BOX	L IN MM	L1 IN MM	VERSION
FS.E.H.050.20.20.FE	1.000	50	20	1
FS.E.H.050.20.45.FE	1.000	50	45	1
FS.E.H.075.20.FE	1.000	75	-	2
FS.E.H.125.20.FE	1.000	125	-	2
FS.E.H.150.20.FE	1.000	150	-	3



Version 1



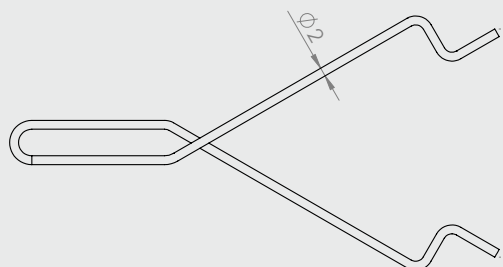
Version 2



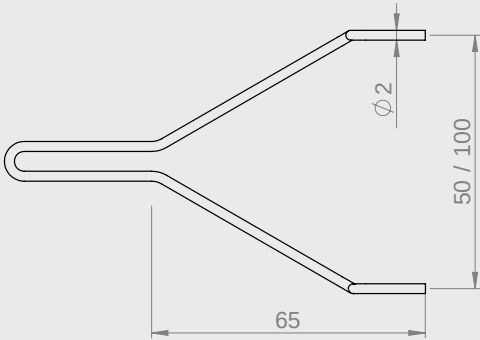
Version 3

SPRING CLIPS SPRING STEEL

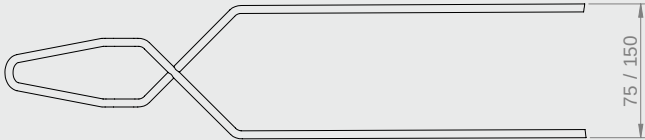
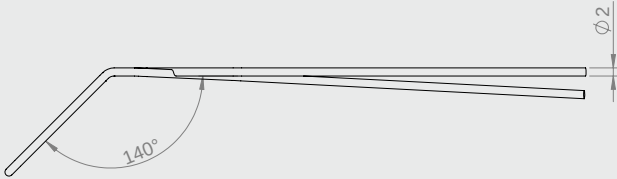
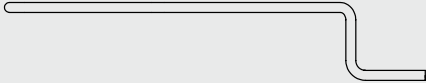
ARTICLE NO.	PCS./ BOX	VERSION
FS.E.FK1.050.20	500	1
FS.E.FK1.100.20	500	1
FS.E.FK2.050.20	500	2
FS.E.FK2.100.20	500	2
FS.E.FK3.075.20	500	3
FS.E.FK3.150.20	500	3



Version 1



Version 2



Version 3

T10 | CROSSBAR 10

The crossbar 10 can be used universally. Single use as well as combinations, e.g. with the Flex hanging system – Frame (FG.R) are possible.

- Protected contact points for optimal earthing
- optimally suitable for hooks up to $\varnothing$ 4 mm, max. $\varnothing$ 5 mm possible
- Ends closed

Customised dimensions and solutions as well as other materials available on request. Read more in the section EMPTMEYER plus+.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR / stainless steel 1.4301



STOCK GOODS



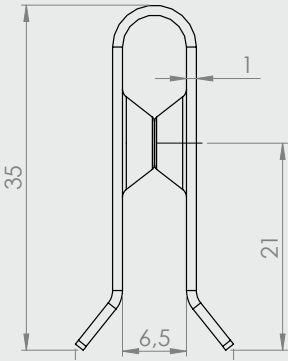
1
PCS.



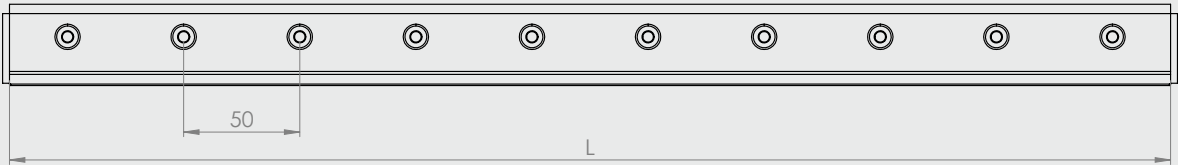
SPECIAL SIZES
ON REQUEST



ARTICLE NO.	L IN MM	HANGING POINTS	MATERIAL
T10.0500	500	10	STEEL S235 JR
T10.0600	600	12	STEEL S235 JR
T10.0800	800	16	STEEL S235 JR
T10.0800.VA	800	16	STAINLESS STEEL 1.4301
T10.1000	1.000	20	STEEL S235 JR
T10.1000.VA	1.000	20	STAINLESS STEEL 1.4301
T10.1200	1.200	24	STEEL S235 JR
T10.1500	1.500	30	STEEL S235 JR
T10.2000	2.000	40	STEEL S235 JR

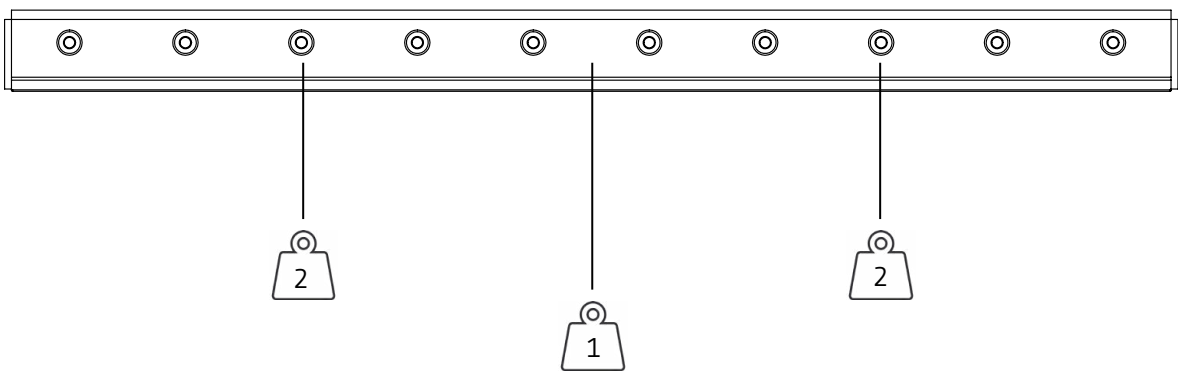


EMPTMEYER CROSSBARS



Load capacity - Crossbar T10

Taken from the side (side panels or frame)



Crossbar	 only centrally loaded	 distributed load at two points
T10.0800	31 KG / 310 N SF2	42,5 KG / 425 N SF2 (total)
T10.0800.VA	40 KG / 400 N SF2	50 KG / 500 N SF2 (total)
T10.1000	17,5 KG / 175 N SF2	27,5 KG / 275 N SF2 (total)
T10.1000.VA	17,5 KG / 175 N SF2	30 KG / 300 N SF2 (total)
T10.1200	12,5 KG / 125 N SF2	16 KG / 162 N SF2 (total)
T10.1500	9 KG / 90 N SF2	11 KG / 112 N SF2 (total)
T10.2000	2,5 KG / 25 N SF2	5 KG / 50 N SF2 (total)

10 newtons (N) correspond to a weight of approximately 1 kg.

SF 2 corresponds to:

Elastic state: The mechanically load-bearing parts must be dimensioned so that they can withstand a static load corresponding to twice the load they must withstand under the intended operating conditions without permanent deformation occurring.

T10.L | CROSSBAR 10 LIGHT

The crossbar T10 light is a versatile alternative to the crossbar T10. Its design makes it particularly suitable for light components. Single use as well as combinations, e.g. with the Flex hanging system – Frame (FG.R) are possible. Alternatively, the crossbars can be suspended as tiers by means of the upper perforated strip.

- Protected contact points for optimal earthing
- optimally suitable for hooks up to $\varnothing 4\text{ mm}$
- Ends closed

Customised dimensions and solutions available on request.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR



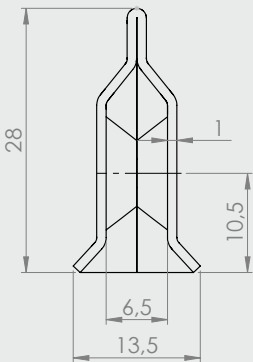
STOCK GOODS



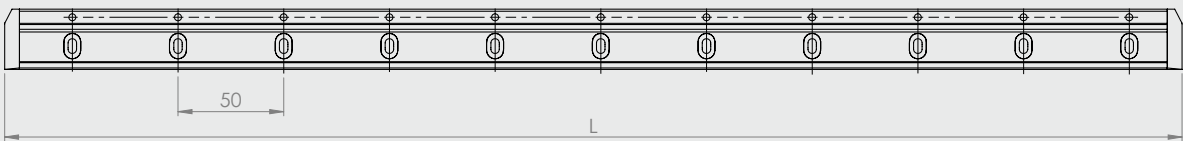
1
PCS.



ARTICLE NO.	L IN MM	HANGING POINTS
T10.L917-1-0500	500	10
T10.L917-1-0600	600	12
T10.L917-1-0800	800	16
T10.L917-1-1000	1.000	20
T10.L917-1-1200	1.200	24



EMPTMEYER CROSSBARS



ZH | TWIN HOOKS

Twin hooks suitable for crossbar 10 and Traverse 10 light.

The length specification (L) refers to the dimension between the lower edge of the crossbar and the holding point of the twin hook.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Spring steel



STOCK GOODS



1
BOX



REQUEST
SAMPLE

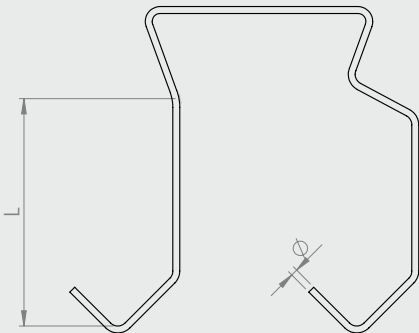


SPECIAL SIZES
ON REQUEST



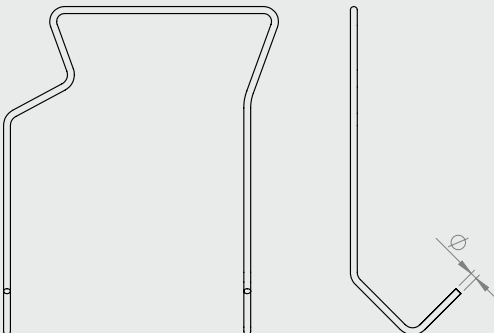
EMPTMEYER CROSSBARS

TWIN HOOKS FLAT



ARTICLE NO.	PCS./ BOX	L IN MM	Ø IN MM
ZH.P.50X1.5	1.000	50,00	1,50
ZH.P.50X2.0	500	50,00	2,00

TWIN HOOKS 90° TURNED



ARTICLE NO.	PCS./ BOX	L IN MM	Ø IN MM
ZH.90.50X1.5	500	50,00	1,50
ZH.90.50X2.0	500	50,00	2,00

T20 | CROSSBAR 20

The crossbar 20 can be used universally. Single use as well as combinations, e.g. with the Flex hanging system – Frame (FG.R) are possible. Due to its sheet thickness of 1.5 mm, the crossbar T20 is a more stable alternative to the T20.L and thus suitable for heavier components.

- Protected contact points for optimal earthing
- optimally suitable for hooks up to $\varnothing$ 5 mm, max. $\varnothing$ 6 mm
- Ends closed

Customised dimensions and solutions as well as other materials available on request. Read more in the section EMPTMEYER plus⁺.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR / Stainless steel 1.4301



STOCK GOODS



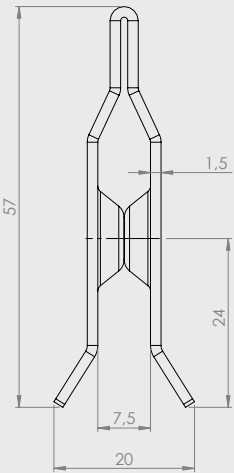
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PCS.



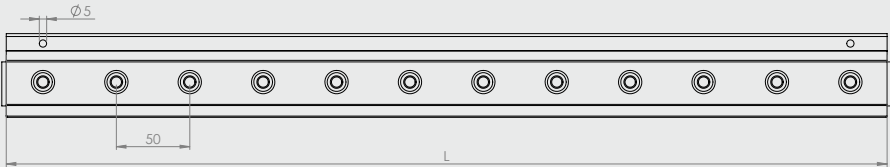
SPECIAL SIZES
ON REQUEST



ARTICLE NO.	L IN MM	HANGING POINTS	MATERIAL
T20.0500	500	10	STEEL S235 JR
T20.0600	600	12	STEEL S235 JR
T20.0800	800	16	STEEL S235 JR
T20.0800.VA	800	16	STAINLESS STEEL 1.4301
T20.1000	1.000	20	STEEL S235 JR
T20.1000.VA	1.000	20	STAINLESS STEEL 1.4301
T20.1200	1.200	24	STEEL S235 JR
T20.1500	1.500	30	STEEL S235 JR
T20.2000	2.000	40	STEEL S235 JR

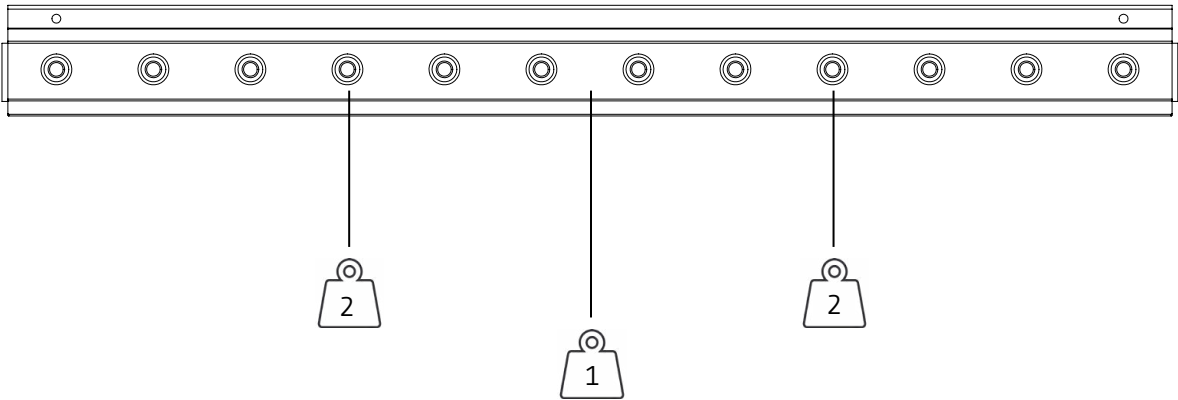


EMPTMEYER CROSSBARS



Load capacity - Crossbar T20

Taken from the side (side panels or frame)



CROSSBAR	 only centrally loaded	 distributed load at two points
T20.0800	75 KG / 750 N SF2	125 KG / 1.250 N (SF 2 (total)
T20.0800.VA	125 KG / 1.250 N SF2	140 KG / 1.400 N (SF 2 (total)
T20.1000	70 KG / 700 N SF2	90 KG / 900 N SF2 (total)
T20.1000.VA	60 KG / 600 N SF2	75 KG / 750 N SF2 (total)
T20.1200	50 KG / 500 N SF2	60 KG / 600 N SF2 (total)
T20.1500	35 KG / 350 N SF2	50 KG / 500 N SF2 (total)
T20.2000	20 KG / 200 N SF2	25 KG / 250 N SF2 (total)

10 newtons (N) correspond to a weight of approximately 1 kg.

SF 2 corresponds to:

Elastic state: The mechanically load-bearing parts must be dimensioned so that they can withstand a static load corresponding to twice the load they must withstand under the intended operating conditions without permanent deformation occurring.

T20.L | CROSSBAR T20 LIGHT

The crossbar T20 light is a versatile alternative to the crossbar T20. It can be used individually or in combination with, for example, the Flex hanging system – Frame (FG.R). Alternatively, the crossbars can be suspended as tiers by means of the upper perforated strip.

- Protected contact points for optimal earthing
- optimally suitable for hooks up to $\varnothing$ 5 mm
- Ends closed

Customised dimensions and solutions available on request.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR



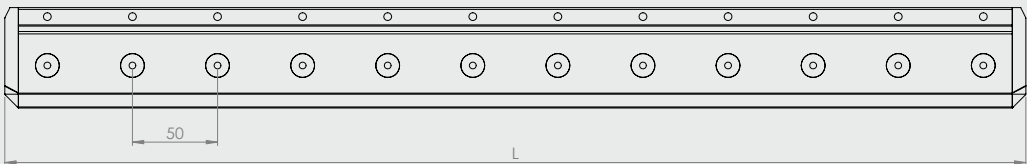
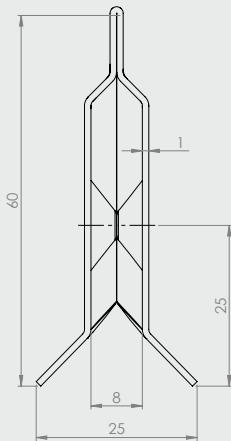
STOCK GOODS



1
PCS.



ARTICLE NO.	L IN MM	HANGING POINTS
T20.L.918.0500	500	10
T20.L.918.0600	600	12
T20.L.918.0800	800	16
T20.L.918.1000	1.000	20
T20.L.918.1200	1.200	24



T30 | CROSSBAR 30

The crossbar 30 is suitable both as the main crossbar for the coating line and for forming painting levels.

- Protected contact points for optimal earthing
- optimally suitable for hooks up to $\varnothing 10$ mm, max. $\varnothing 12$ mm
- Ends closed

Customised dimensions and solutions as well as other materials available on request. Read more in the section EMPTMEYER plus⁺.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR



STOCK GOODS



1
PCS.

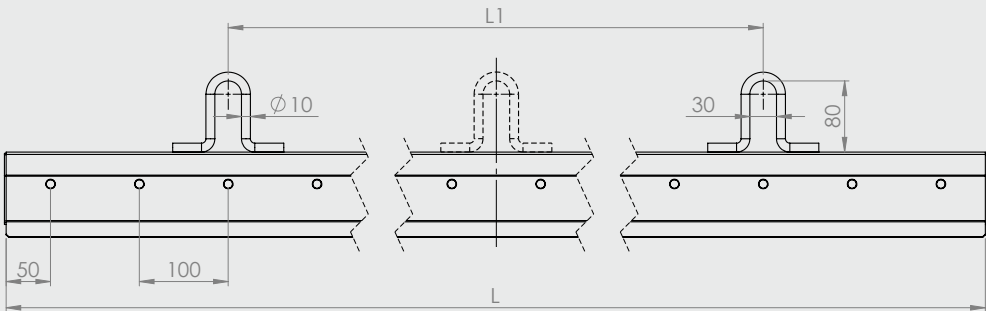
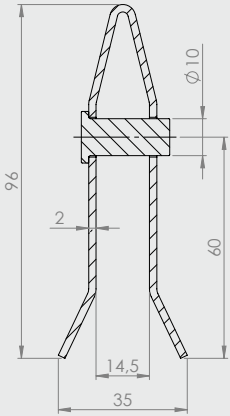


SPECIAL SIZES
ON REQUEST

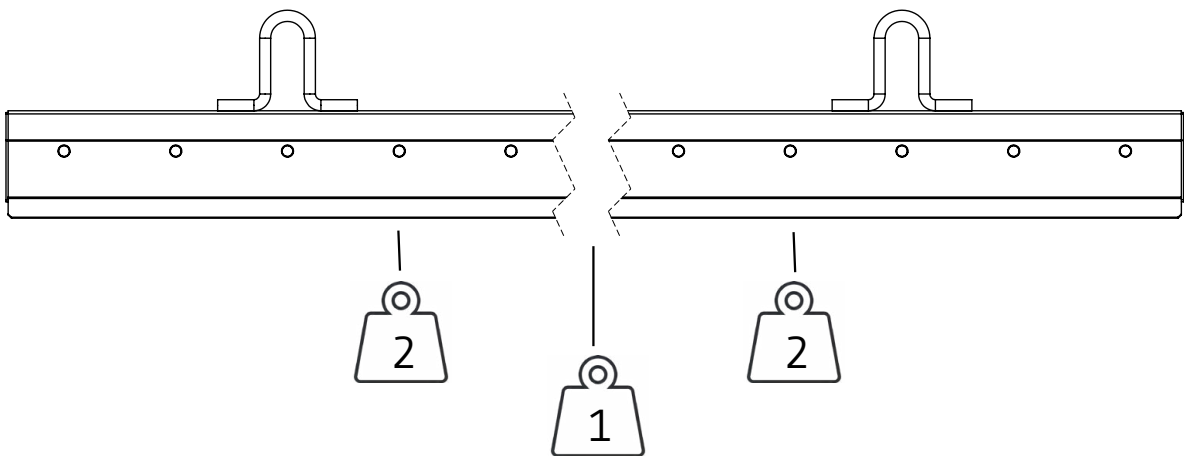


EMPTMEYER CROSSBARS

ARTICLE NO.	L IN MM	HANGING POINTS	HANGING EYES	L1 IN MM
T30.2000	2.000	20	2	1.500
T30.3000	3.000	30	3	2.000
T30.4000	4.000	40	3	3.000



Load capacity - Crossbar T30



Crossbar	 only centrally loaded	 distributed load at two points
T30.2000	225 KG / 2.250 N SF2	490 KG / 4.900 N SF2 (total)

10 newtons (N) correspond to a weight of approximately 1 kg.

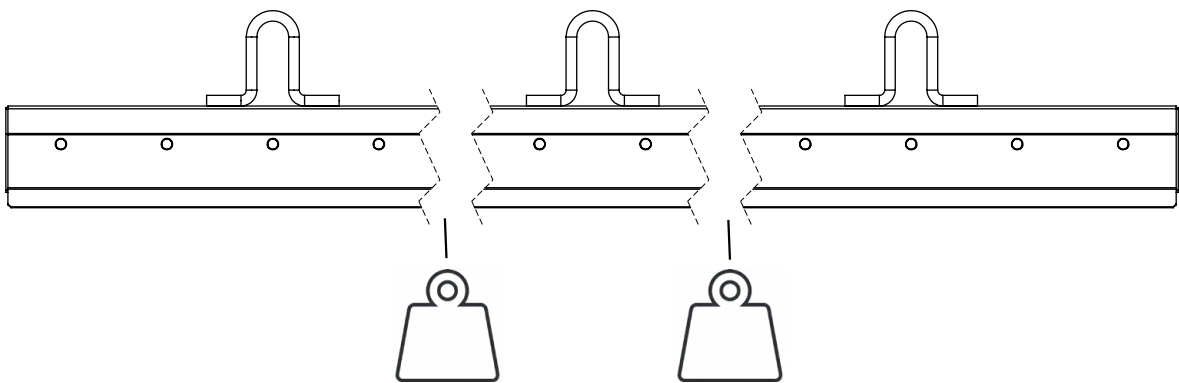
SF 2 corresponds to:

Elastic state: The mechanically load-bearing parts must be dimensioned so that they can withstand a static load corresponding to twice the load they must withstand under the intended operating conditions without permanent deformation occurring.

Load capacity - Crossbar T30

- The following was tested:
- Crossbar attached to all three brackets
 - loaded at two points between the tabs

- Results:
- No deformation occurs up to a load of 6,000 N (SF 2).
 - If the load is applied directly under the tabs, the hook will always give way first.



Crossbar	 per mounting point
T30.3000	300 KG / 3.000 N SF2

10 newtons (N) correspond to a weight of approximately 1 kg.

SF 2 corresponds to:
Elastic state: The mechanically load-bearing parts must be dimensioned so that they can withstand a static load corresponding to twice the load they must withstand under the intended operating conditions without permanent deformation occurring.

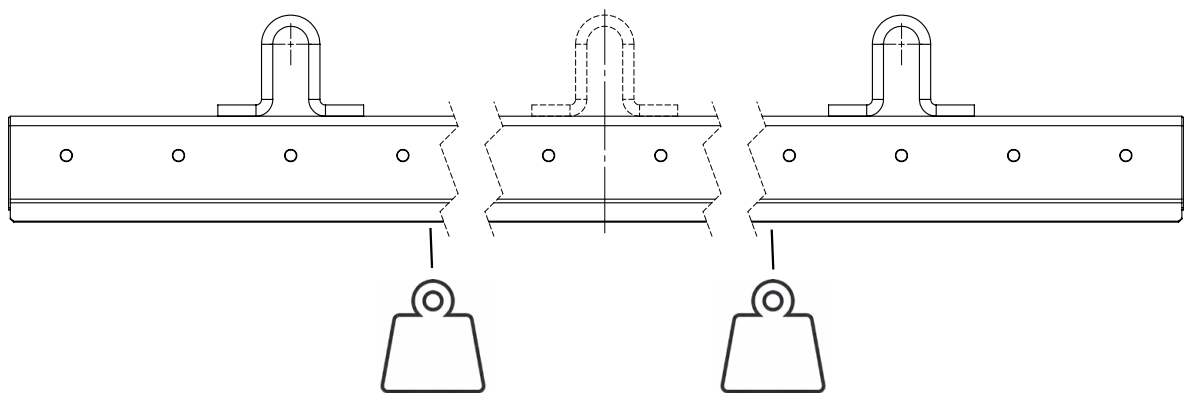
Load capacity - Crossbar T30

The following was tested:

- Crossbar attached to all three brackets
- loaded at two points between the outer tabs

Results:

- No deformation occurs up to a load of 5,000 N (SF 2).
- If the load is applied directly under the lugs, the hook will always give way first.



Crossbar	 1 per mounting point
T30.4000	250 KG / 2.500 N SF2

10 newtons (N) correspond to a weight of approximately 1 kg.

SF 2 corresponds to:

Elastic state: The mechanically load-bearing parts must be dimensioned so that they can withstand a static load corresponding to twice the load they must withstand under the intended operating conditions without permanent deformation occurring.

PLS | PROFILE RACK SYSTEM

The profile rack system offers mounting options for e.g. glazing beads and other profiles.

- Hanging sheets $t=1.5$ mm have a standard height of 8 mm.
- Staggered arms can be used in different variants can be arranged. Variant A is the standard.

Customised dimensions and solutions as well as other materials available on request. Read more in the section EMPTMEYER plus⁺.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Steel S235 JR



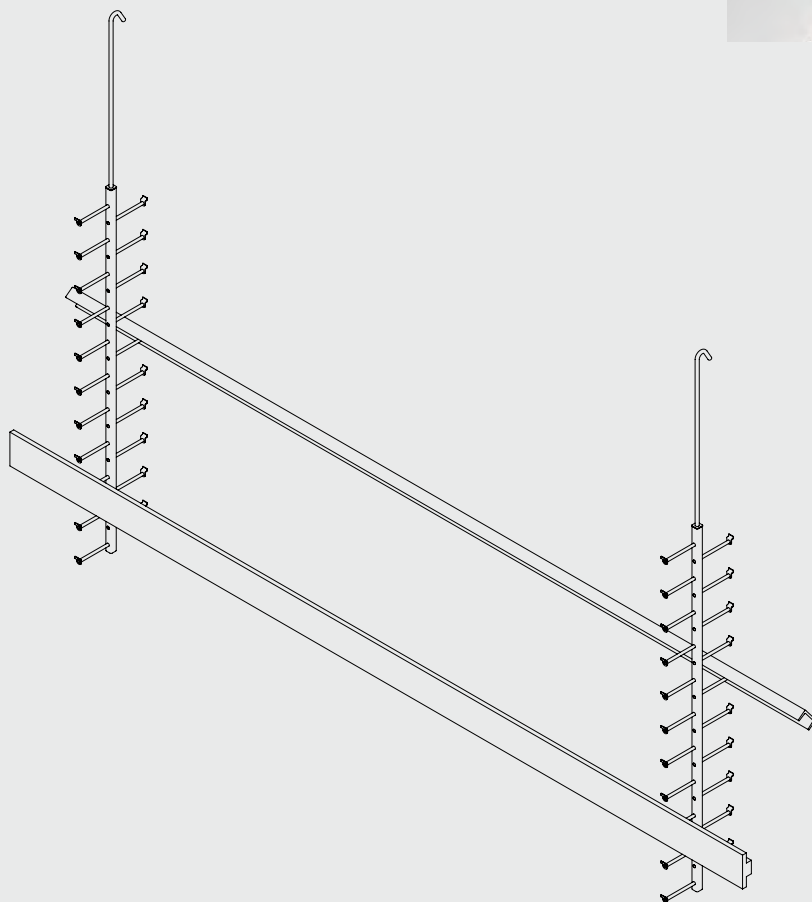
STOCK GOODS



1
PCS.

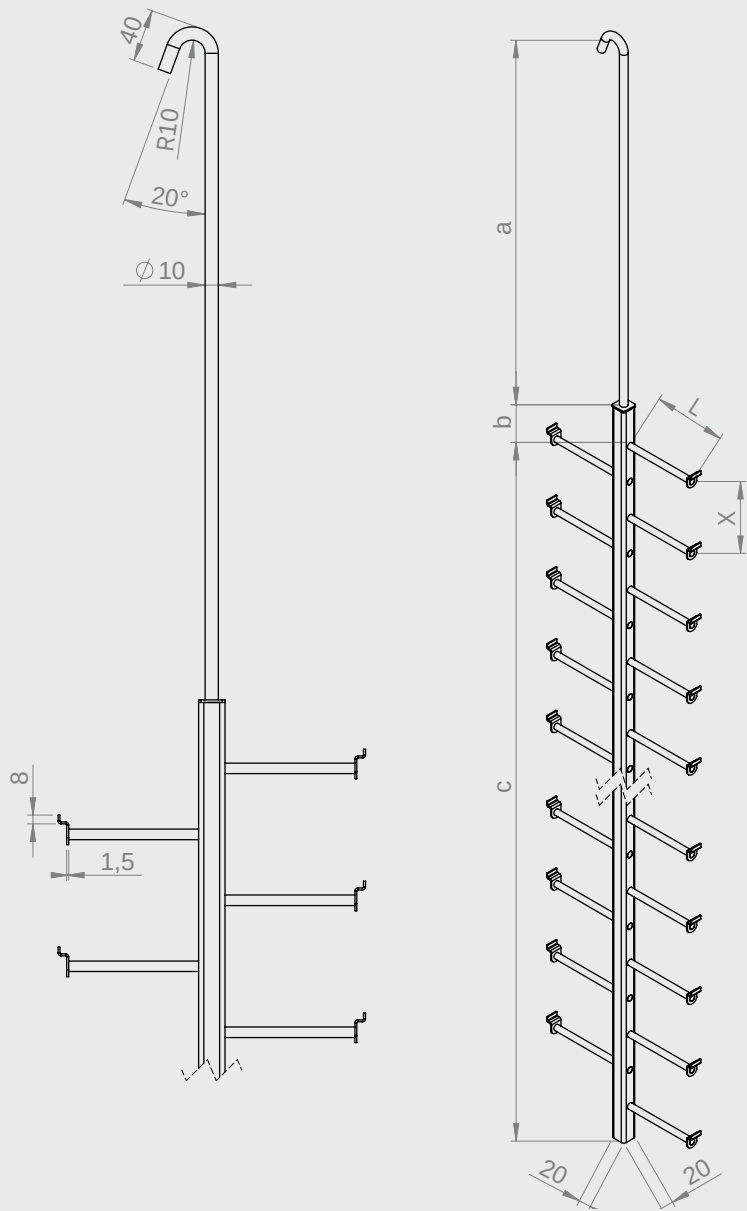


SPECIAL SIZES
ON REQUEST



ARTICLE NO.	a IN MM	b IN MM	c IN MM	L IN MM	X IN MM	NUMBER OF ARMS	VARIANT
PLS.1950.50.500.A	500	50	1.950	100	100	39	A

PROFILE RACK SYSTEM VARIANT A



LKS | METAL MATRIX FRAME

The metal matrix frame is a flexible hanging system for tubes and profiles. Different slide-in modules are available to hold the profiles, which are protected by a frame cover. This ensures optimal contacting as well as easy assembly and disassembly.

Customised dimensions and solutions as well as other materials available on request.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Stainless steel 1.4301



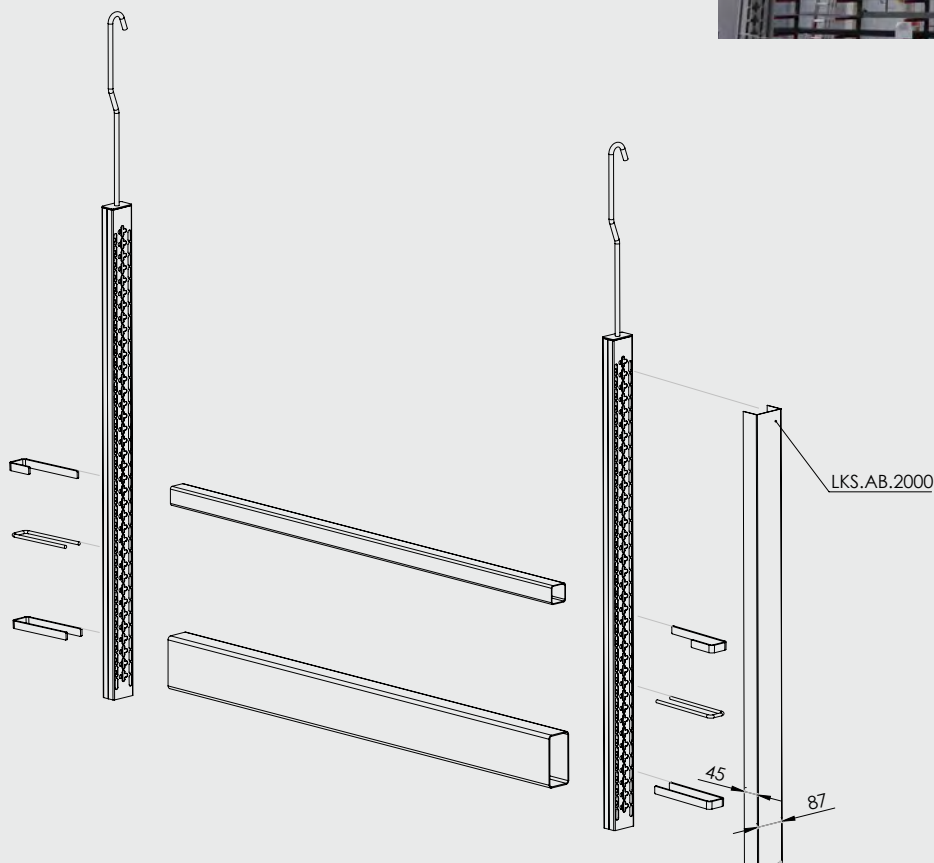
STOCK GOODS



1
PCS.



SPECIAL SIZES
ON REQUEST



METAL MATRIX FRAME
STAINLESS STEEL 1.4301

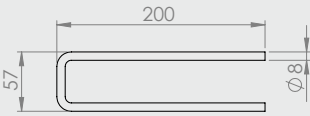
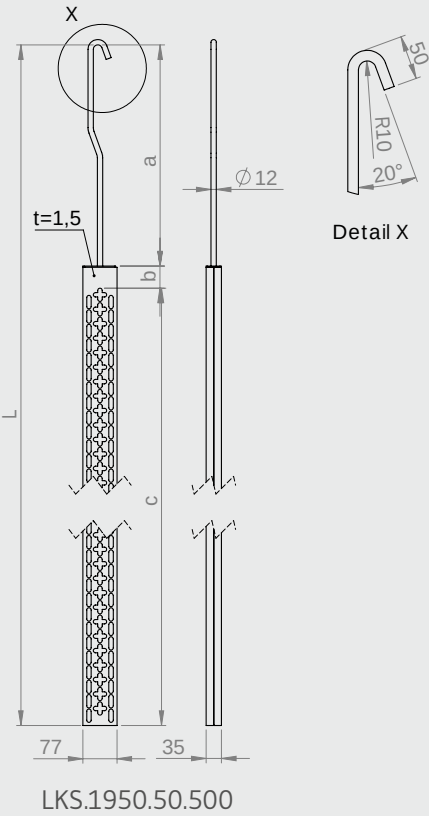
ARTICLE NO.	L IN MM	a IN MM	b IN MM	c IN MM
LKS.1950.50.500	2.500	500	50	1950

FRAME COVER

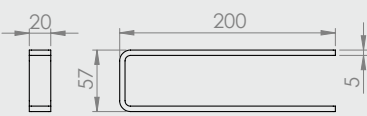
ARTICLE NO.	L IN MM	t IN MM	MATERIAL
LKS.AB.2000	2.000	1,50	S235JR
LKS.AB.2000.VA	2.000	1,50	1.4301

SLIDE-IN MODULES

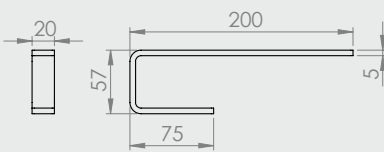
ARTICLE NO.	L IN MM	B IN MM	MATERIAL
LKS.ES.8.200.G	200	57	S235JR
LKS.ES.8.200.G.VA	200	57	1.4301
LKS.ES.20X5.200.G	200	57	S235JR
LKS.ES.20x5.200.G.VA	200	57	1.4301
LKS.ES.20X5.200.UG	200	57	S235JR



LKS.ES.8.200.G



LKS.ES.20X5.200.G



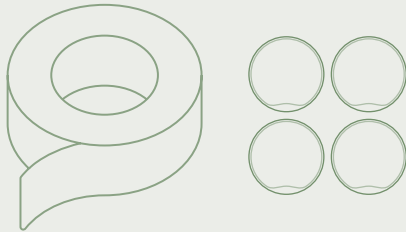
LKS.ES.20X5.200.UG

MASKING





MASKING



MASKING TAPE

GREEN

ARTICLE NO. AA
Page # 092

BLUE

ARTICLE NO. AD
Page # 094

CHAMOIS

ARTICLE NO. 4331
Page # 095

ELEPHANT SKIN

ARTICLE NO.. 4434
Page # 096

FIBREGLASS

ARTICLE NO. AF
Page # 097

AMBER

ARTICLE NO. AG
Page # 098

BEIGE

ARTICLE NO. AC
Page # 099

FLAT CREPE

ARTICLE NO. AB
Page # 100

CUTTING MACHINE

ARTICLE NO. 915.05.0
Page # 101

DISCS

GREEN

ARTICLE NO. RA
Page # 102

WISHBONE DISCS | GREEN

ARTICLE NO. RAA
Page # 104

YELLOW

ARTICLE NO. RC
Page # 105

SQUARE PUNCHED PARTS | GREEN

ARTICLE NO. EF
Page # 106

LABEL MATERIAL | GREEN

ARTICLE NO. RAB
Page # 107

MAGNETIC

ARTICLE NO. MR
Page # 108

COVERING PAPER

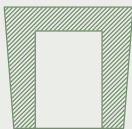
ARTICLE NO. MP
Page # 109

PLUGS



CONICAL PLUGS

ARTICLE NO. KS
Page # 110



CONICAL PLUGS
(HOLLOW)

ARTICLE NO. KSH
Page # 113



THREAD OUTLET
PLUGS

ARTICLE NO. FFG
Page # 115



COUNTERSUNK
PLUGS
(COUNTERSUNK SCREW)

ARTICLE NO. FFS
Page # 116



COUNTERSUNK
PLUGS
(CYLINDER HEAD SCREW)

ARTICLE NO. FFZ
Page # 117



MULTI TAPERED PLUGS

ARTICLE NO. TBS
Page # 118



FLANGELESS PLUGS

ARTICLE NO. ST
Page # 119



CYLINDRICAL PLUGS

ARTICLE NO. 902
Page # 121



WASHER PLUGS

ARTICLE NO. KSS
Page # 122



MOUSE TAILS

ARTICLE NO. MAE
Page # 123



CONICAL PLUG WITH A COLLAR

ARTICLE NO. KK
Page # 124



CYLINDRICAL PULL
PLUGS

ARTICLE NO. ZZ
Page # 125

PLUGS



**CYLINDRICAL PULL
PLUGS
WITH COLLAR**

ARTICLE NO. ZZB
Page # 127



METRIC PLUGS
ARTICLE NO. MET
Page # 128



**METRIC THREADED
PLUGS**
ARTICLE NO. GTM
Page # 129



**METRIC PLUGS
HOLLOW**
ARTICLE NO. MSH
Page # 130



**DOUBLE FLANGE
PLUGS**
ARTICLE NO. DZS
Page # 131

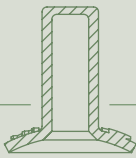


**BLIND RIVET NUT
PLUGS**
ARTICLE NO. SBM
Page # 132



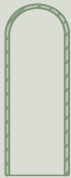
**THREADED BOLT WITH
SILICONE SEAL AND
SUSPENSION EYE**
ARTICLE NO. GB
Page # 133

CAPS



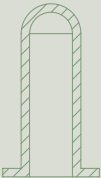
CAPS WITH A COLLAR

ARTICLE NO. KAB
Page # 134



CAPS

ARTICLE NO. KA
Page # 135



CAP WITH COLLAR

ARTICLE NO. AK
Page # 138



FLAT TOP CAPS (STRAIGHT)

ARTICLE NO. KAA
Page # 140



CLOSING CAPS

ARTICLE NO. VK
Page # 142



CAPS WITH A REMOVING AID

ARTICLE NO. KMA
Page # 143



FLAT CONNECTION CAPS

ARTICLE NO. 903
Page # 144



TUBE TRIMMER

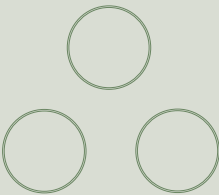
ARTICLE NO. 912.00.0
Page # 150

TUBE



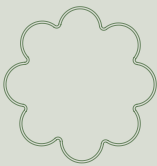
RUBBER TUBE

ARTICLE NO. AS
Page # 146



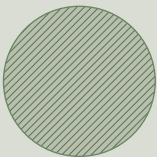
TUBE CUTS

ARTICLE NO. SCA
Page # 147



STARTUBE

ARTICLE NO. SST
Page # 148



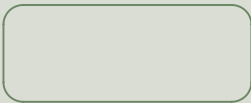
ROUND FOAM CORDS

ARTICLE NO. SC
Page # 149



SQUARE FOAM CORDS

ARTICLE NO. SC.X
Page # 150



SPRING STEEL MASKING SHEET

ARTICLE NO. BL
Page # 151

AA | MASKING TAPE | GREEN

Attention!
In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS
Powder coating, Wet painting and KTL

MATERIAL
Polyester (adhesive: silicone)



STOCK GOODS



220° C
HEAT
RESISTANT



TEAR
RESISTANT



66 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



PLOTTER
PARTS



THICKNESS
0,08 MM



ADHESIVE
STRENGTH
8 N/25 MM



EMPTMEYER MASKING TAPE

ARTICLE NO.	WIDTH IN MM	ARTICLE NO.	WIDTH IN MM
AA.0050	5,00	AA.0190	19,00
AA.0060	6,00	AA.0200	20,00
AA.0070	7,00	AA.0220	22,00
AA.0080	8,00	AA.0250	25,00
AA.0090	9,00	AA.0280	28,00
AA.0100	10,00	AA.0300	30,00
AA.0120	12,00	AA.0320	32,00
AA.0130	13,00	AA.0350	35,00
AA.0150	15,00	AA.0380	38,00
AA.0160	16,00	AA.0400	40,00
AA.0170	17,00	AA.0430	43,00

ARTICLE NO.	WIDTH IN MM
AA.0450	45,00
AA.0500	50,00
AA.0550	55,00
AA.0600	60,00
AA.0650	65,00
AA.0700	70,00
AA.0750	75,00
AA.0760	76,00
AA.0800	80,00
AA.0850	85,00
AA.0900	90,00
AA.0950	95,00

ARTICLE NO.	WIDTH IN MM
AA.1000	100,00
AA.1200	120,00
AA.1250	125,00
AA.1300	130,00
AA.1400	140,00
AA.1500	150,00
AA.1600	160,00
AA.1700	170,00
AA.1800	180,00
AA.2000	200,00
AA.3000	300,00
AA.5000	500,00

* All desired widths between 2.00 mm and 1,020.00 mm are available on request!

AD | MASKING TAPE | BLUE

The blue masking tape is very elastic as it is only 0.06 mm thick. This makes it ideal for masking difficult contours.

Attention!
In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS
Powder coating, Wet painting and KTL

MATERIAL
Polyester (adhesive: silicone)



STOCK GOODS



220° C
HEAT
RESISTANT



TEAR
RESISTANT



66 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



PLOTTER
PARTS



THICKNESS
0,06 MM



ADHESIVE
STRENGTH
7 N/25 MM



EMPTMEYER MASKING TAPE

ARTICLE NO.	WIDTH IN MM	ARTICLE NO.	WIDTH IN MM
AD.0100	10,00	AD.0600	60,00
AD.0150	15,00	AD.0650	65,00
AD.0200	20,00	AD.0700	70,00
AD.0250	25,00	AD.0750	75,00
AD.0300	30,00	AD.0800	80,00
AD.0350	35,00	AD.0850	85,00
AD.0400	40,00	AD.0900	90,00
AD.0450	45,00	AD.0950	95,00
AD.0500	50,00	AD.1000	100,00
AD.0550	55,00		

* All desired widths between 2.00 mm and 500.00 mm are available on request!

4331 | MASKING TAPE | CHAMOIS

This masking tape is well suited for rough surfaces.

Attention!
In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Powder coating, Wet painting and KTL

MATERIAL

PET fleece (adhesive: silicone)



STOCK GOODS



220° C
HEAT
RESISTANT



50 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



THICKNESS
0,11 MM



ADHESIVE
STRENGTH
4 N/10 MM



ARTICLE NO.	WIDTH IN MM	ARTICLE NO.	WIDTH IN MM
4331.010	10,00	4331.060	60,00
4331.015	15,00	4331.065	65,00
4331.020	20,00	4331.070	70,00
4331.025	25,00	4331.075	75,00
4331.030	30,00	4331.080	80,00
4331.035	35,00	4331.085	85,00
4331.040	40,00	4331.090	90,00
4331.045	45,00	4331.095	95,00
4331.050	50,00	4331.100	100,00
4331.055	55,00		

* All desired widths between 5.00 mm and 1,230.00 mm are available on request!

4431 | MASKING TAPE | ELEPHANT SKIN

Attention!

In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Sandblasting and Grinding

MATERIAL

Crepe paper (adhesive: natural rubber)



STOCK GOODS



100° C
HEAT
RESISTANT



10 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



THICKNESS
0,67 MM



ADHESIVE
STRENGTH
3,5 N/10 MM

New!
available from stock



EMPTMEYER MASKING TAPE

ARTICLE NO.	WIDTH IN MM
4434.015	15,00
4434.050	50,00
4434.500	20,00

* All desired widths between 2.00 mm and 1,230.00 mm are available on request!

AF | MASKING TAPE | FIBREGLASS

Attention!

In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Powder coating, Wet painting, KTL and Sandblasting

MATERIAL

Fiberglas (adhesive: silicone)



STOCK GOODS



260° C
HEAT
RESISTANT



30 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



THICKNESS
0,18 MM



ADHESIVE
STRENGTH
7 N/25 MM



ARTICLE NO.	WIDTH IN MM	ARTICLE NO.	WIDTH IN MM
AF.0100	10,00	AF.0600	60,00
AF.0150	15,00	AF.0650	65,00
AF.0200	20,00	AF.0700	70,00
AF.0250	25,00	AF.0750	75,00
AF.0300	30,00	AF.0800	80,00
AF.0350	35,00	AF.0850	85,00
AF.0400	40,00	AF.0900	90,00
AF.0450	45,00	AF.0950	95,00
AF.0500	50,00	AF.1000	100,00
AF.0550	55,00		

* All desired widths between 5.00 mm and 500.00 mm are available on request!

AG | MASKING TAPE | AMBER

Attention!

In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Powder coating, Wet painting and KTL

MATERIAL

Polyimid (adhesive: silicone)



STOCK GOODS



260° C
HEAT
RESISTANT



TEAR
RESISTANT



33 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



PLOTTER
PARTS



THICKNESS
0,06 MM



ADHESIVE
STRENGTH
5 N/25 MM



EMPTMEYER MASKING TAPE

ARTICLE NO.	WIDTH IN MM	ARTICLE NO.	WIDTH IN MM
AG.0100	10,00	AG.0600	60,00
AG.0150	15,00	AG.0650	65,00
AG.0200	20,00	AG.0700	70,00
AG.0250	25,00	AG.0750	75,00
AG.0300	30,00	AG.0800	80,00
AG.0350	35,00	AG.0850	85,00
AG.0400	40,00	AG.0900	90,00
AG.0450	45,00	AG.0950	95,00
AG.0500	50,00	AG.1000	100,00
AG.0550	55,00		

* All desired widths between 2.00 mm and 500.00 mm are available on request!

AC | MASKING TAPE | BEIGE

Attention!

In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Wet painting

MATERIAL

Flat crepe paper (adhesive: Rubber)



STOCK GOODS



180° C
HEAT
RESISTANT



55 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



PLOTTER
PARTS



THICKNESS
0,16 MM



ADHESIVE
STRENGTH
8 N/25 MM



ARTICLE NO.	WIDTH IN MM	ARTICLE NO.	WIDTH IN MM
AC.0100	10,00	AC.0600	60,00
AC.0150	15,00	AC.0650	65,00
AC.0200	20,00	AC.0700	70,00
AC.0250	25,00	AC.0750	75,00
AC.0300	30,00	AC.0800	80,00
AC.0350	35,00	AC.0850	85,00
AC.0380	38,00	AC.0900	90,00
AC.0400	40,00	AC.0950	95,00
AC.0450	45,00	AC.1000	100,00
AC.0500	50,00		
AC.0550	55,00		

* All desired widths between 5.00 mm and 730.00 mm are available on request!

AB | FLAT CREPE MASKING TAPE

Attention!
In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Wet painting

MATERIAL

Flat crepe paper (adhesive: Rubber)



STOCK GOODS



80° C
HEAT
RESISTANT



55 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



THICKNESS
0,12 MM



ADHESIVE
STRENGTH
5 N/25 MM



EMPTMEYER MASKING TAPE

ARTICLE NO.	WIDTH IN MM	ARTICLE NO.	WIDTH IN MM
AB.0100	10,00	AB.0600	60,00
AB.0150	15,00	AB.0650	65,00
AB.0200	20,00	AB.0700	70,00
AB.0250	25,00	AB.0750	75,00
AB.0300	30,00	AB.0800	80,00
AB.0350	35,00	AB.0850	85,00
AB.0400	40,00	AB.0900	90,00
AB.0450	45,00	AB.0950	95,00
AB.0500	50,00	AB.1000	100,00
AB.0550	55,00		

* All desired widths between 5.00 mm and 1,250.00 mm are available on request!

915.05.0 | CUTTING MACHINE

The tape length is programmable in millimetre steps. Up to 6 different lengths can be programmed.

The preset lengths can be called up via the Select key or dispensed (worked through) consecutively via the automatic cycle. The number of lengths to be dispensed can also be programmed.

It is possible to enter the length and the number of pieces via the keyboard.



STOCK GOODS



SAMPLE ON COMMISSION



1 PCS.



ARTICLE NO.	TAPE WIDTH IN MM	TAPE LENGTH IN MM	ROLL DIAMETER IN MM	NUMBER OF ROLLS	GUARANTEE
915.05.0	6 - 60	5 - 999	300	2	NEIN
915.05.0.P	6 - 60	5 - 999	300	2	JA

ARTICLE NO.	DESCRIPTION
915.05.1	CUTTING DEVICE

RA | DISCS | GREEN

Attention!
In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS
Powder coating, Wet painting and KTL

MATERIAL
Polyester (adhesive: silicone)



STOCK GOODS



220° C
HEAT
RESISTANT



TEAR
RESISTANT



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



THICKNESS
0,08 MM



ADHESIVE
STRENGTH
8 N/25 MM



EMPTMEYER DISCS

ARTICLE NO.	PCS./ ROLL	Ø IN MM
RA.0060	2.000	6,00
RA.0070	2.000	7,00
RA.0080	2.000	8,00
RA.0090	2.000	9,00
RA.0100	2.000	10,00
RA.0120	2.000	12,00
RA.0130	2.000	13,00
RA.0140	2.000	14,00
RA.0150	2.000	15,00
RA.0160	2.000	16,00
RA.0170	1.000	17,00
RA.0180	1.000	18,00
RA.0190	1.000	19,00
RA.0200	1.000	20,00
RA.0220	1.000	22,00

ARTICLE NO.	PCS./ ROLL	Ø IN MM
RA.0240	1.000	24,00
RA.0250	1.000	25,00
RA.0260	1.000	26,00
RA.0280	1.000	28,00
RA.0300	1.000	30,00
RA.0320	1.000	32,00
RA.0350	1.000	35,00
RA.0380	1.000	38,00
RA.0400	500	40,00
RA.0420	500	42,00
RA.0450	500	45,00
RA.0460	500	46,00
RA.0500	500	50,00

ARTICLE NO.	PCS./ ROLL	Ø IN MM
RA.0550	500	55,00
RA.0600	500	60,00
RA.0650	500	65,00
RA.0700	500	70,00
RA.0800	500	80,00
RA.0850	500	85,00
RA.0900	500	90,00
RA.0950	500	95,00
RA.1000	500	100,00
RA.1100	250	110,00
RA.1200	250	120,00
RA.1300	250	130,00
RA.1600	150	160,00

* All desired widths are available on request!

RAA | WISHBONE DISCS | GREEN

Attention!

In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Powder coating, Wet painting and KTL

MATERIAL

Polyester (adhesive: silicone)



STOCK GOODS



220° C
HEAT
RESISTANT



TEAR
RESISTANT



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



THICKNESS
0,08 MM



ADHESIVE
STRENGTH
8 N/25 MM



EMPTMEYER DISCS

ARTICLE NO.	PCS./ ROLL	Ø IN MM
RAA.0120	500	12,00
RAA.0151	500	15,10
RAA.0200	500	20,00
RAA.0222	500	22,20
RAA.0254	500	25,40
RAA.0302	500	30,20
RAA.0349	500	34,90
RAA.0540	100	54,00

RC | DISCS | YELLOW

Attention!

In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS

Wet painting

MATERIAL

Flat crepe paper (adhesive: rubber)



STOCK GOODS



180° C
HEAT
RESISTANT



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



THICKNESS
0,16 MM



ADHESIVE
STRENGTH
8 N/25 MM



ARTICLE NO.	PCS./ ROLL	Ø IN MM
RC.0100	5.000	10,00
RC.0200	2.000	20,00
RC.0250	2.000	25,00
RC.0300	2.000	30,00
RC.0400	2.000	40,00
RC.0450	1.000	45,00
RC.0500	500	50,00
RC.0600	500	60,00
RC.0700	500	70,00
RC.0750	500	75,00
RC.0800	500	80,00
RC.0900	500	90,00
RC.1000	250	100,00
RC.1200	250	120,00
RC.1524	250	152,40

* All desired widths are available on request!

EF | SQUARE PUNCHED PARTS | GREEN

Attention!
In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS
Powder coating, Wet painting and KTL

MATERIAL
Polyester (adhesive: silicone)



STOCK GOODS



220° C
HEAT
RESISTANT



TEAR
RESISTANT



REQUEST
SAMPLE



1
ROLL



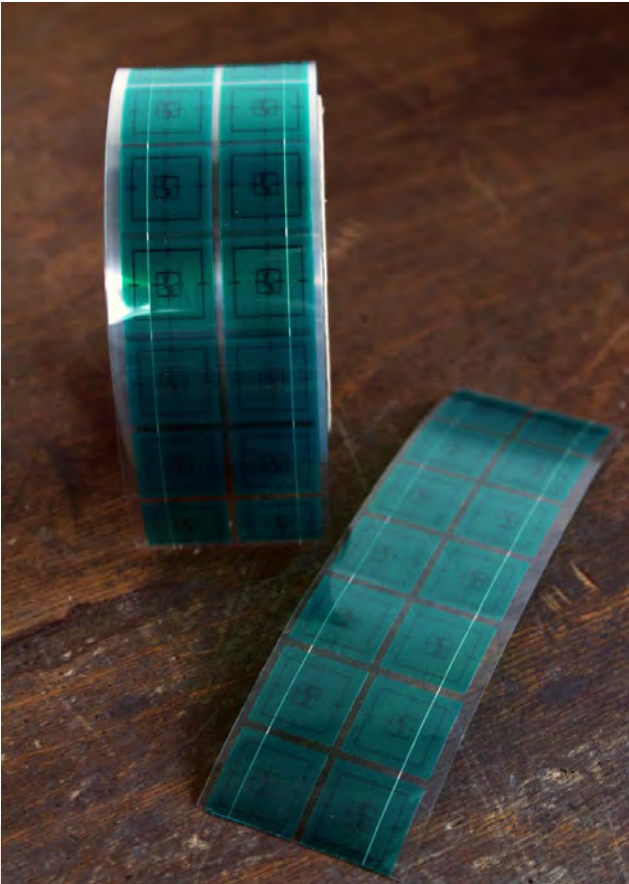
SPECIAL SIZES
ON REQUEST



THICKNESS
0,08 MM



ADHESIVE
STRENGTH
8 N/25 MM



EMPTMEYER DISCS

ARTICLE NO.	PCS./ ROLL	L x B IN MM
EF.010	2.000	10 x 10
EF.020	1.000	20 x 20
EF.030	1.000	30 x 30
EF.040	500	40 x 40
EF.050	500	50 x 50

RAB | LABEL MATERIAL | GREEN

Attention!
In case of two-colour coating (colour in colour), be sure to test beforehand!

APPLICATION AREAS
Powder coating, Wet painting and KTL

MATERIAL
Polyester (adhesive: silicone)



STOCK GOODS



220° C
HEAT
RESISTANT



TEAR
RESISTANT



66 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



PLOTTER
PARTS



THICKNESS
0,08 MM



ADHESIVE
STRENGTH
8 N/25 MM



ARTICLE NO.	WIDTH IN MM
RAB.0300	300,00
RAB.0400	400,00
RAB.0420	420,00
RAB.0500	500,00
RAB.0600	600,00
RAB.0610	610,00

MR | MAGNETIC DISCS

Magnetic discs for masking surfaces and closing tube ends.

APPLICATION AREAS

Powder coating and Wet painting

MATERIAL

Silicone and magnets



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



1
BOX



SPECIAL SIZES
ON REQUEST

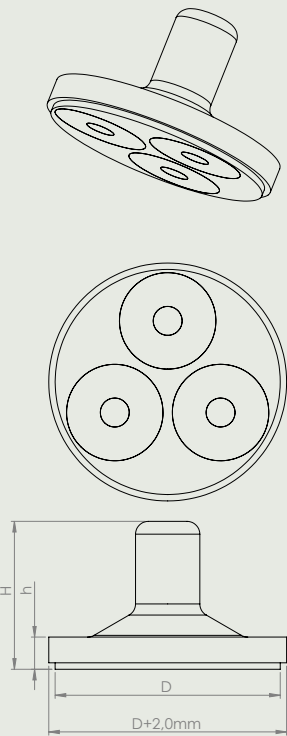


55 +/- 5
SHORE
HARDNESS

Other sizes
available



ARTICLE NO.	PCS./ BOX	D IN MM	H IN MM	h IN MM
MR.020	100	20,00	23,00	5,00
MR.025	100	25,00	23,00	5,00
MR.030	100	30,00	23,00	5,00
MR.035	100	35,00	23,00	5,00
MR.040	100	40,00	23,00	5,00
MR.045	100	45,00	25,00	5,00
MR.050	100	50,00	32,50	5,50
MR.055	100	55,00	27,50	5,50
MR.060	100	60,00	32,50	5,50
MR.065	100	65,00	32,50	5,50
MR.070	100	70,00	31,50	5,50
MR.075	100	75,00	32,50	5,50
MR.080	100	80,00	32,50	5,50
MR.085	100	85,00	32,50	5,50
MR.090	100	90,00	32,50	5,50
MR.095	100	95,00	32,50	5,50
MR.100	100	100,00	32,50	5,50
MR.105	100	105,00	32,50	5,50
MR.110	100	110,00	32,50	5,50



EMPTMEYER DISCS

MP | MASKING PAPER

Masking paper for masking large areas. The green masking tape can be used to fix the masking paper.

APPLICATION AREAS

Powder coating and Wet painting

MATERIAL

Solvent resistant paper



STOCK GOODS



220° C
HEAT
RESISTANT



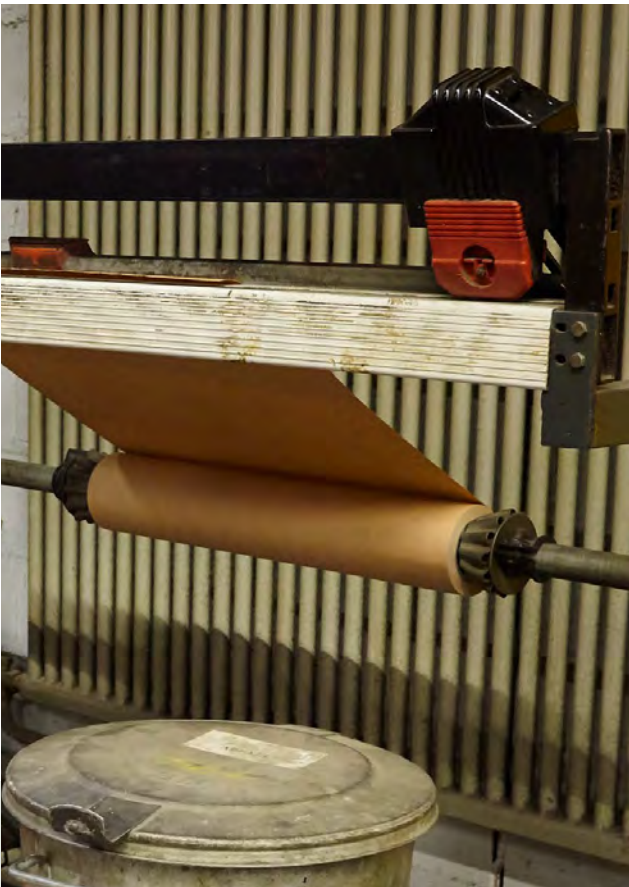
REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	WIDTH IN MM	M²/ ROLL
MP.200	200	100
MP.400	400	200
MP.600	600	300

KS | CONICAL PLUGS

Conical plugs for masking, for example, threaded holes, fits, bores, etc.

APPLICATION AREAS

Powder coating, Wet painting, KTL and Sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



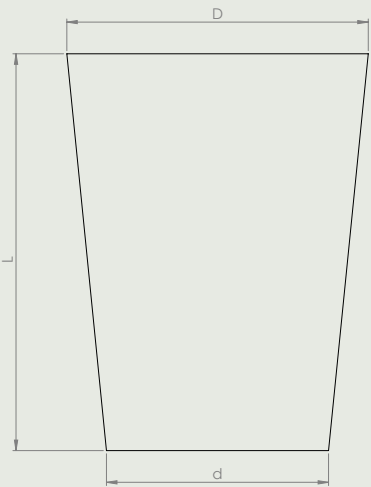
1
BOX



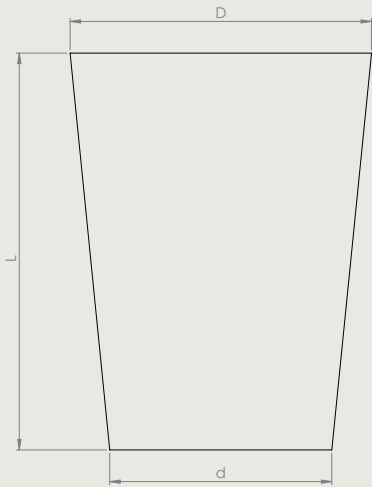
SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
KS.0100.L	100	0,80	2,54	16,50		YELLOW
KS.0125.N	100	1,60	3,20	16,50	M3	PINK
KS.0187.LW	100	1,60	4,75	19,00		BROWN
KS.0187.T	100	2,80	4,70	10,00		TRANSPARENT
KS.0187.Y	100	1,60	4,75	16,50	M4	WHITE
KS.0197	100	1,20	5,00	27,90		GREEN
KS.0200.U	100	1,60	5,08	19,00		BLUE
KS.0216.R	100	1,20	5,50	38,10		PINK
KS.0250.G	100	3,20	6,30	19,00	M5	GREEN
KS.0250.LG	100	3,20	6,30	25,40		RED
KS.0343.L	100	4,80	8,70	25,40	M6 + M8	RED
KS.0343.U	100	4,80	8,70	16,50		BLUE
KS.0354	100	4,50	9,00	25,00		IVORY
KS.0375.L	100	3,20	9,50	31,80		YELLOW
KS.0375.L	100	6,30	9,50	19,00		YELLOW
KS.0375.G	100	6,40	9,50	12,70		YELLOW
KS.0393	100	6,00	10,00	20,00		BLUE
KS.0394	100	5,00	10,00	48,00		WHITE
KS.0437.P	100	6,35	11,10	25,40	M10	RED
KS.0438	100	8,73	11,12	17,47		BLACK
KS.0472	100	9,00	12,00	18,00	M12	RED
KS.0500.L	100	3,20	12,70	50,80		BROWN
KS.0500.G	100	7,92	14,11	28,75		BROWN
KS.0500.LG	100	7,92	12,70	25,40		BROWN
KS.0563	100	9,52	14,30	25,40	M14	BLUE
KS.0590	100	10,00	15,00	25,00		LILA
KS.0625	100	11,11	15,87	20,63	M16	GREEN
KS.0656	100	12,70	16,66	25,40		TRANSPARENT
KS.0669	100	13,00	17,00	25,00	M18	RED
KS.0687	100	11,10	17,40	25,40		TRANSPARENT
KS.0748	100	14,00	19,00	25,00	M20	BLACK
KS.0787	100	16,00	20,00	25,00		RED
KS.0938	100	18,00	24,00	25,00	M24	YELLOW
KS.0945.B	100	19,00	24,00	18,64		BLACK
KS.0990	100	22,00	25,10	20,20		TRANSPARENT
KS.1024	100	20,00	26,00	25,00		TRANSPARENT
KS.1063	100	23,00	27,00	25,00	M30	TRANSPARENT



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
KS.1102	100	24,00	28,00	25,00		TRANSPARENT
KS.1220	100	25,00	31,00	30,00		TRANSPARENT
KS.1260	100	26,00	32,00	25,00		TRANSPARENT
KS.1338	100	27,00	34,00	25,00	M36	TRANSPARENT
KS.1456	50	30,00	37,00	25,00		TRANSPARENT
KS.1535	100	31,00	39,00	25,00		TRANSPARENT
KS.1614	50	33,00	41,00	25,00	M42	TRANSPARENT
KS.1693	50	36,00	43,00	25,00		TRANSPARENT
KS.1968	50	42,00	50,00	25,00		TRANSPARENT
KS.2086	50	45,00	53,00	25,00		TRANSPARENT
KS.2677	20	58,00	68,00	25,00		TRANSPARENT
KS.2953	20	62,00	75,00	35,00		TRANSPARENT

KSH | CONICAL PLUGS (HOLLOW)

Conical plugs (hollow) for masking, for example, threaded holes, fits, bores, etc.

APPLICATION AREAS

Powder coating, Wet painting, KTL and Sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



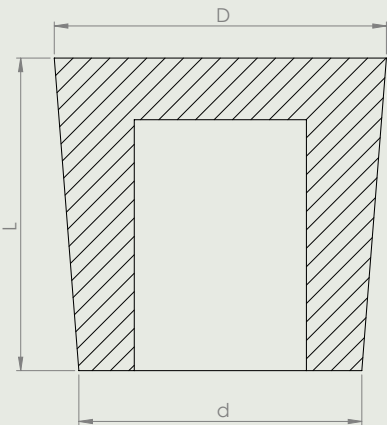
1
BOX

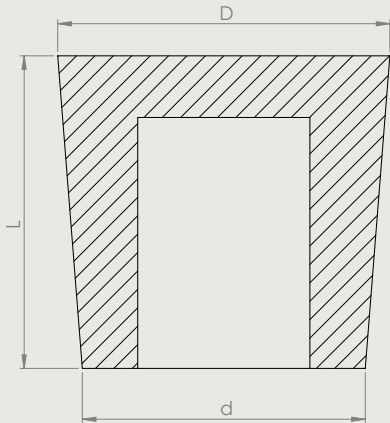


SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS





ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
KSH.4015	100	3,80	14,80	49,10		RUSTY RED
KSH.1102	100	24,00	28,00	25,40		RUSTY RED
KSH.1260	50	26,00	32,00	25,40		YELLOW
KSH.1338	50	27,00	34,00	25,40	M36	BROWN
KSH.1535	50	31,00	39,00	25,40		TRANSPARENT
KSH.1614	25	33,00	41,00	25,40	M42	RED
KSH.1693	25	36,00	43,00	25,40		GREY
KSH.1810	25	38,00	46,00	25,40		WHITE
KSH.1968	25	42,00	50,00	25,40	M48	BROWN
KSH.2086	25	45,00	53,00	25,40	M56	GREEN
KSH.2480	20	50,00	63,00	25,40	M64	BROWN
KSH.2677	10	58,00	68,00	25,40		TRANSPARENT
KSH.2953	10	62,00	75,00	25,40		RED
KSH.3010	10	73,00	77,00	25,40		TRANSPARENT
KSH.3543	10	75,00	90,00	39,00		GREY
KSH.5000	10	90,00	127,00	50,80		WHITE

FFG | THREAD OUTLET PLUGS

Moulded plugs for masking metric thread sizes. The additional shadow gap minimises a possible paint chipping edge.

Attention! To ensure that no or only a very slight paint chipping edge forms, it is important that the plug is only pressed into the thread as far as the first bulge.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



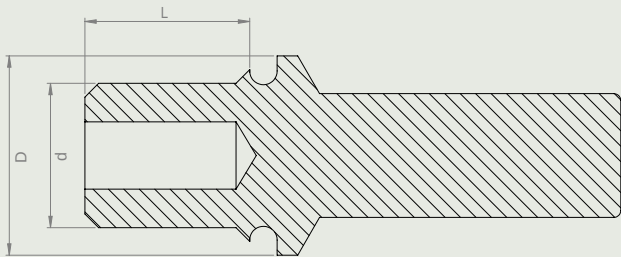
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
FFG.04	100	3,40	5,20	6,40	M4	WHITE
FFG.05	100	4,30	6,70	6,40	M5	GREEN
FFG.06	100	5,20	7,80	6,70	M6	BLUE
FFG.08	100	7,20	9,20	8,80	M8	YELLOW
FFG.10	100	8,80	12,20	10,00	M10	RUSTY RED
FFG.12	100	10,60	14,50	12,00	M12	RED
FFG.16	100	14,40	18,80	13,00	M16	GREEN

FFS | COUNTERSUNK PLUGS (COUNTERSUNK SCREW)

Moulded plugs for masking counterbores according to DIN 74 - F8 (Form F). The additional shadow gap minimises a possible paint chipping edge.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



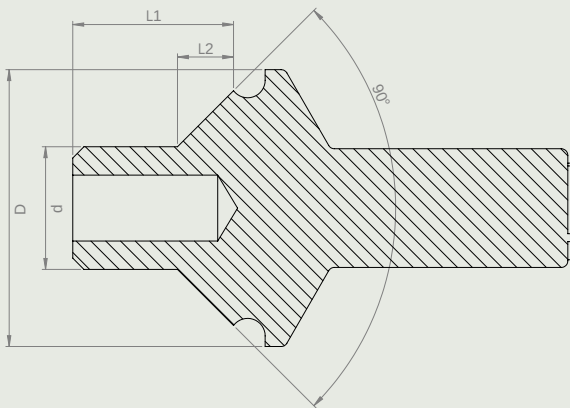
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER PLUGS

ARTICLE NO.	PCS./ BOX	Ø d IN MM	D IN MM	L1 IN MM	L2 IN MM	THREAD	COLOUR
FFS.04	100	4,60	12,00	9,30	2,30	M4	WHITE
FFS.05	100	5,60	14,50	9,90	2,90	M5	GREEN
FFS.06	100	6,80	16,30	11,30	3,30	M6	BLUE
FFS.08	100	9,30	21,00	12,30	4,30	M8	YELLOW
FFS.10	100	11,30	25,90	15,00	5,50	M10	RUSTY RED
FFS.12	100	13,90	30,80	16,50	6,50	M12	RED
FFS.16	100	18,00	38,40	18,90	7,90	M16	GREEN

FFZ | COUNTERSUNK PLUGS (CYLINDER HEAD SCREW)

Moulded plugs for masking counterbores according to DIN 974-1, Series 1.

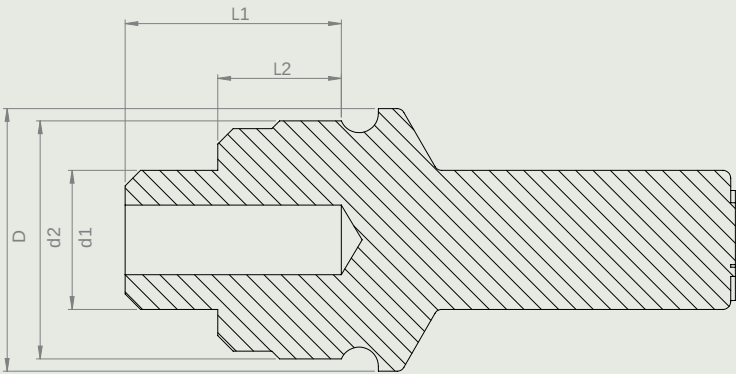
The additional shadow gap minimises a possible paint chipping edge.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



ARTICLE NO.	PCS./ BOX	Ø d1 IN MM	Ø d2 IN MM	D IN MM	L1 IN MM	L2 IN MM	COLOUR
FFZ.04	100	4,50	8,20	10,00	9,80	3,80	WHITE
FFZ.05	100	5,50	10,30	12,00	10,80	4,80	GREEN
FFZ.06	100	6,60	11,30	13,40	11,80	5,80	BLUE
FFZ.08	100	9,00	15,40	17,00	14,00	8,00	YELLOW
FFZ.10	100	11,00	18,60	20,40	16,00	10,00	RUSTY RED
FFZ.12	100	13,50	20,60	22,80	18,00	12,00	RED
FFZ.16	100	17,50	26,80	29,40	22,00	16,00	GREEN

TBS | MULTI TAPERED PLUGS

Multi tapered plugs for masking threaded holes, fits, bores, etc. Due to the conical design, one plug can be used for several diameters. Furthermore, the plug has a corrugation that ensures a tight fit as well as a high density in the holes.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



1
BOX



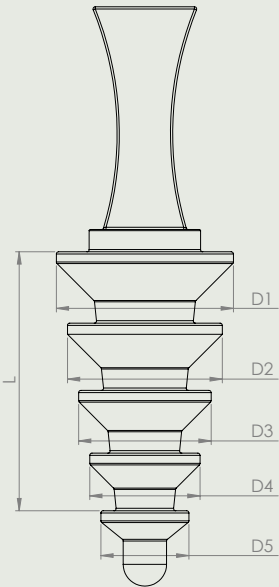
SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER PLUGS



ARTICLE NO.	PCS./ BOX	D1 IN MM	D2 IN MM	D3 IN MM	D4 IN MM	D5 IN MM	L IN MM	COLOUR
TBS.01018	100	18,00	16,00	14,00	12,00	10,00	22,70	GREEN
TBS.04012	100	12,00	10,00	8,00	6,00	4,00	13,70	BLUE
TBS.08016	100	16,00	14,00	12,00	10,00	8,00	23,00	RED

ST | FLANGELESS PLUGS

Flangeless plugs for masking, for example, threaded holes, fits, bores, etc. Due to the ribbing, this plug has a tight fit as well as a high density in threaded holes.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



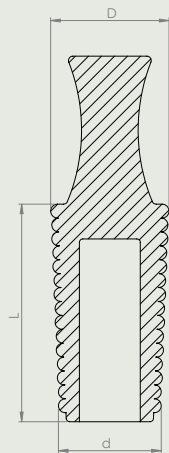
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BOX



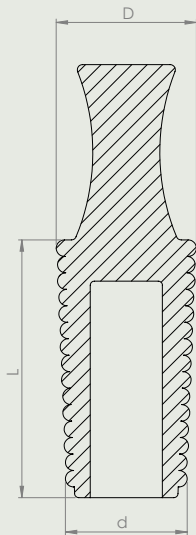
SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
ST.00402.S	100	2,00	4,00	19,00	M4	PINK
ST.00604.S	100	4,00	6,00	25,40	M5 + M6	TRANSPARENT
ST.00806.S	100	6,00	8,00	25,40	M8	GREY
ST.01008.S	100	8,00	10,00	25,40	M10	RUSTY RED
ST.01108.S	100	8,00	10,30	25,40		GREEN



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
ST.01210	100	10,00	12,00	25,40		BLUE
ST.01412.S	100	12,00	14,00	25,40		TRANSPARENT
ST.01614.S	100	14,00	16,00	25,40		GREY
ST.01816.S	100	16,00	18,00	25,40		RUSTY RED
ST.02219.S	100	19,00	22,20	25,40	M24	YELLOW
ST.02220.S	50	20,00	22,50	25,40		WHITE
ST.02422.S	50	22,50	24,00	25,40		GREY
ST.02522.S	50	22,20	25,40	25,40		BLUE
ST.02624.S	50	24,00	26,00	25,40		BROWN
ST.02826.S	50	26,00	28,00	25,40		BLUE
ST.03128.S	50	28,60	31,70	25,40		YELLOW

902 | CYLINDRICAL PLUGS

Cylindrical plugs for masking threaded holes, fits, bores, etc. The plugs can always be used for two metric threaded holes.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



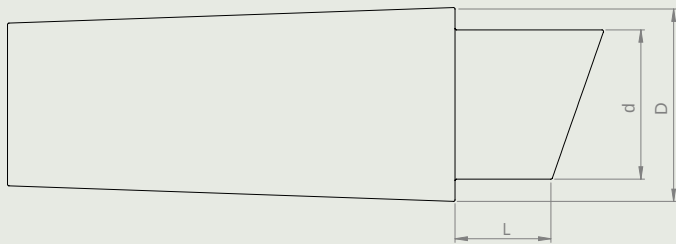
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
902.20.0	100	3,40	4,00	6,70	M4/M5	YELLOW
902.30.0	100	4,30	5,20	7,50	M5/M6	BLACK
902.40.0	100	5,10	6,20	7,50	M6/M8	GREEN
902.50.0	100	6,90	8,00	10,00	M8/M10	RED
902.60.0	100	8,50	10,40	13,00	M10/M12	BLUE
902.70.0	100	10,50	12,30	14,50	M12/M14	GREY

EMPTMEYER PLUGS

KSS | WASHER PLUGS

Washer plugs for masking threaded holes, fits, bores and the like. Due to the additional collar, a surface centric to the bore can be kept free of paint in one work step.

Each plug can be used for two different diameters.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



1
BOX



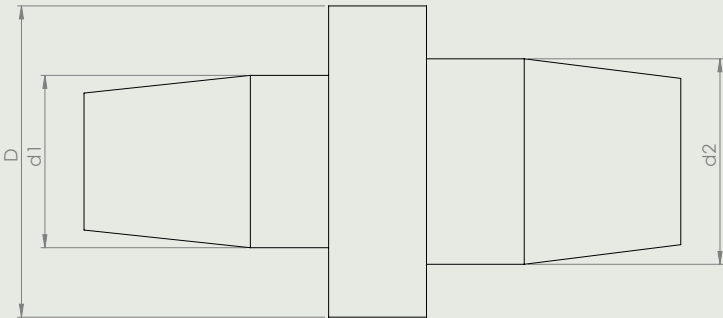
SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER PLUGS



ARTICLE NO.	PCS./ BOX	Ø d1 IN MM	Ø d2 IN MM	D IN MM	THREAD	COLOUR
KSS.0045	100	3,60	4,60	7,90	M4/M5	TRANSPARENT
KSS.0068	100	5,30	7,00	9,50	M6/M8	TRANSPARENT
KSS.1012	100	8,80	10,50	15,90	M10/M12	TRANSPARENT
KSS.1113	100	10,90	12,70	24,00	M12/M14	TRANSPARENT
KSS.1620	100	14,00	17,50	20,00	M16/M20	TRANSPARENT

MAE | MOUSE TAILS

Mouse tails for masking filigree threaded holes, bores, etc.

APPLICATION AREAS

Powder coating, wet painting and KTL

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



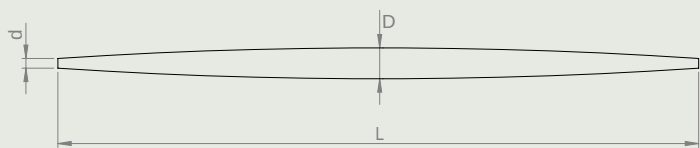
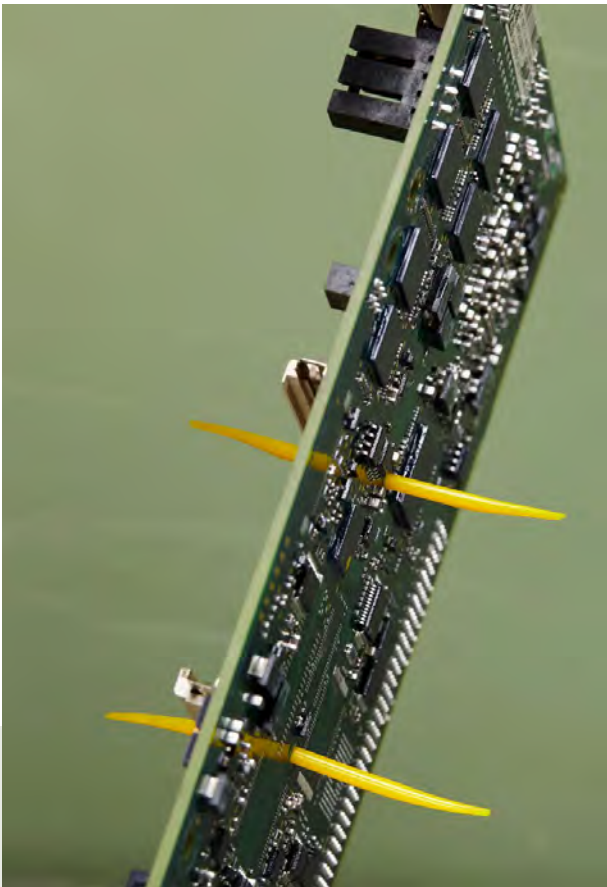
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	COLOUR
MAE.079	100	0,60	2,00	33,80	BROWN
MAE.080	100	0,60	2,00	52,80	YELLOW
MAE.100	100	0,80	2,50	52,80	GREEN
MAE.125	100	0,60	3,20	50,80	BLUE

KK | CONICAL PLUG WITH COLLAR

Conical plugs with collar for masking threaded holes, fits, etc. The conical plug with collar can also be used for masking threaded bolts, axles, shafts, etc.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



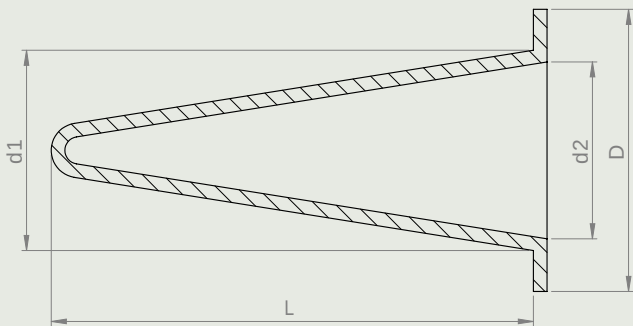
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d1 IN MM	Ø d2 IN MM	D IN MM	L IN MM	COLOUR
KK.0500X0250	100	6,35	3,30	12,70	23,00	TRANSPARENT
KK.0500X0316	100	8,00	5,50	12,70	25,40	RED
KK.0625X0394	100	8,50	4,50	15,90	25,40	BLACK
KK.0635X0400	100	10,15	5,85	16,50	27,95	YELLOW
KK.0650X0394	100	10,00	5,00	16,50	28,00	BROWN
KK.0750X0551	100	14,00	8,00	19,00	36,00	BLACK
KK.0980X0689	100	12,50	11,50	24,90	38,10	LILA
KK.1000X0819	100	20,80	14,80	25,40	49,00	RED
KK.1100X0767	100	19,50	13,50	27,90	51,00	RUSTY RED
KK.1220X0866	100	22,00	16,00	31,00	53,00	TRANSPARENT

ZZ | CYLINDRICAL PULL PLUGS

Cylindrical pull plugs for masking through threads, fits, bores, etc.

APPLICATION AREAS

Powder coating, wet painting, KTL and Sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



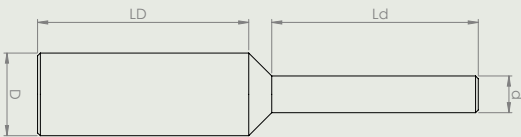
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BOX



SPECIAL SIZES
ON REQUEST

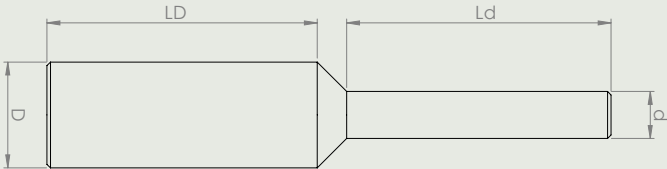


55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	Ld/LD IN MM	THREAD	COLOUR
ZZ.0109	100	1,57	2,77	15,87	M3	RED
ZZ.0125	100	2,08	3,18	15,87		WHITE
ZZ.0140	100	2,08	3,56	15,87	M4	GREEN
ZZ.0162	100	2,36	4,11	15,87		BLUE
ZZ.0187	100	2,80	4,75	15,87	M5	RED
ZZ.0195	100	2,80	4,95	15,87		WHITE
ZZ.0197	100	2,80	5,00	25,40		RUSTY RED
ZZ.0218	100	2,80	5,54	25,40	M6	TRANSPARENT
ZZ.0225	100	3,18	5,72	25,40		PINK
ZZ.0236	100	4,50	6,00	10,20		ORANGE
ZZ.0257	100	3,30	6,53	25,40		GREEN
ZZ.0275	100	3,30	6,99	24,13	M8	TRANSPARENT

EMPTMEYER PLUGS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	Ld / LD IN MM	THREAD	COLOUR
ZZ.0281	100	3,30	7,14	25,40		RED
ZZ.0335	100	3,99	8,51	25,40		WHITE
ZZ.0350	100	4,00	8,89	22,86	M10	TRANSPARENT
ZZ.0400	100	4,00	10,16	25,40		TRANSPARENT
ZZ.0414	100	4,00	10,52	25,40	M12	TRANSPARENT
ZZ.0440	100	4,00	11,18	25,40		YELLOW
ZZ.0530	100	6,35	13,46	25,40		PINK
ZZ.0612	100	6,35	15,54	25,40	M16	YELLOW
ZZ.0770	100	9,50	19,56	28,57		WHITE
ZZ.0809	50	7,92	20,50	25,40		PINK
ZZ.0896	50	9,50	22,76	25,40		GREEN

ZZB | CYLINDRICAL PULL PLUGS WITH COLLAR

Cylindrical pull plugs for masking through-threads, fits, bores and the like. Due to the additional collar, a surface centric to the bore can be kept free of paint in one operation.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



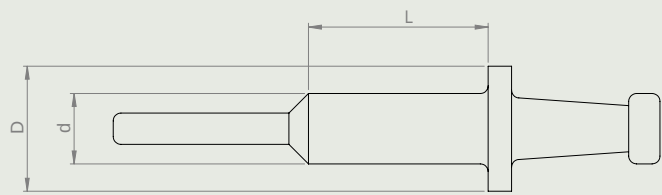
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER PLUGS

ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
ZZB.06	100	4,90	9,50	20,00	M6	YELLOW
ZZB.08	100	6,80	15,00	20,00	M8	BLUE
ZZB.10	100	8,60	16,50	33,00	M10	BLACK
ZZB.12	100	10,00	18,00	28,00	M12	WHITE

MET | METRIC PLUGS

Metric plugs for masking threaded holes, fits, bores and the like. Due to the additional chamfer, this plug also protects the thread root.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



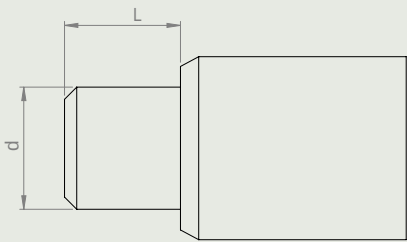
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER PLUGS

ARTICLE NO.	PCS./ BOX	Ø d IN MM	L IN MM	THREAD	COLOUR
MET.05.10	100	4,30	10,00	M5	TRANSPARENT
MET.06.10	100	5,20	10,00	M6	TRANSPARENT
MET.08.20	100	7,20	20,00	M8	TRANSPARENT
MET.10.20	100	8,80	20,00	M10	TRANSPARENT
MET.12.20	100	10,60	20,00	M12	TRANSPARENT
MET.16.10	100	14,40	10,00	M16	TRANSPARENT
MET.20.18	100	19,10	18,00	M20	TRANSPARENT

GTM | METRIC THREADED PLUGS

Metric threaded plugs for masking metric threaded holes.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



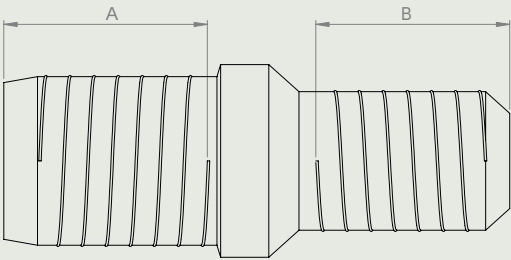
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER PLUGS

ARTICLE NO.	PCS./ BOX	A IN MM	B IN MM	THREAD	COLOUR
GTM.0405	1.000	5,60	6,40	M4/M5	GREEN
GTM.0608	1.000	8,00	10,00	M6/M8	YELLOW
GTM.1012	500	12,00	14,00	M10/M12	RED
GTM.1416	200	20,00	16,00	M14/M16	GREEN
GTM.1820	100	24,00	20,00	M18/M20	BLACK

MSH | METRIC PLUGS HOLLOW

Metric plugs hollow for masking threaded holes, fits, bores and the like. The additional chamfer covers the thread root.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



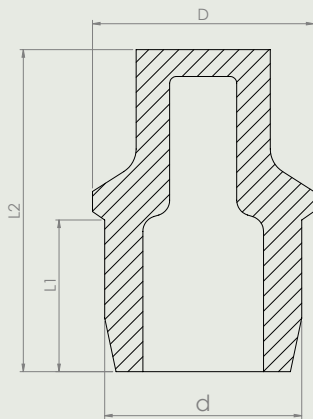
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø D IN MM	Ø d IN MM	L1 IN MM	L2 IN MM	THREAD	COLOUR
MSH.06	100	6,30	5,30	5,50	14,00	M6	TRANSPARENT
MSH.08	100	8,40	7,20	5,00	12,20	M8	BLUE
MSH.10	100	10,40	9,10	7,00	15,00	M10	PINK
MSH.12	100	12,50	10,80	8,80	20,10	M12	RUSTY RED
MSH.16	100	16,60	14,80	11,00	23,00	M16	GREEN
MSH.20	100	20,60	18,40	13,00	28,50	M20	YELLOW

DZS | DOUBLE FLANGE PLUGS

Double flange plugs for threaded nuts for masking weld-on nuts. The two sealing lips cover both chamfers and the thread.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



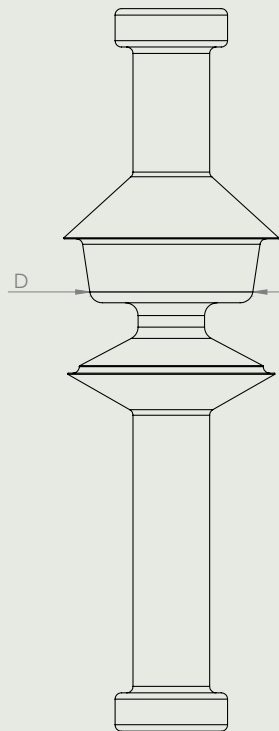
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	THREAD	COLOUR
DZS.M5	100	M5	GREEN
DZS.M6	100	M6	BLUE
DZS.M8	100	M8	YELLOW
DZS.M10	100	M10	RUSTY RED
DZS.M12	100	M12	RED
DZS.M16	100	M16	ORANGE

SBM | BLIND RIVET NUT PLUGS

Metric plugs with chamfer for masking blind rivet nuts.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



1
BOX



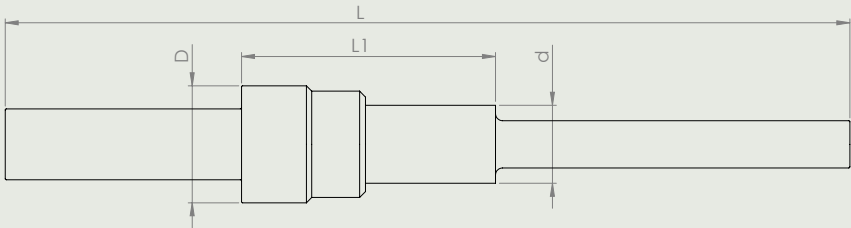
SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER PLUGS



ARTICLE NO.	PCS./ BOX	D IN MM	d IN MM	L1 IN MM	L IN MM	THREAD	COLOUR
SBM.04	100	5,20	3,40	12,00	57,00	M4	WHITE
SBM.05	100	5,90	4,40	15,00	60,00	M5	GREEN
SBM.06	100	7,50	5,20	20,00	70,00	M6	BLUE
SBM.08	100	9,90	7,00	21,50	71,50	M8	YELLOW
SBM.10	100	11,80	8,90	26,00	72,00	M10	RED
SBM.12	100	14,30	10,50	29,50	84,50	M12	GREY

GB | THREADED BOLT WITH SILICONE SEAL AND SUSPENSION EYE

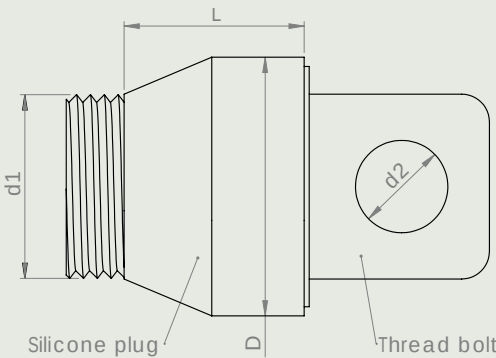
Threaded bolt with silicone seal and suspension eye for simultaneous masking and suspension of components with metric threads.

APPLICATION AREAS

Powder coating, wet painting and KTL

MATERIAL

Silicone and steel



ARTICLE NO.	PCS./ BOX	d1 IN MM	d2 IN MM	D IN MM	L IN MM	THREAD	COLOUR
GB.03	500	3,00	3,00	10,00	11,00	M3	PINK
GB.04	500	4,00	3,00	11,00	12,00	M4	TRANSPARENT
GB.05	500	5,00	3,00	11,00	12,00	M5	ORANGE
GB.06	200	6,00	5,00	14,00	12,50	M6	YELLOW
GB.08	200	8,00	6,00	18,00	13,00	M8	WHITE
GB.10	100	10,00	10,00	20,00	15,50	M10	BLUE
GB.12	100	12,00	10,00	22,00	15,00	M12	GREEN
GB.14	100	14,00	10,00	23,00	15,00	M14	LILA
GB.16	50	16,00	10,00	24,00	16,00	M16	RED
GB.20	20	20,00	10,00	28,00	19,50	M20	BROWN

KAB | CAPS WITH COLLAR

Caps with collar for masking threaded bolts, axles, shafts and similar. The additional collar allows a surface centred on the threaded bolt to be kept free of paint in one operation. The chamfer on the collar minimises a possible paint chipping edge.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



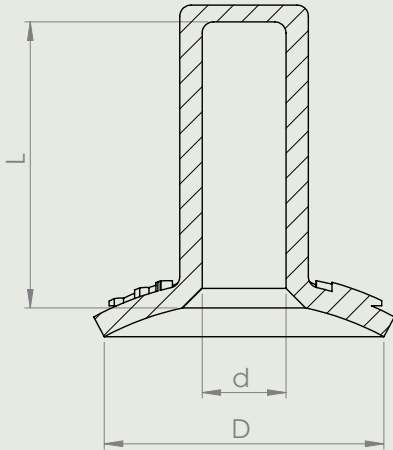
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	D IN MM	L IN MM	THREAD	COLOUR
KAB.06	100	5,60	19,00	30,00	M6	BLUE
KAB.08	100	7,50	25,00	25,00	M8	YELLOW
KAB.10	100	9,40	28,00	30,00	M10	RUSTY RED

Protective and insulating caps (closed on one side)
for masking threaded bolts, axles, shafts, etc.

APPLICATION AREAS

Powder coating, wet painting, KTL and
sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



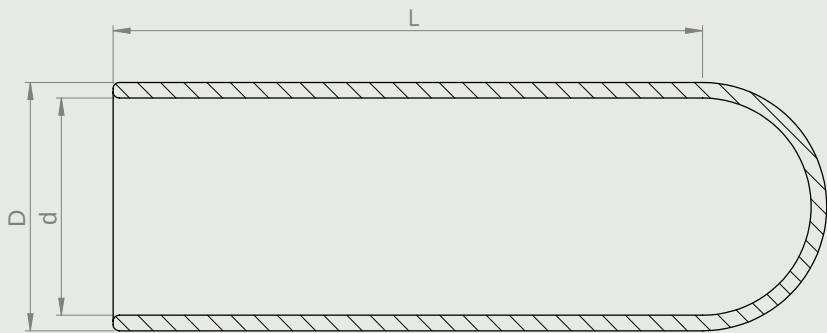
1
BOX



SPECIAL SIZES
ON REQUEST

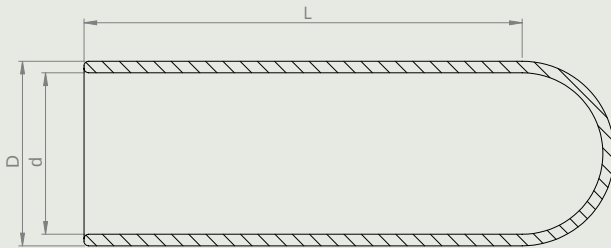


55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
KA.0062X075	100	1,57	3,85	19,05		YELLOW
KA.0080X075	100	2,03	5,07	19,05		ORANGE
KA.0093X075.N	100	2,36	4,95	19,05		PINK
KA.0100X050	100	2,54	5,08	12,70		GREEN
KA.0100X100.G	100	2,54	5,08	25,40	M3	GREEN
KA.0109X050.L	100	2,77	5,81	12,70		YELLOW
KA.0109X075.Y	100	2,77	5,46	19,05		GREY
KA.0125X050.U	100	3,17	6,35	12,70		BLUE
KA.0125X100.B	100	3,17	6,35	25,40		BLACK
KA.0140X050	100	3,55	6,73	12,70		TRANSPARENT
KA.0140X100.W	100	3,55	6,73	25,40		WHITE
KA.0148X100.R	100	3,76	6,32	25,40	M4	RUSTY RED
KA.0156X100.L	100	3,96	7,11	25,40		YELLOW
KA.0172X100.U		4,36	7,62	25,40		BLUE
KA.0172X050.Y	100	4,37	7,41	12,70		GREY
KA.0172X150	100	4,37	7,41	38,10		BLUE
KA.0180X100.B	100	4,57	7,11	25,40	M5	BLACK
KA.0187X050.W	100	4,75	8,00	12,70		WHITE
KA.0187X100	100	4,75	8,00	25,40		TRANSPARENT
KA.0197X050	100	5,00	8,13	12,70		TRANSPARENT
KA.0218X100.S	100	5,54	8,58	25,40		BLACK
KA.0223X150.N	100	5,57	8,76	38,10	M6	PINK
KA.0234X100.G	100	5,94	9,14	25,40		GREEN
KA.0234X050	100	5,94	8,98	12,70		TRANSPARENT
KA.0234X150.L	100	5,94	8,98	38,10		YELLOW
KA.0250X100.Y	100	6,35	9,65	25,40		GREY
KA.0281X100.U	100	7,13	10,16	25,40		BLUE
KA.0295X100.S	100	7,49	10,67	25,40	M8	BLACK
KA.0295X150.S	100	7,49	10,67	38,10	M8	BLACK
KA.0312x100.MLT	100	7,92	11,40	20,00		GREEN
KA.0312X100.L	100	7,92	11,40	25,40		YELLOW
KA.0312X150.N	100	7,92	10,96	38,10		PINK
KA.0340X100	100	8,64	11,68	25,40		LILA
KA.0355X150.R	100	9,01	12,32	38,10		RUSTY RED
KA.0375X100.L	100	9,53	12,83	25,40	M10	YELLOW
KA.0375X150.Y	100	9,53	12,57	38,10	M10	GREY
KA.0437X100.B	100	11,10	14,35	25,40		BLACK
KA.0456X150	100	11,56	14,76	38,10	M12	TRANSPARENT

KA | CAPS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
KA.0480X150.N	100	12,19	15,36	38,10		PINK
KA.0500X150.G	100	12,70	15,87	38,10		GREEN
KA.0535X150.U	100	13,59	15,24	38,10	M14	BLUE
KA.0562X150	100	14,27	17,30	38,10	M15	TRANSPARENT
KA.0600X150	100	15,24	18,42	38,10	M16	TRANSPARENT
KA.0625X150	100	15,88	18,92	38,10		TRANSPARENT
KA.0687X100.L	100	17,45	20,49	25,40		YELLOW
KA.0687X150	100	17,45	20,62	38,10	M18	TRANSPARENT
KA.0750X150	100	19,05	22,22	38,10	M20	TRANSPARENT
KA.0625X250	100	15,87	19,05	63,50		TRANSPARENT
KA.0750X350	100	19,05	22,09	88,90		TRANSPARENT
KA.0812X150	100	20,62	23,80	38,10		TRANSPARENT
KA.0875X150	100	22,23	25,27	38,10	M24	TRANSPARENT
KA.0970X150	100	24,64	27,81	38,10	M25	TRANSPARENT
KA.0970X400	100	24,64	27,68	101,60	M25	TRANSPARENT
KA.1000X150	100	25,40	28,57	38,10		TRANSPARENT
KA.1062X200	100	26,97	30,01	50,80		TRANSPARENT
KA.1125X150	100	28,57	31,75	38,10		TRANSPARENT
KA.1187X150	100	30,15	33,19	38,10		TRANSPARENT
KA.1250X150	100	31,75	34,92	38,10		TRANSPARENT
KA.1350X175	100	34,29	37,46	44,45		TRANSPARENT
KA.1500X100	100	38,10	41,14	25,40		TRANSPARENT
KA.1500X175	100	38,10	41,14	44,45		TRANSPARENT
KA.1625X200	100	42,28	45,32	50,80		TRANSPARENT
KA.1750X200	100	44,45	47,49	50,80		TRANSPARENT
KA.1875X200	100	47,63	50,67	50,80		TRANSPARENT
KA.2000X200	100	50,8	53,84	50,80		TRANSPARENT

AK | CAP WITH COLLAR

New!
Available from stock

The cap with collar can be used both as a cap and as a plug.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



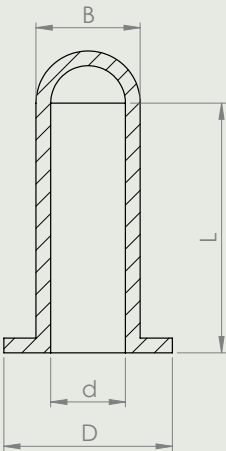
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø B IN MM	L IN MM	Ø D IN MM	COLOUR
AK.0106X0472	100	2,70	6,20	25,40	12,00	GREEN
AK.0125X0500	100	3,18	6,40	25,40	12,70	TRANSPARENT
AK.0140X0500	100	3,55	8,20	25,40	12,70	TRANSPARENT
AK.0146X0472	100	3,70	6,60	25,40	12,00	PINK
AK.0156X0500	100	3,96	8,00	25,40	12,70	TRANSPARENT
AK.0172X0500	100	4,37	9,70	25,40	12,70	TRANSPARENT
AK.0180X0600	100	4,60	8,00	25,40	15,20	GREEN
AK.0220X0590	100	5,60	9,10	25,40	15,00	RED
AK.0220X0787	100	5,60	8,65	25,40	20,00	TRANSPARENT
AK.0240X0500	100	6,10	9,10	25,40	12,70	TRANSPARENT
AK.0295X0500	100	7,50	10,50	25,40	12,70	TRANSPARENT
AK.0295X1000	100	7,50	10,50	25,40	25,40	TRANSPARENT
AK.0300X0675	100	7,60	10,60	25,40	17,15	TRANSPARENT
AK.0375X0825	100	9,50	13,00	38,10	21,00	YELLOW
AK.0453X0984	100	11,50	16,50	38,10	25,00	TRANSPARENT
AK.0460X0700	100	11,70	14,50	25,40	17,80	TRANSPARENT
AK.0500X1000	100	12,70	15,40	25,40	25,40	TRANSPARENT
AK.0615X1180	100	15,60	20,70	38,10	30,00	RUSTY RED
AK 0780x1475	100	19,80	24,70	38,10	37,50	GREY

KAA | FLAT TOP CAPS (STRAIGHT)

Flat top caps (straight) for masking threaded bolts, axles, shafts, etc.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



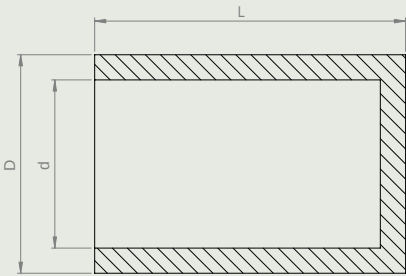
1
BOX



SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



KAA | FLAT TOP CAPS

(STRAIGHT)

ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
KAA.0100X1120	100	2,50	5,50	28,40		TRANSPARENT
KAA.0145X1120	100	3,70	6,70	28,40	M4	YELLOW
KAA.0185X1120	100	4,70	7,70	28,40	M5	BLACK
KAA.0220X1120	100	5,60	8,60	28,40	M6	GREEN
KAA.0223X1500	100	5,70	8,70	38,10		RUSTY RED
KAA.0233X1500	100	5,90	8,90	38,10		RUSTY RED
KAA.0300X1120	100	7,60	10,60	28,40	M8	RED
KAA.0300X1650	100	7,60	10,60	41,90	M8	RED
KAA.0375X1120	100	9,50	12,50	28,40	M10	BLUE
KAA.0415X1500	100	10,50	13,50	38,10		RUSTY RED
KAA.0456X1120	100	11,60	14,60	28,40		GREY
KAA.0456X1500	100	11,60	14,60	38,10	M12	RUSTY RED
KAA.0921X0728	50	23,40	26,40	18,50	M24	TRANSPARENT
KAA.2885X1000	10	73,30	76,30	25,40		BLUE

VK | CLOSING CAPS

Closing caps for masking inch threads, axles, shafts, tubes, etc.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



1
BOX



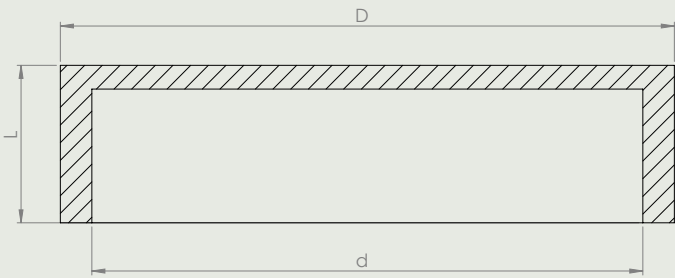
SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER CAPS



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	COLOUR
VK.1	100	31,00	39,00	17,00	YELLOW
VK.2	100	38,00	47,00	20,00	GREEN
VK.3	100	44,00	53,00	20,00	RED

KMA | CAPS WITH REMOVING AID

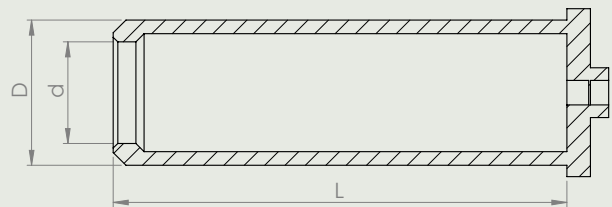
Caps with removing aid for masking threaded bolts, axles, shafts and the like. The sealing lip inside the cap prevents liquid from penetrating into the cap interior. Due to the valve function, any pressure created can easily escape from cavities or blind holes

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



ARTICLE NO.	PCS./ BOX	Ø d IN MM	Ø D IN MM	L IN MM	THREAD	COLOUR
KMA.05X25	100	4,20	9,00	25,00	M5	GREEN
KMA.05X50	100	4,20	9,00	50,00	M5	GREEN
KMA.06X25	100	5,20	10,00	25,00	M6	BLUE
KMA.06X50	100	5,20	10,00	50,00	M6	BLUE
KMA.08X25	100	7,20	12,00	25,00	M8	YELLOW
KMA.08X50	100	7,20	12,00	50,00	M8	YELLOW
KMA.10X25	100	9,20	14,00	25,00	M10	RUSTY RED
KMA.10X50	100	9,20	14,00	50,00	M10	RUSTY RED
KMA.12X25	100	11,20	16,00	25,00	M12	RED
KMA.12X50	100	11,20	16,00	50,00	M12	RED

903 | FLAT CONNECTION

CAPS

Protective caps for masking flat plugs.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



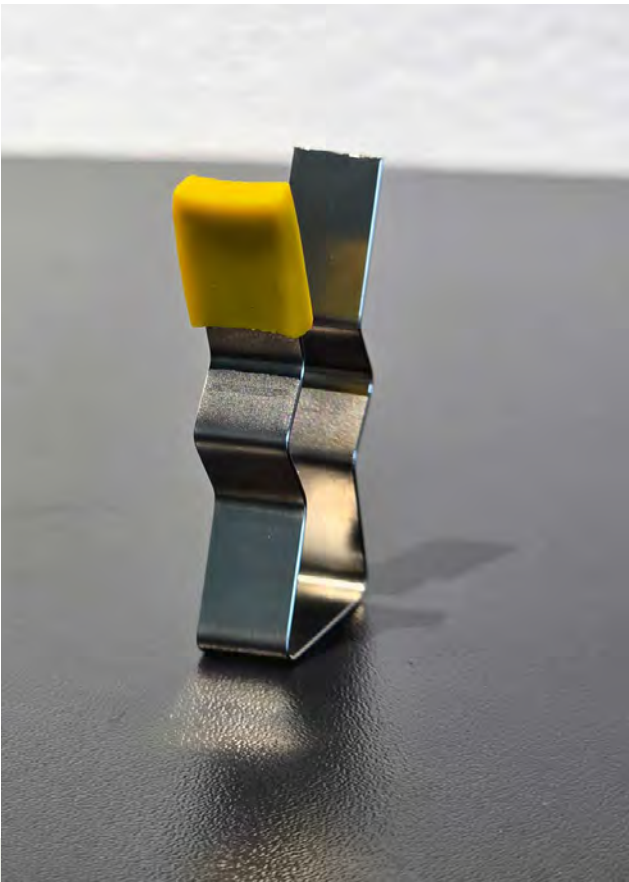
1
BOX



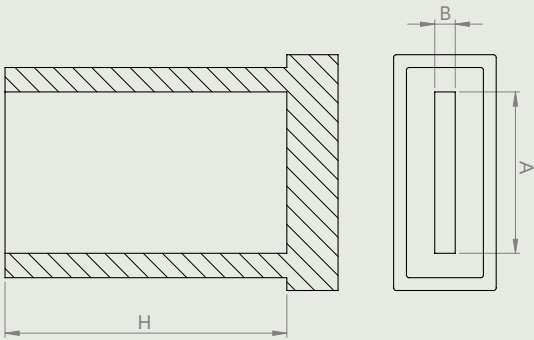
SPECIAL SIZES
ON REQUEST



55 +/- 5
SHORE
HARDNESS



EMPTMEYER CAPS



ARTICLE NO.	PCS./ BOX	A IN MM	B IN MM	H IN MM	COLOUR
903.00.0	100	6,30	0,80	11,00	YELLOW
903.01.0	100	2,80	0,80	11,00	RED
903.02.0	100	4,80	0,80	11,00	BLUE



ASSORTMENT BOX

FEEL FREE TO PUT TOGETHER
YOUR OWN SAMPLE SELECTION

AS | RUBBER TUBE

Rubber tube for masking threaded bolts, axles, shafts, etc.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



300° C
HEAT
RESISTANT



25 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	Ø IN MM*	WALL THICKNESS	ARTICLE NO.	Ø IN MM*	WALL THICKNESS
AS.020X010	2,00	1,00	AS.090X015	9,00	1,50
AS.025X005	2,50	0,50	AS.100X020	10,00	2,00
AS.030X010	3,00	1,00	AS.110X015	11,00	1,50
AS.035X010	3,50	1,00	AS.120X020	12,00	2,00
AS.040X010	4,00	1,00	AS.135X015	13,50	1,50
AS.045X010	4,50	1,00	AS.160X020	16,00	2,00
AS.050X010	5,00	1,00	AS.200X015	20,00	1,50
AS.055X010	5,50	1,00	AS.220X015	22,00	1,50
AS.060X015	6,00	1,50	AS.240X020	24,00	2,00
AS.060X010	6,00	1,00	AS.250X015	25,00	1,50
AS.060X020	6,00	2,00	AS.300X015	30,00	1,50
AS.070X015	7,00	1,50	AS.350X015	35,00	1,50
AS.080X010	8,00	1,00	AS.400X015	40,00	1,50
AS.080X015	8,00	1,50	AS.450X015	45,00	1,50
AS.080X020	8,00	2,00	AS.500X015	50,00	1,50

* Inside diameter

SCA | TUBE CUTS

Tube cuts for masking threaded bolts, axles, shafts, etc.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



REQUEST
SAMPLE



1
BOX



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	PCS./ BOX	L IN MM	THREAD
SCA.03	100	20,00	M3
SCA.04	100	20,00	M4
SCA.05	100	25,00	M5
SCA.06	100	30,00	M6
SCA.08	100	35,00	M8

EMPTMEYER TUBE

SST | STARTUBE

Start tube for masking threaded bolts, axles, shafts, etc. Due to the star-shaped design, one size can be used for several diameters.

APPLICATION AREAS

Powder coating, wet painting, KTL and sandblasting

MATERIAL

Silicone



STOCK GOODS



315° C
HEAT
RESISTANT



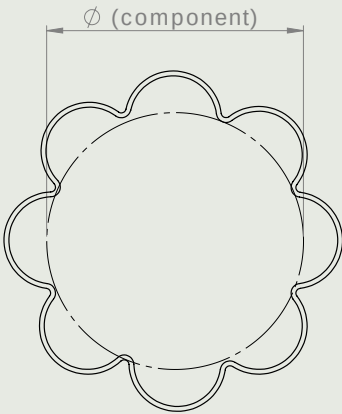
REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	METER/ ROLL	Ø (COMPONENT) MIN./MAX. IN MM	COLOUR
SST.03.05	25	3,00/6,00	RED
SST.09.11	25	9,00/11,00	BLUE
SST.13.17	25	13,00/17,00	RED
SST.17.22	25	17,00/22,00	WHITE
SST.23.28	10	23,00/28,00	BROWN
SST.29.35	5	29,00/35,00	GREY
SST.36.45	5	36,00/45,00	BLACK

SC | ROUND FOAM CORDS

Round foam cords for masking threaded holes, fits, bores, etc.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Rubber foam



STOCK GOODS



270° C
HEAT
RESISTANT



25 M/
ROLL



REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	Ø IN MM	TOLERANCE
SC.03	3,00	+/- 10 %
SC.05	5,00	+/- 10 %
SC.06	6,00	+/- 10 %
SC.08	8,00	+/- 10 %
SC.10	10,00	+/- 10 %
SC.12	12,00	+/- 10 %
SC.20	20,00	+/- 10 %
SC.26	26,00	+/- 10 %
SC.36	36,00	+/- 10 %

EMPTMEYER TUBE

SC.X | SQUARE FOAM CORDS

Square foam cords for masking grooves, square openings, etc.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Rubber foam



STOCK GOODS



270° C
HEAT
RESISTANT



25 M/
ROLL



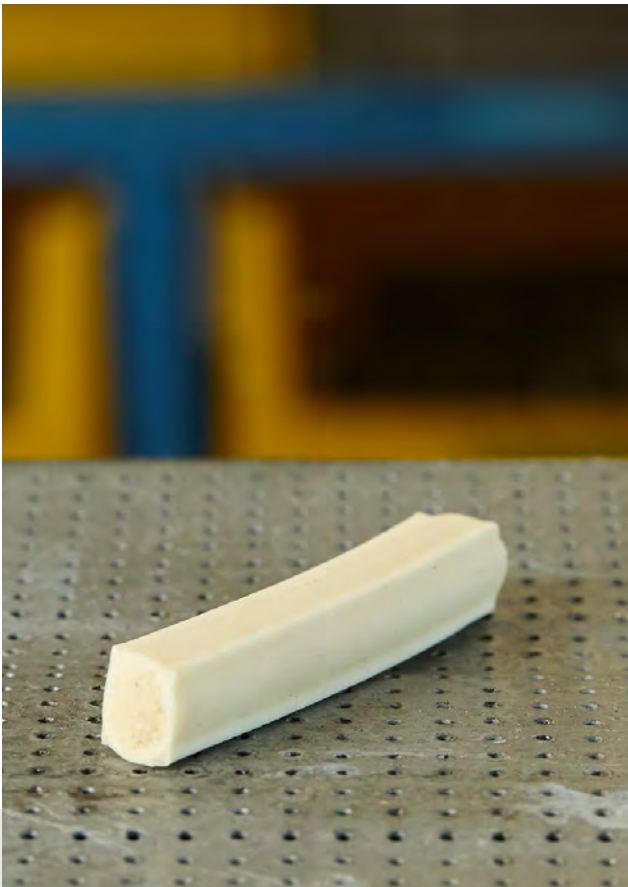
REQUEST
SAMPLE



1
ROLL



SPECIAL SIZES
ON REQUEST



EMPTMEYER TUBE

ARTICLE NO.	Ø IN MM	TOLERANCE
SC.X100	10,00 x 10,00	+/- 10 %
SC.X120	12,00 x 12,00	+/- 10 %
SC.X200	20,00 x 20,00	+/- 10 %

912.00.0 | TUBE TRIMMER

OUR TUBE TRIMMER CAN BE USED FOR
ALL COVER HOSES AND CORDS.



BL | SPRING STEEL MASKING SHEET

Flexible and rollable frame covers for masking fits, bores, etc.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Spring steel



STOCK GOODS



315° C
HEAT
RESISTANT



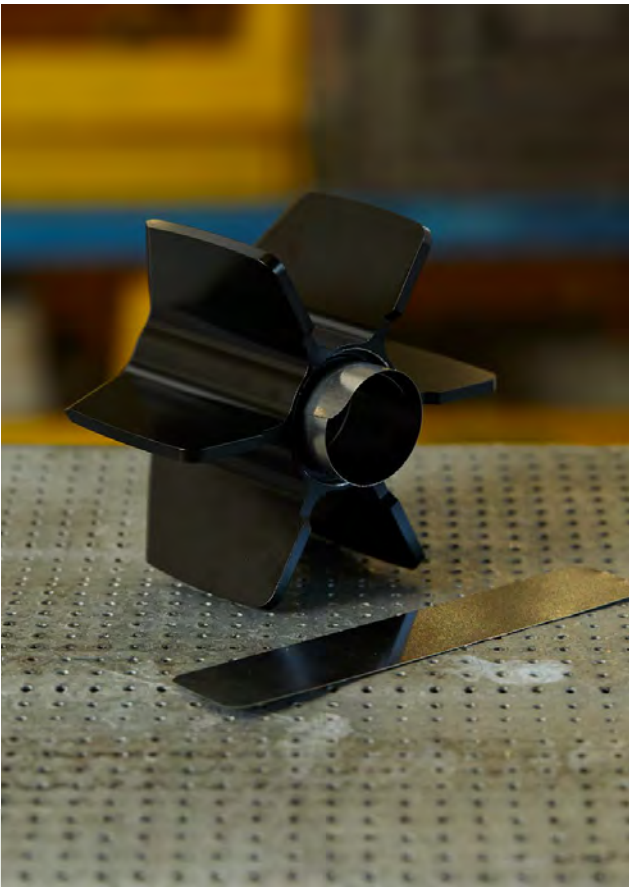
REQUEST
SAMPLE



1
BOX



SPECIAL SIZES
ON REQUEST



ARTICLE NO.	PCS./ BOX	WIDTH IN MM	L IN MM
BL.100	100	40,00	100,00
BL.200	100	40,00	200,00
BL.300	100	40,00	300,00
BL.350	100	40,00	350,00

ACCESS & ORDE



ORIES R



ACCESSORIES & ORDER

ACCESSORIES

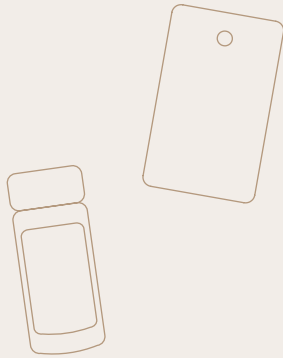


ASSEMBLY GLOVES

ARTICLE NO. AHS
Page # 156

WORK GLOVES, CHEMICALLY RESISTANT, FOR DECOAT

ARTICLE NO. AHSC
Page # 157



PROTECTIVE OVERALL

ARTICLE NO. SO
Page # 158

COVERALL

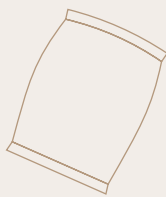
ARTICLE NO. SO
Page # 158

HAND CLEANING CLOTH

ARTICLE NO. 927.0
Page # 159

TACK CLOTH

ARTICLE NO. 925
Page # 160



DIRT KILLER

ARTICLE NO. JA
Page # 161

PAINT STRIPPER

ARTICLE NO. 922
Page # 162

PLASTIC BAG

ARTICLE NO. BD
Page # 163

EARHTING TESTER

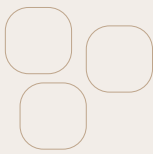
ARTICLE NO. EDT
Page # 164

THERMOMETER

ARTICLE NO. CE
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COLOUR SWATCH

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PAINTING STICK

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CORK STACKING DISCS

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INDUSTRIAL CLEANER

ARTICLE NO. 60040
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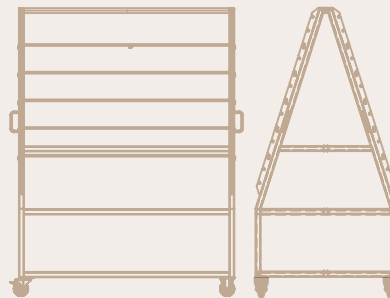
ADHESIVE REMOVER

ARTICLE NO. 60042
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ORDER

HOOK SORTING TROLLEY

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SHELF TROLLEY «VARIOFLEX»

ARTICLE NO. RV
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AHS | ASSEMBLY GLOVES

Breathable assembly glove for a precise grip and hold, even on slightly oily surfaces. With PU nitrile coating for a long service life and very high abrasion resistance. DMF-free and manufactured in accordance with Oeko-Tex Standard 100.

Available in sizes 6, 7, 8, 9, 10

MATERIAL
PU Nitril Coating


STOCK GOODS


12
PCS.


REQUEST
SAMPLE



EMPTMEYER ACCESSORIES

ARTICLE NO.	SIZE
AHS.06	6
AHS.07	7
AHS.08	8
AHS.09	9
AHS.10	10
AHS.11	11

AHSC | WORK GLOVES, CHEMICALLY RESISTANT, FOR DECOAT

Chemical resitant disposable gloves of Nitril.

Due to the special material, the glove is not only chemically resistant, but also antistatic and conductive (according to EN16350:2014).

Available in sizes: S, M, L, XL

MATERIAL

Nitril



STOCK GOODS



60
PCS.



REQUEST
SAMPLE



ARTICLE NO.	SIZE
AHSC.S	S
AHSC.M	M
AHSC.L	L
AHSC.XL	XL

SO | DISPOSABLE PROTECTIVE OVERALL

The disposable protective overalls, made of antistatic non-woven material (SMMS), have a hood, a zip at the front and arm, leg and waist elastics.

Sizes M-XXXL available on request.

MATERIAL

Antistatic nonwoven material SMMS

ARTICLE NO.	SIZE
SOLEINWEG	L
SOXLEINWEG	XL
SOXXLEINWEG	XXL



SO | REUSABLE PROTECTIVE OVERALL



The reusable protective coverall is equipped with a hood, zipper, and chest and back pockets. It is lint-free, washable, and breathable.

MATERIAL

Polyester filaments

ARTICLE NO.	SIZE
SOM.COVER	M
SOL.COVER	L
SOXL.COVER	XL
SOXXL.COVER	XXL

927.0 | HAND CLEANING CLOTH

- Without water and soap, this cloth removes the strongest soiling
- Phase 1 – rough side for removing deep-seated dirt
- Phase 2 – soft side for post-cleaning
- Cleans simply, effortlessly and quickly
- The integrated plastic fibre reinforces the cleaning power
- Removes grease, oil, smear, dirt and much more.
- For workshop, industry, trade and service

APPLICATION AREAS

Cleaning of hands and various water-compatible surfaces



STOCK GOODS



1
BOX



ARTICLE NO.	PCS./ BOX	SIZE IN MM
927.0	72 CLOTHS	200 x 230

925 | TACK CLOTH

Everyone knows the problems caused by the smallest dust, dirt and sanding particles of all kinds, especially when painting.

For decades, our «Staubfix» tack cloths have been well-known and a great help everywhere, preferred and indispensable wherever high-quality painting is carried out. They have also proven their worth with the vast majority of European car manufacturers.

Tack cloth Uni

is characterised by its loose rayon muslin fabric with a slightly softer, particularly slippery impregnation. It offers reliable dust collection with the affordable Staubfix quality.

Tack cloth Hydro

is characterised by its water-soluble impregnation and anti-static effect.

Simplest handling due to the patented hydro-impregnation. Hands and tools are easy to clean with water, no special solvents are needed anymore. Therefore environmentally and health friendly. Due to the antistatic effect, also excellently suitable for cleaning plastic surfaces.



MATERIAL

Cellulose muslin



STOCK GOODS



1
BOX



REQUEST
SAMPLE

ARTICLE NO.	PCS./ BOX	LENGTH X WIDTH IN CM	VARIANT
925.0	5	75 x 50	UNI
925.1	5	75 x 50	HYDRO
925.2	5	75 x 50	STANDARD

JA | DIRT KILLER

Product description

When heated, the paste has the effect of a flypaper and becomes sticky. It is specially designed for use in drying ovens, powder ovens and the like to remove pollutants such as dust and paint particles.

This process saves you a lot of time and your coating material is not contaminated by flying dust and powder particles. Well suited for repeated use. The frequency of application depends strongly on the conditions of use, such as the number of dust particles and painted goods. Experience has shown that the product can be used up to 200 times.

Instructions for use

The paste is applied thinly to a clean and dry metal plate, which is either placed in the oven or hung from the base hanger. We have had the best experience with thin aluminium plates, as they are very good heat conductors and have a low weight.



APPLICATION AREAS

Powder coating



STOCK GOODS



1
PCS.

ARTICLE NO.	CONTENT
JA.96.B	100 ML
JA.96	1 L

922 | PAINT STRIPPER

Automatic paint stripper for stripping paint from silicone products.

During the dipping process, the paint layer is detached. The built-in bath heater shortens the process time by 80%. Any remaining paint can be rinsed off with water.

The paint is not dissolved, but peeled off in small flakes of paint. That prevents paint sludge from forming. The mixture of stripped paint and DECOAT stripper is separated by a simple settling process. Residues can be disposed of as cured paint waste in landfills.

APPLICATION AREAS

Powder coating



STOCK GOODS



1
PCS.



SAMPLE ON
COMMISSION



PAINT STRIPPER

ARTICLE NO.	DESCRIPTION	HEIGHT IN MM	Ø IN MM	MESH WIDTH IN MM
922.0	PAINT STRIPPER			
922.0.2	WORK BASKET	180	210	8 x 8
922.0.3	WORK BASKET	250	300	8 x 8

DECOAT
PAINT REMOVER

ARTICLE NO.	CONTENT
DECOAT.25	25 KG

BD | PLASTIC BAGS

Plastic bags for disposing of residual powder. Fill in the remaining powder (do not seal, as the bag could burst) and melt it down by heating.

APPLICATION AREAS

Powder coating

MATERIAL

Plastic film



STOCK GOODS



230°C
HEAT
RESISTANT



1
BOX



REQUEST
SAMPLE



ARTICLE NO.	PCS./ BOX	CONTENT
BD.025	10	25 LITRES

EDT | EARTHING TESTER

A simple battery-operated device which indicates in 5 steps whether the material to be painted is sufficiently earthed. To do this, attach the alligator clip to a known earthing point.

Poor grounding of the coating material usually results in inferior quality of the electrostatic coating application. You will then receive insufficient coating thicknesses or even completely uncoated parts. Point the tool at the part to be painted and touch the tip to the bare metal surface. At the simple push of a button, the result now appears via two green, one yellow or two red lamps.

Measuring range:

0–0,01 Ω	One green LED
0,01–0,1 Ω	Two green LEDs
0,1–1,0 Ω	One yellow LED
1,0–20 Ω	One red LED
20 Ω	Two red LEDs

APPLICATION AREAS

Powder coating



EMPTMEYER ACCESSORIES



STOCK GOODS



1
PCS.



SAMPLE ON
COMMISSION

ARTICLE NO.

PCS./
BOX

EDT

1

CE | THERMOMETER

Self-adhesive disposable thermometers (5 x 90 mm) that indicate the maximum temperature by changing colour on the different fields.

The thermometer is placed on the surface of a product to determine the actual temperature.

APPLICATION AREAS

Powder coating



STOCK GOODS



1
BOX



REQUEST
SAMPLE



ARTICLE NO.	PCS./ BOX	TEMPERATURE
CE.166.216	100	166 – 216 °C

FMB | COLOUR SWATCH

Colour swatches quality control during painting processes.

APPLICATION AREAS

Powder coating and wet painting

MATERIAL

Bare strip steel



STOCK GOODS



1
BOX



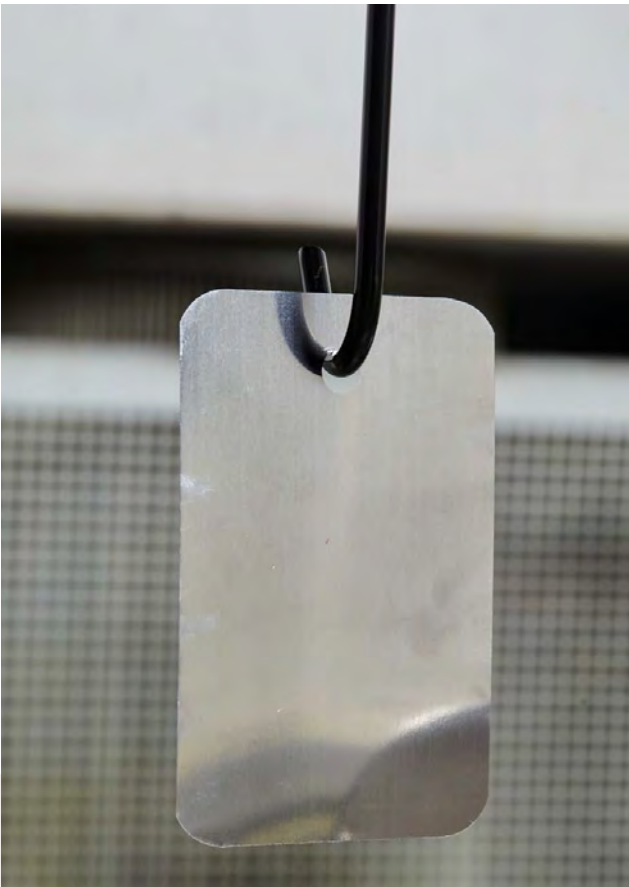
REQUEST
SAMPLE



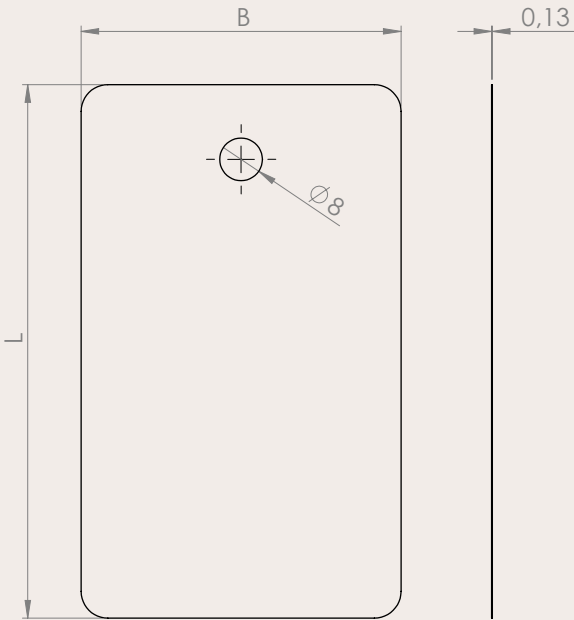
THICKNESS
0,13 MM



SPECIAL SIZES
ON REQUEST



EMPTMEYER ACCESSORIES



ARTICLE NO.	PCS./ BOX	L X B IN MM
FMB.60X100	1.250	100 x 60
FMB.100X220	1.000	220 x 100

LS | PAINTING STICK

With the help of the touch-up pen, you can quickly create your own repair touch-up pen in your desired colour. The LS.12 touch-up pen has a dispenser in the cap.

Application instructions:
After mixing the powder, the gloss level is always shiny. Approximately 24 hours after mixing, the composition changes automatically to achieve a matt gloss level.

APPLICATION AREAS

Powder coating



STOCK GOODS



1
PCS.



ARTICLE NO.	CONTENT
LS.08	8 ML
LS.08.STRUKTUR	8 ML
LS.12	12 ML

926 | CORK STACKING DISCS

Cork stacking discs for the storage and transport of surfaces requiring protection.

926.0 Cork stacking discs with adhesive foam, multirow punched on roll.

926.1 Cork stacking discs with adhesive foam.
926.2 Cork stacking discs without adhesive foam, weakly adhesive on one side, removable without residue.

Attention! Test under your own conditions when using for the first time.

MATERIAL

Hard pressed cork, adhesive foam



STOCK GOODS



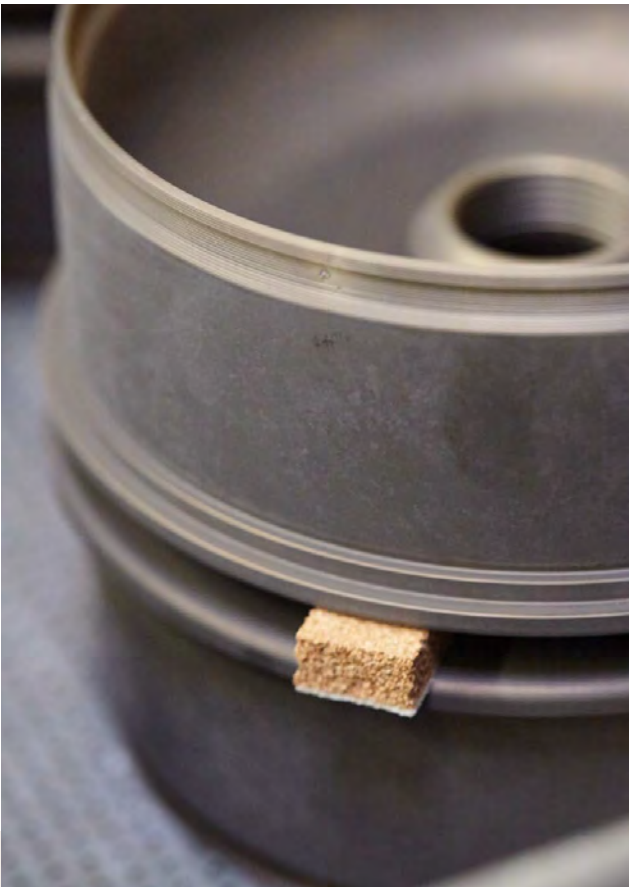
1 BOX



REQUEST SAMPLE



SPECIAL SIZES ON REQUEST



ARTICLE NO.	PCS./ BOX	PACKAGING	SIZE IN MM
926.0	10.400	ON ROLL	20 x 20 x 4
926.1	15.000	LOOSE	20 x 20 x 4
926.2	11.000	ON ROLL	18 x 18 x 4

60040 | TESA INDUSTRIAL CLEANER SPRAY

tesa® Industrial Cleaner 60040 is a versatile spray for quick and easy cleaning of machine and plastic parts, glass and metallic surfaces. Cleaned surfaces offer optimal bonding with adhesive tapes or spray adhesives.

Content: 500 ml

APPLICATION AREAS
General industrial applications


STOCK GOODS


1
PCS.



60042 | TESA ADHESIVE REMOVER

tesa® Adhesive Remover 60042 is a spray for easy removal of adhesive residues from plastic parts, glass, and metallic surfaces.

Content: 200 ml

APPLICATION AREAS
General industrial applications


STOCK GOODS


1
PCS.



EMPTMEYER ACCESSORIES

HS | HOOK SORTING TROLLEY

Pyramid-shaped sorting trolley for paint hooks. The hooks hang freely so that they do not touch the hooks above or below them. The insertion bars made of round steel ($\varnothing 12$ mm) can be optionally inserted into the notches provided (10 bars included in the scope of delivery). The two shelves are designed for storing boxes.

Colour: lacquered RAL 9003.



STOCK GOODS



1
PCS.

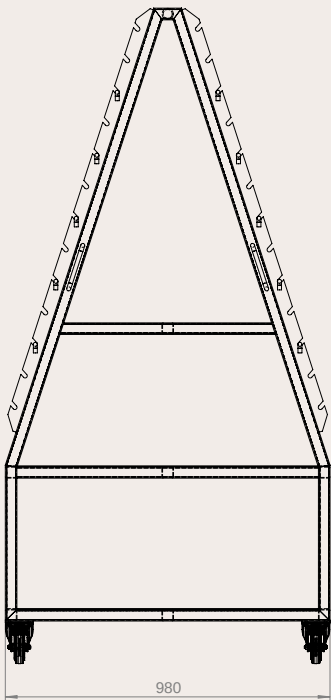
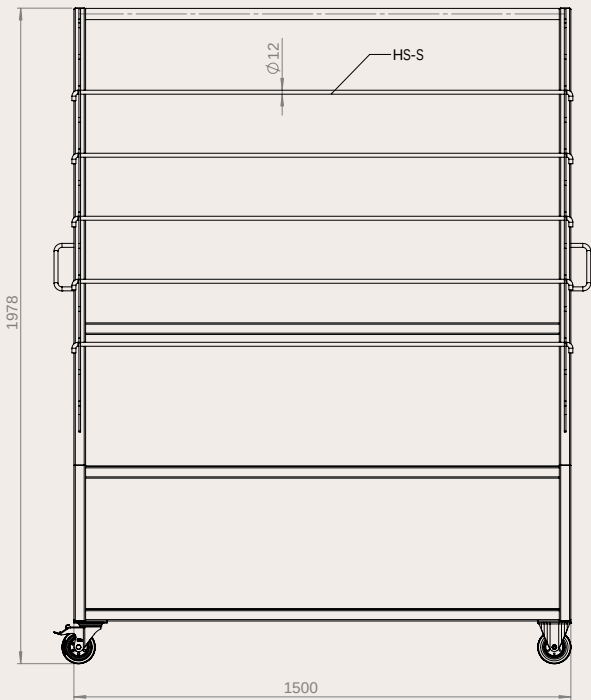


SPECIAL SIZES
ON REQUEST

ARTICLE NO.	DESCRIPTION
HS	HOOK SORTING TROLLEY
HS.S	INSERTION BAR



EMPTMEYER ORDER



RV | SHELF TROLLEY

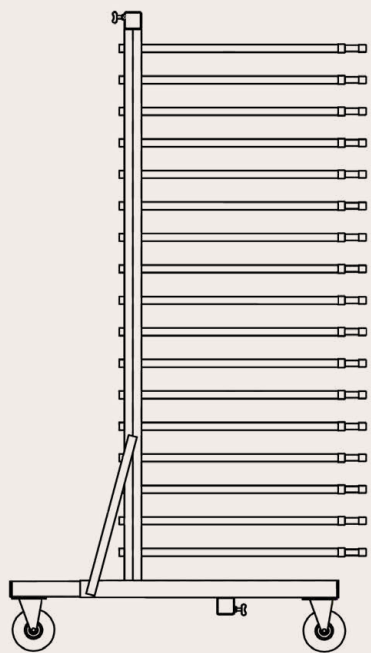
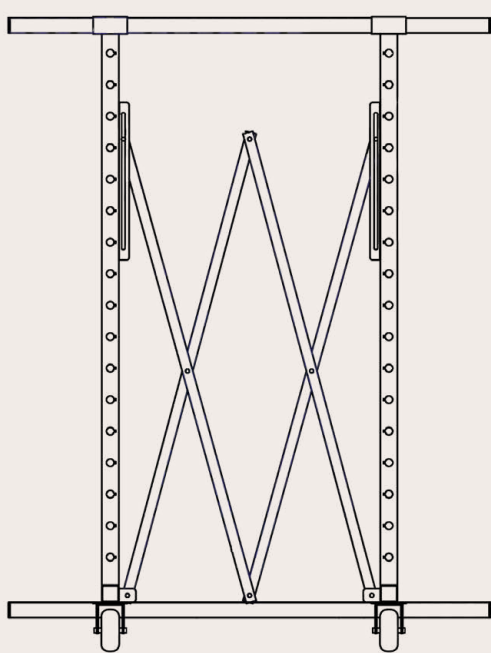
«VARIOFLEX»

The convenient Varioflex shelf trolley is designed for flexible and gentle depositing of painted workpieces. In addition, its 4 swivel castors also enable the transport of workpieces.

Its sturdy tubular frame construction can be adjusted from 200 to 2000 mm.

With its 17 inner and outer support tubes on each side, the trolley can support weights of up to 400 kg with an evenly distributed load. The pluggable inner and outer support tubes can be optionally removed and reinserted at the rear.

When not in use, the shelf trolley can be folded to save space.



EMPTMEYER ORDER

EMPT plus⁺



MEYER





FROM STANDARD TO SPECIAL
SOLUTIONS – EVERY THING
FROM A SINGLE SOURCE



EM+

EMPTMEYER
PLUS





EMPTMEYER
PLUS

EMPTMEYER plus⁺ — We can do more than standard



More than 2,800 customised articles sold per year speak for themselves.

Our standard range does not always offer the optimal solution for our customers. But that's exactly when we are ready for you in the Emptmeyer plus+ area.

There are many reasons why it makes sense to opt for a customised solution:

- More efficient covering or hanging of components
- Minimisation of rejects thanks to precise covering
- Optimum suspension of the component to be coated
- Increase in throughput due to optimal utilisation of the painting area
- Reduced throughput times

We offer individually manufactured solutions, regardless of whether it is a one-off or a large series. Thanks to our CAD department, in-house prototyping, welding shop, CNC machinery (bending machines) and a wide range of materials in stock, we are able to guarantee fast realisation.

We will be happy to advise you by phone, email or in person on site!

DIVERSE AND INDIVIDUAL



EMPTMEYER plus+ comprises the following divisions:

Technical Sales:

- Labels / Plotter parts
- Hooks
- Wire bending parts

Design & Frame Construction:

- Frame and hanging systems
- Transport and storage systems
- Paint stripping boxes

Masking:

- Contour covers
- Plugs
- Cover caps

With a total of around 25 employees, we are correspondingly broadly positioned and offer the necessary know-how in all areas.

FROM THE IDEA TO THE PERFECT SOLUTION

This is how the process of your request could look like.

Contact and enquires

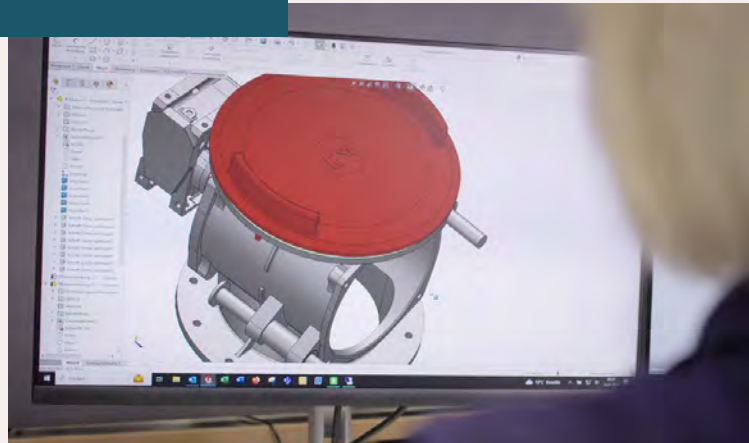
- By phone, email or in person via our field staff
- Detailed discussion / definition of all relevant requirements
- Discussion of the procedure

Development and offer phase

- Engineering your request
- Proposed solution, if necessary sketch or photos for the customer
- Submitting the offer

Realisation phase

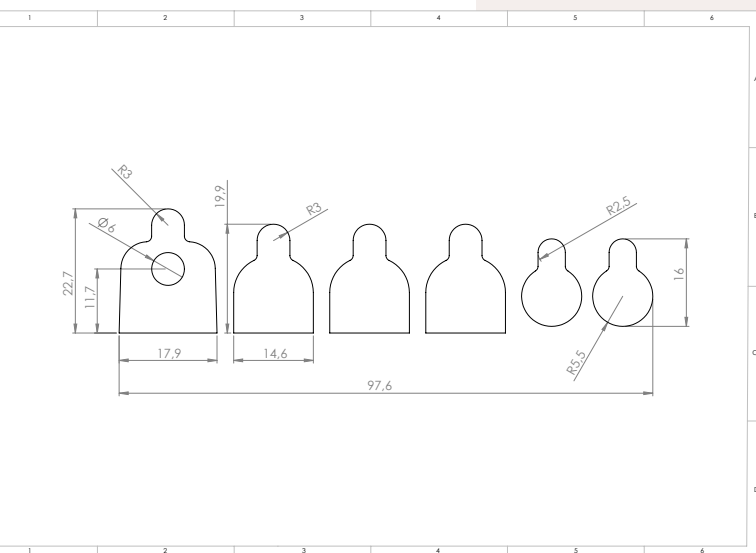
- Drawing release
- Sampling phase
- Delivery of the series quantity



LABELS – INDIVIDUALLY MANUFACTURED

We create custom-fit labels based on your specifications.

Whether on sheets or rolls, we can make covering much easier for you at short notice.



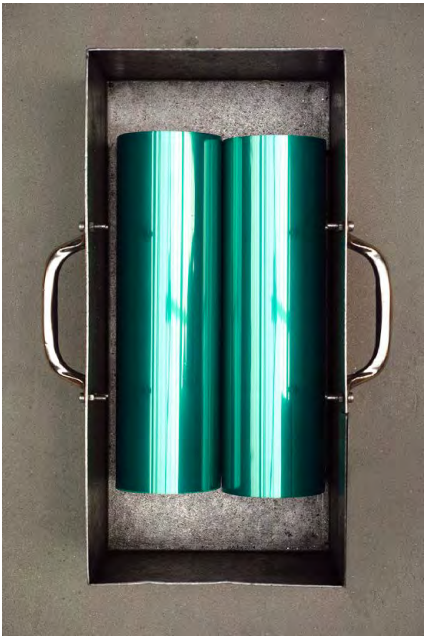
To create your labels or label sheets, we only need one of the following information of the component to be masked:

- 3D data (step format)
- Drawing of the component
- Drawing of the label
- Sketch of the label
- Sample of the component
- Label sample

On request, we can remove the waste cuttings to enable the labels to peel off more easily from the liner.



OUR MOST USED
MATERIALS FOR LABELS:

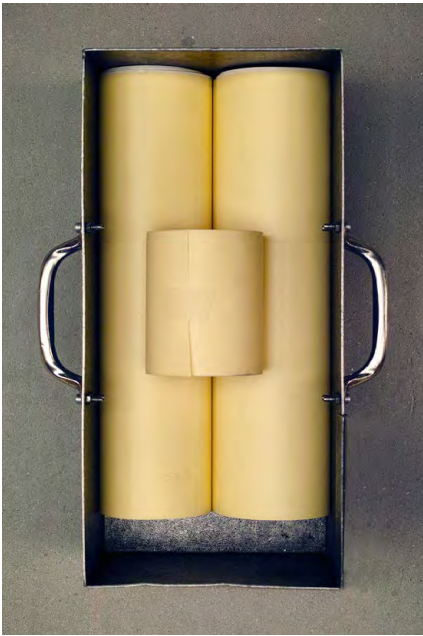



220° C
HEAT
RESISTANT

1

APPLICATION AREAS
Powder coating, wet painting and KTL

MATERIAL DESIGNATION
Polyester (adhesive: silicone)




160° C
HEAT
RESISTANT

2

APPLICATION AREAS
Wet paint

MATERIAL DESIGNATION
Flat crepe paper (adhesive: rubber)

MASKING TAPE –
INDIVIDUALLY MANUFACTURED

If you have not found your required masking tape width in the “Masking” section, we will be happy to cut your masking tape to size.



CONTOUR COVERS

We manufacture contour-precise seals and covers according to your specifications.

These blanks can be made from different materials as seen below. Other materials, such as FKM or EPDM, are possible. All materials are available in different thicknesses.

To create your contour cover, we only need one of the following pieces of information from you about the component to be masked:

- 3D data (step format)
- Drawing of the component
- Drawing of the cut
- Sketch of the cut
- Sample of the component
- Sample of the cut



Contour cuttings from silicone blanket

The base material is also available by the metre.



230° C
HEAT
RESISTANT



Contour cuts from silicone rubber foam

The base material is also available by the metre.



315° C
HEAT
RESISTANT



Contour cuts made of magnetic silicone rubber

These materials are available with different magnetic holding power and heat resistance.



Contour cuts are also available as combinations. This allows us to combine different materials according to your requirements.

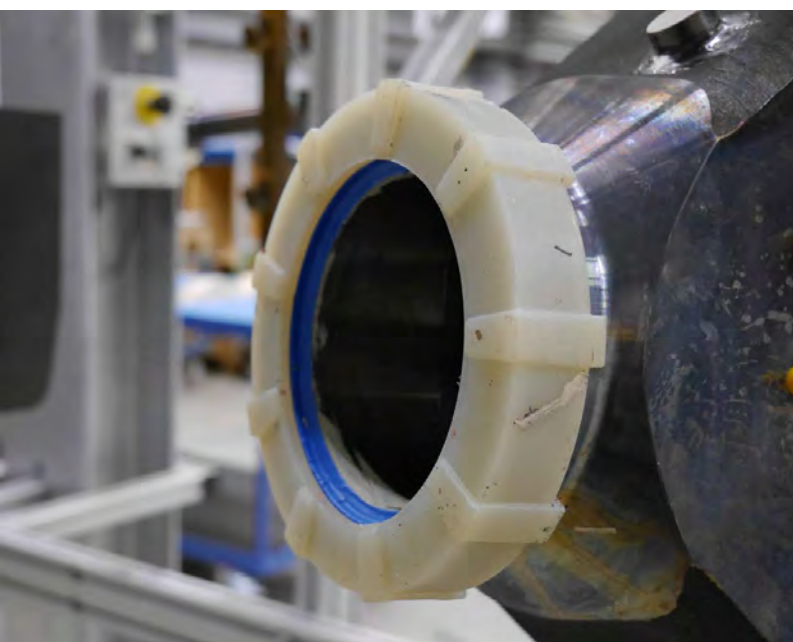
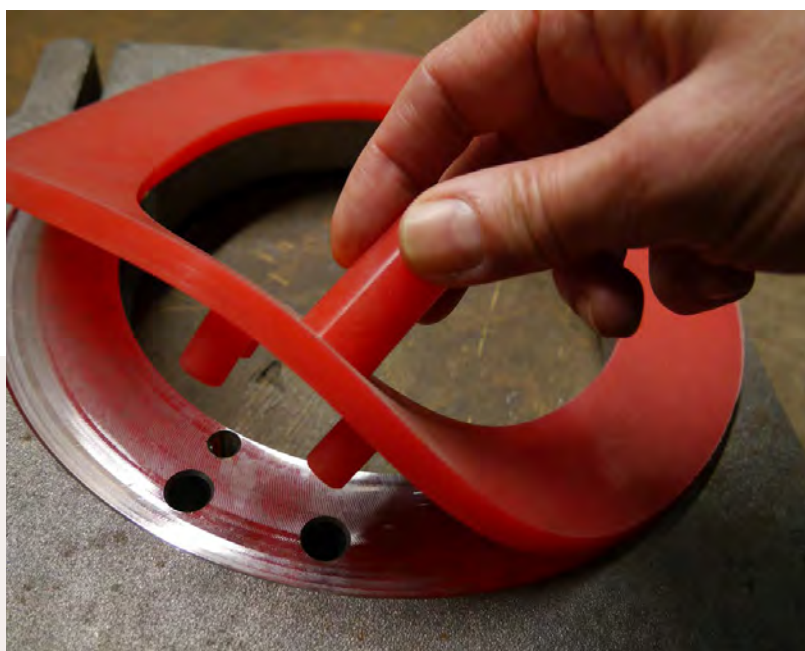
SPECIAL MASKING

If you cannot mask your component with standard masking material or if this is not economical, we will be happy to develop a custom-fit masking.

The masking can be made of various materials (e.g. silicone, EPDM, FKM etc.).

Interested to learn more? Then talk to us!

Cover ring with fixing spikes for a better hold and grips for quicker unmasking.



Large cover rings are stiffened by ribs. This achieves a dimensionally stable masking.



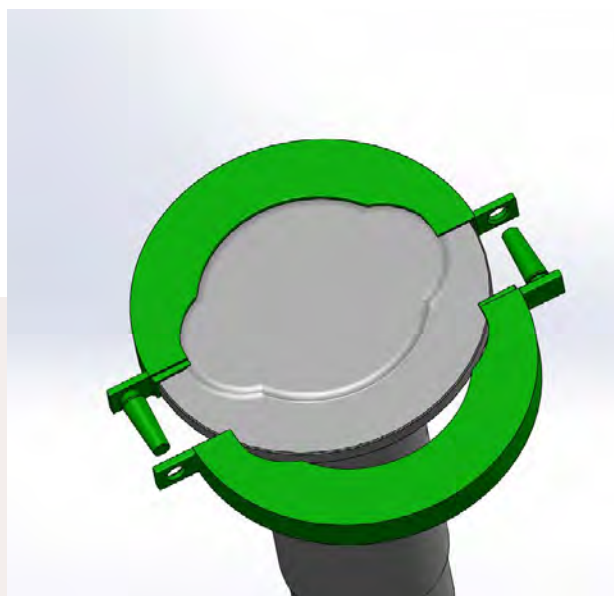
Special cover with three functions.

Masking of:

- Screw-on area
- Tube opening
- Screw-on holes

Drafts and elaborations are developed in CAD as 3D models.

For some masking requirements it is necessary that the cover is divisible.



Pull-through plugs for masking the contour of the surface and protecting the bore.



A combination with metallic elements is possible.
This can be e.g. a screw connection.

DEVELOPMENT IN 3D PRINTING

If you are in a hurry, we can make masking for you using 3D printing.

The use of liquid silicone has proven particularly effective for achieving the best possible results, as it is very durable and heat-resistant up to 220 °C.

For small quantities, we also offer non-heat-resistant covers made of PLA and ABS. In addition, we use 3D technology to produce practical test samples so that functionality and handling can be checked before a silicone mold is manufactured.



Two 3D-printed mould halves with handcast silicone moulded part.



SPECIAL HOOKS & WIRE BENDING PARTS

Due to our large and modern CNC-controlled machine park in the field of wire bending technology, we are able to offer you a wide range of different bent parts. The bent parts can be manufactured two-dimensionally and three-dimensionally. We can deliver all hooks loose in a box, bundled or packed in bags.

- Diameter 1 to 30 mm
- Lengths 20 to 2,000 mm
- Square material 1 to 20 mm
(flat or bent over the edge)
- Flat steel

The following materials are most commonly used:

- Steel S235 JR
- VA spring steel 1.4310
- Aluminium
- Steel S355
- Stainless steel 1.4301
- Spring steel grade B

Other materials available on request.

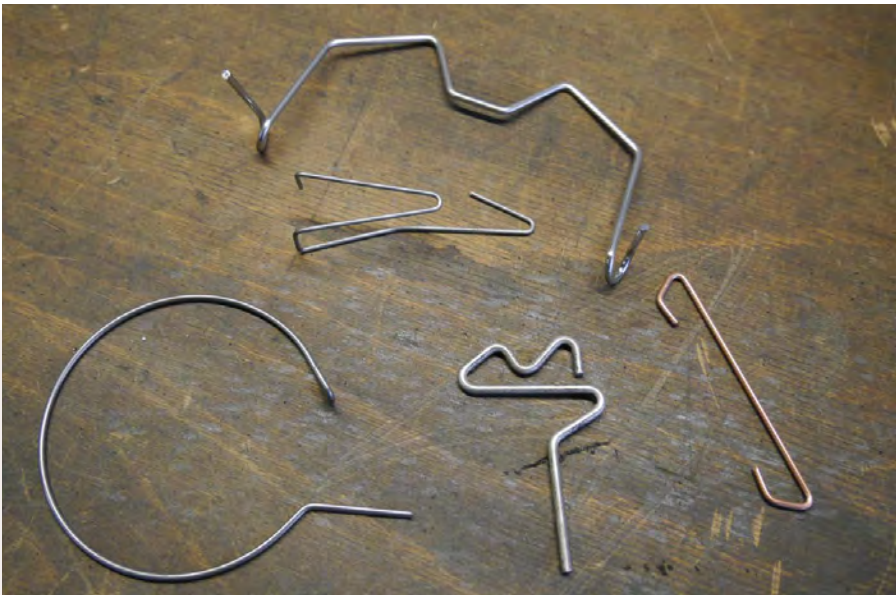




Bending parts made of square and round material with diameters between 8 and 30 mm.



Two-dimensional and three-dimensional wire bending parts with diameters between 1.5 and 3 mm.



Spring clips made of VA spring steel and suspension hooks made of flat material (30 x 8 mm).

LOAD TESTING

Our tensile testing machine enables precise load testing of paint hooks up to a tensile and compressive force of 10 tons. The geometry of the paint hook is decisive for the load capacity.

We can test paint hooks and racks with a length of up to 600 mm in their original form. For longer paint hooks, we create a sample that meets the maximum test specifications. This has no influence on the result of the load-bearing test.

We provide you with comprehensive operating instructions for each load-bearing test.

GUIDELINES FOR THE LOADING OF PAINTING HOOKS

according to DIN EN 13155:2020

Long-term use (SF2) corresponds to:

Elastic state: The mechanically load-bearing parts must be dimensioned so that they can withstand a static load corresponding to twice the load they must withstand under the intended operating conditions without permanent deformation occurring.

Short-term use (SF3) corresponds to:

Plastic state: The mechanically load-bearing parts must be dimensioned in such a way that they can withstand a static load corresponding to three times the load they must withstand under the intended operating conditions without the load coming loose, even if permanent deformation occurs.



Influencing factors on the load capacity of paint hooks



Hook shape
(round or square)



90° rotation



Length of the
painting hook

CE -certified painting hooks & racks

CE

What does CE certification involve?

Our CE-certified products (paint hooks with a wire thickness of 6 mm or more) come with detailed operating instructions that include all relevant safety and usage information.

These include:

- Type of load and precise load specifications, which are subject to an annual inspection
- Approved surface treatments, such as sandblasting, chemical or thermal paint removal
- Intended use to ensure safe handling
- Important safety instructions to prevent accidents and misuse

With our CE-certified hooks, frames, and crossbeams, you can rely on maximum safety, tested quality, and long-term reliability in your manufacturing processes.



More safety and quality for your painting process

Our CE-certified painting hooks and rack technology offer you the highest level of safety and quality for industrial applications. Whether hooks, racks, or crossbars — all components comply with strict CE guidelines and offer a reliable solution for safe use in production and coating processes.

Why is CE marking important? CE certification not only provides legal protection, but also contributes significantly to occupational safety. It ensures that our products comply with applicable safety standards and guarantee reliable use in your paint shop.



Special features of painting hooks with a wire thickness of less than 6 mm

Instead of a declaration of conformity (CE), a manufacturer's declaration is issued in accordance with the Machinery Directive. This confirms that the hooks meet all requirements of the Machinery Directive and the relevant standards for load-bearing equipment — with the exception of the marking to be affixed directly to the load-bearing equipment (LAM).

Since direct marking on such thin wire is technically impossible, the necessary identification features (e.g., type, material, rated load, date of manufacture) are specified in the operating instructions and, if necessary, on an additional information label on the box. The operator is responsible for handling the hooks in such a way that this information is always clearly traceable.

In terms of manufacturing, the hooks are produced under the same quality assurance measures as CE-certified hooks. The only difference is in the formal labeling. Technically, however, the products fully comply with the requirements for a CE-certified product. This means you receive a product that meets the same safety standards as a CE-certified hook. The manufacturer's declaration is just as binding as a declaration of conformity and guarantees the same technical safety.

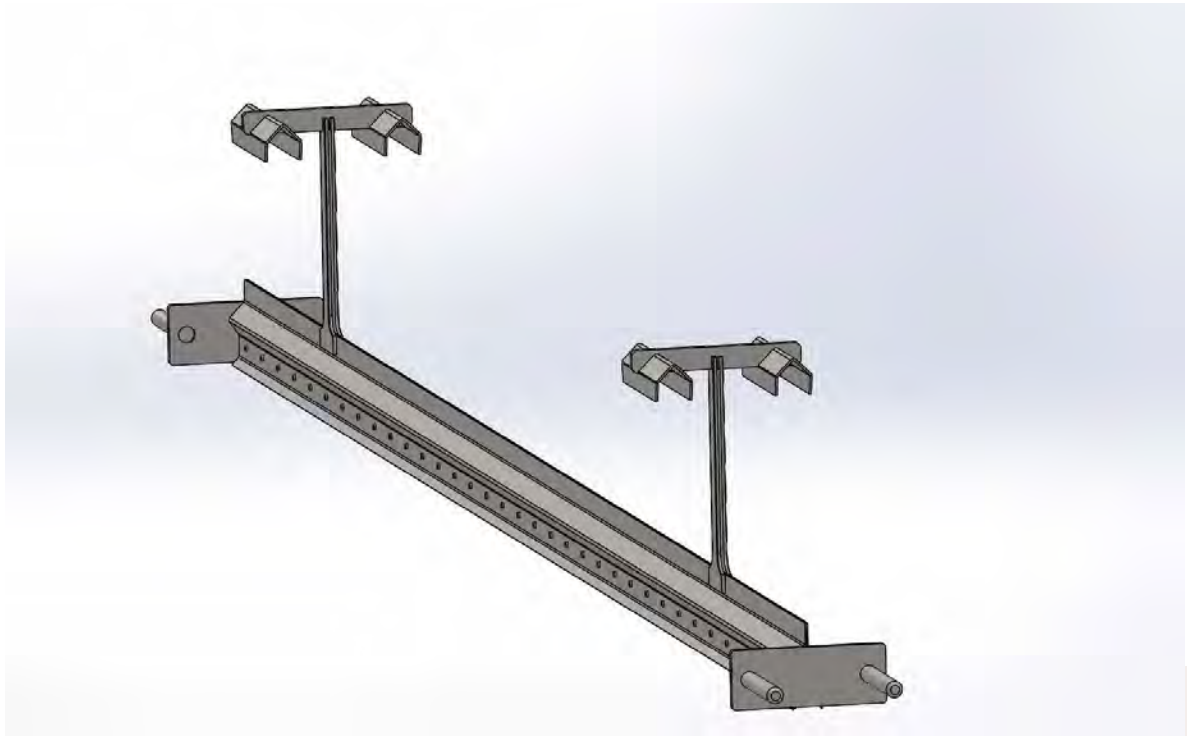


CROSSBARS – INDIVIDUALLY MANUFACTURED

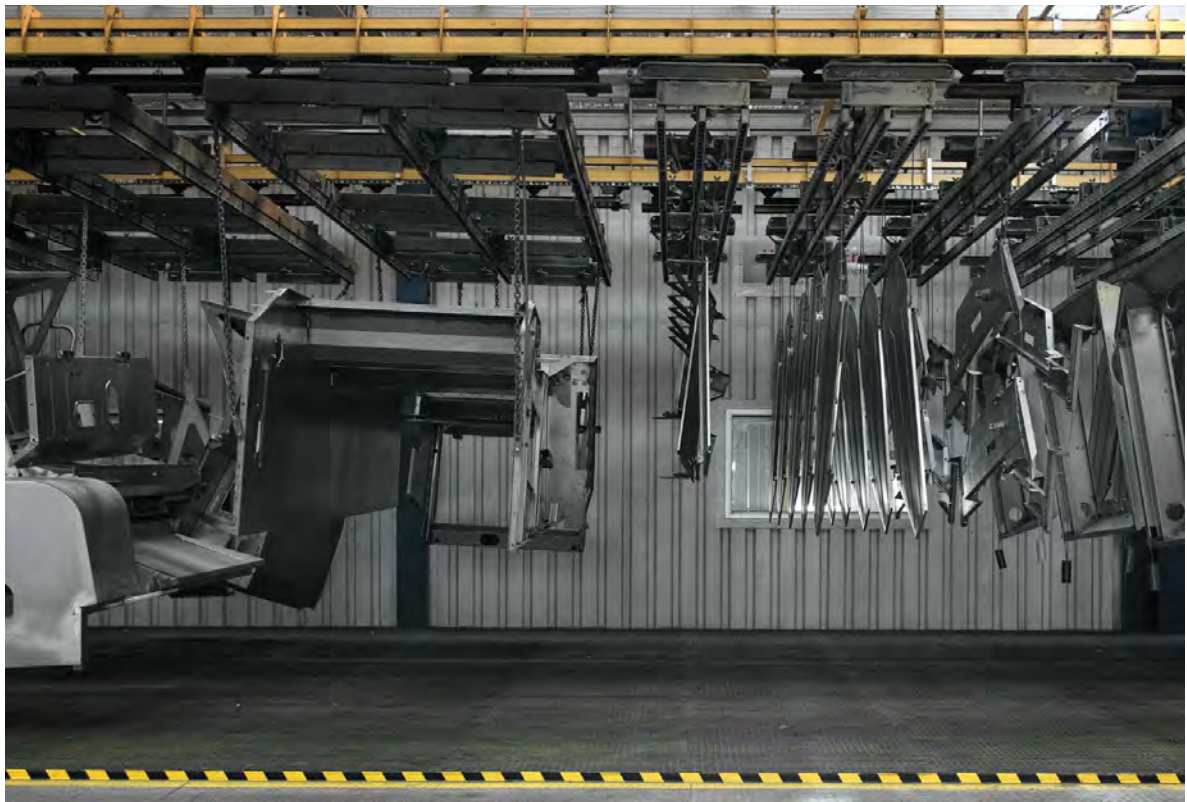
From small crossbars to form tiers, heavy-duty crossbars to large main crossbars – with us you get advice, development and production from a single source.



Crossbar suitable for painting trolley,
made of flat material as a serrated bar.



Main crossbar with a length of 7 m made of sheet metal ($t=4$ mm) with hanging options for two different conveyor systems.



ROTATING DEVICES – INDIVIDUALLY MANUFACTURED

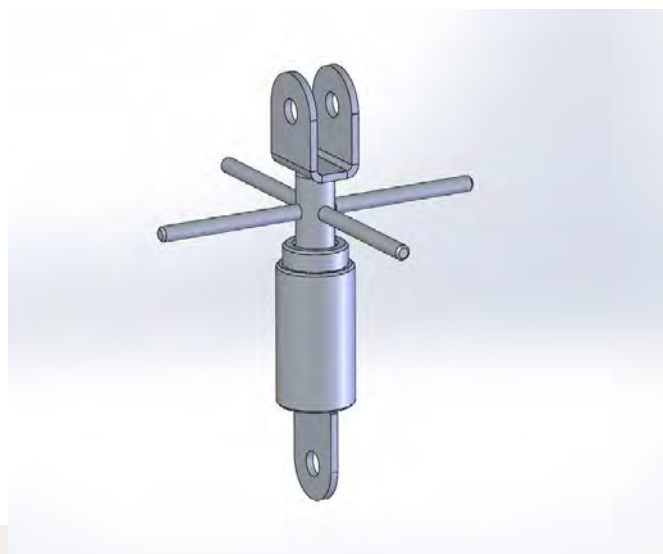
In addition to our standard selection of turning devices (page 38), we also manufacture customised solutions to meet your requirements. It does not matter whether you want to take small or large loads.



Rotating device adapted to the painting system (loadable up to max. 750 kg).



Open rotating device with a lock of 90° each.



Optimised standard turning device (DV.02) with welded-on round bars for forced rotation.

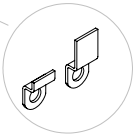
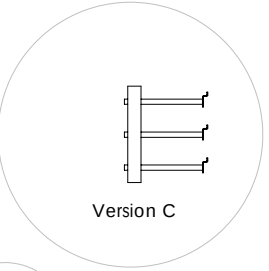
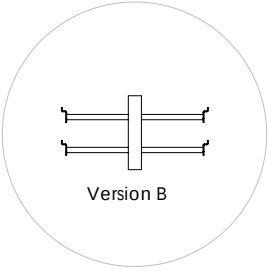
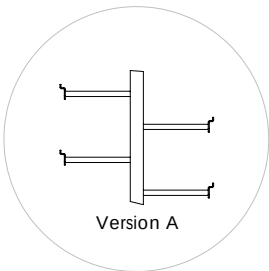
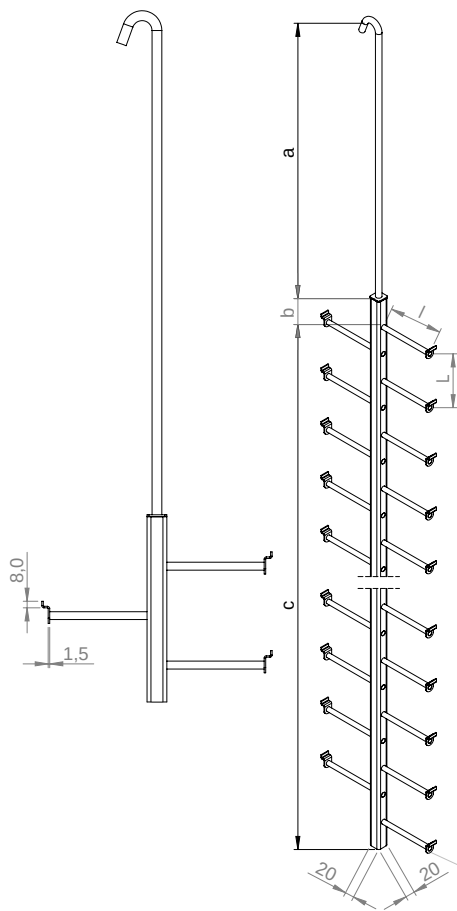
PROFILE RACK SYSTEM

Differing from our standard profile rack system (page 82), we also offer individual solutions.

The drawing below shows you different approaches to a solution that you can use for your enquiry.

Many variations, such as split racks and combination options, are possible.

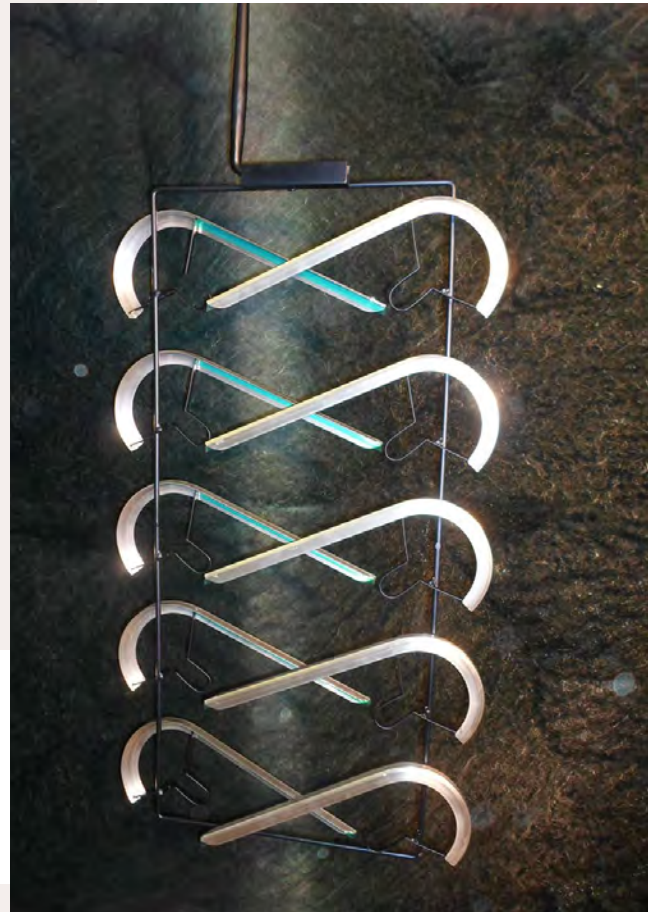
We shall be pleased to help with your request.



METAL MATRIX RACKS & HANGING SOLUTIONS

On the following pages we offer you a small insight into the field of hanging solutions. These can be completely newly developed solutions, but modified standard solutions are also possible. We develop these solutions for all areas of surface technology.

All systems are always manufactured individually according to your requirements.



Metal matrix frame with optimum utilisation of the painting field. The chain guards are held in place by welded-on clamping springs.



Customised painting hanger with welded-on standard components (square tubes of the flex hanger).



Hook shaft vertical for universal holding of different sheet metal parts.



Vertical hanger with firmly welded support arms. The components are offset on both sides.



Metal matrix rack for a floor conveyor. The plastic grid is held in place by wire brackets and two clamping springs.

Universal KTL immersion box with several mounting levels for flexible equipment. The component to be coated is picked up in a crossbar by means of hooks. This works on the principle of a dipping bell, so that the contact points always remain free of paint.

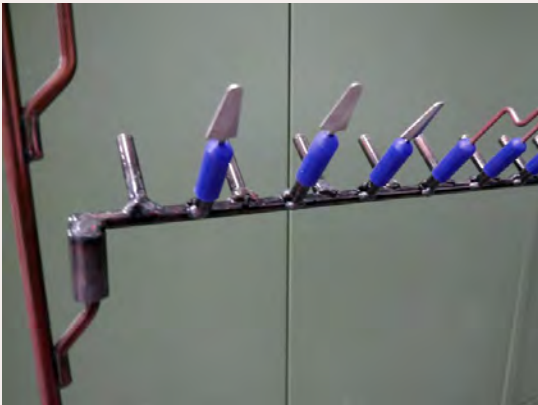




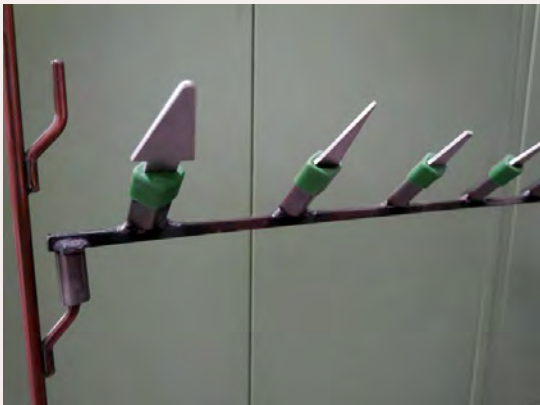
With this frame, components are held by magnets that can be placed according to the customer's requirements. In order to prevent swinging through, support spiders are fitted to this variant.

STANDARDISED WELDING COMPONENTS

By using standardised weld-on components, we can offer you flexible mounting solutions. These components can be used both vertically and horizontally. A variety of inserts are available for these tubes.



Sleeve hangers



Stable square tube holder



WELD-ON CONTACTS

Our weld-on contacts are suitable for clamping and suspending components. This can be done with one weld-on contact per component or with several weld-on contacts, for clamping and fixing larger components. Some of the weld-on contacts are pressed with a sleeve so that they can be welded to racks or painting crossbars.

All weld-on contacts are made to customer specifications. On the following pages you will see a selection of standard forms – custom forms are also possible.

We are also happy to manufacture complete frames with weldon contacts.

We will be happy to advise you.

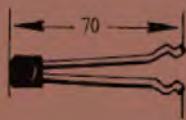


ALL CONTACTS ARE MADE OF VA SPRING STEEL (1.4310). OTHER MATERIALS ARE AVAILABLE ON REQUEST. WELD-ON SLEEVE MADE OF STEEL (S235 JR), ON REQUEST ALSO MADE OF V2A.

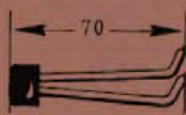
WELD-ON CONTACTS

CONTACTS CAN BE MADE FROM THE FOLLOWING MATERIAL CROSS-SECTIONS.
ROUND: Ø 1.0–Ø 6.0 MM / FLAT: THICKNESS 1.0 MM–2.0 MM, WIDTH 8.0 MM–20.0 MM

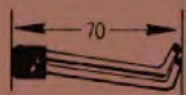
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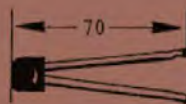
ARTICLE NO. 7



ARTICLE NO. 13



ARTICLE NO. 2



ARTICLE NO. 8



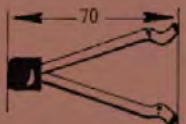
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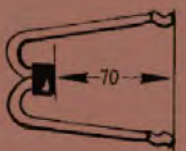
ARTICLE NO. 3



ARTICLE NO. 9



ARTICLE NO. 15



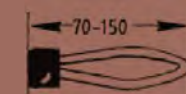
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ARTICLE NO. 10



ARTICLE NO. 16



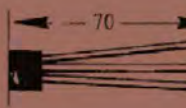
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ARTICLE NO. 11



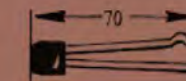
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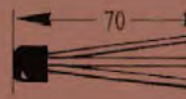
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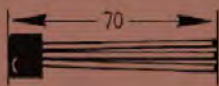
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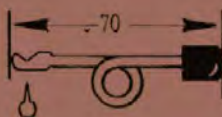
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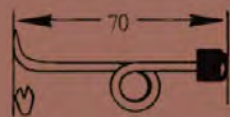
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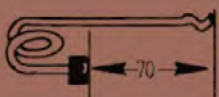
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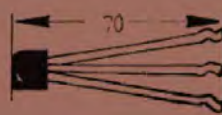
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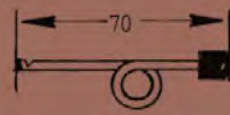
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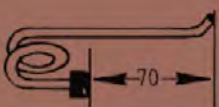
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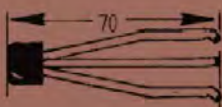
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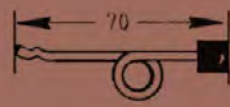
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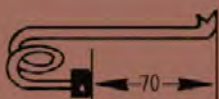
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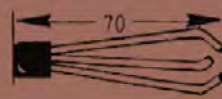
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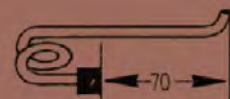
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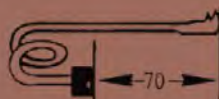
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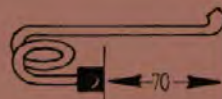
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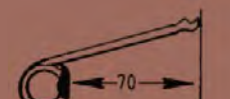
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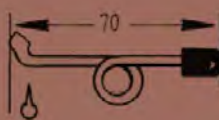
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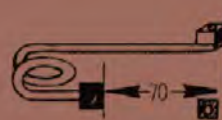
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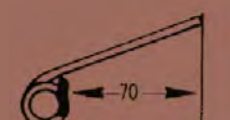
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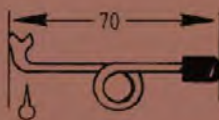
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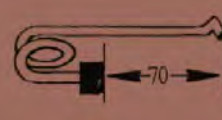
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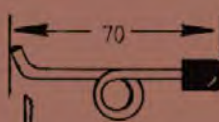
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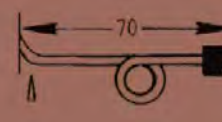
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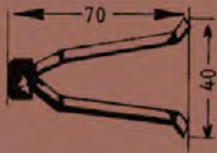
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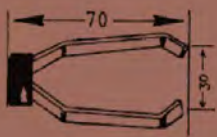
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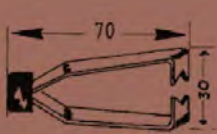
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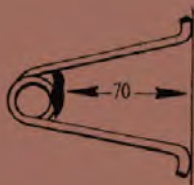
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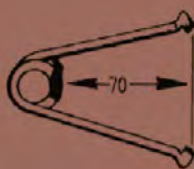
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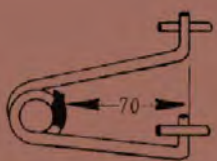
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ARTICLE NO. 47



ARTICLE NO. 48



ARTICLE NO. 49



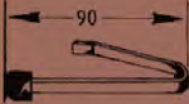
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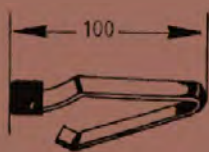
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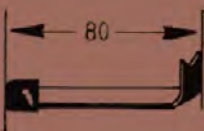
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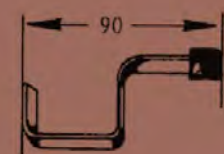
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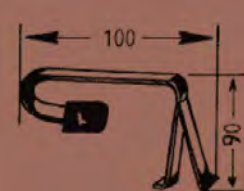
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ARTICLE NO. 57



ARTICLE NO. 58



ARTICLE NO. 59



ARTICLE NO. 60



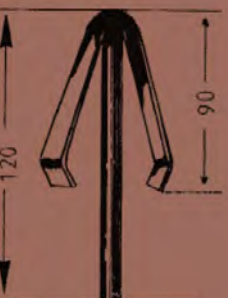
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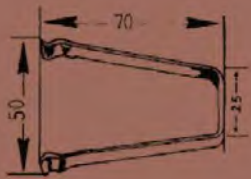
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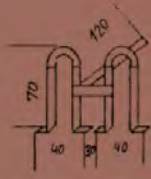
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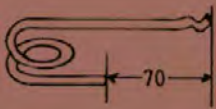
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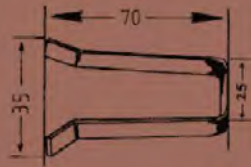
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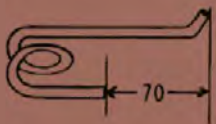
ARTICLE NO. 66



ARTICLE NO. 74



ARTICLE NO. 82



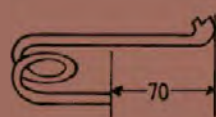
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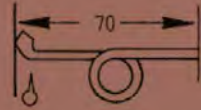
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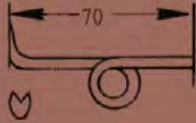
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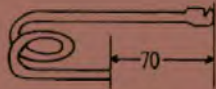
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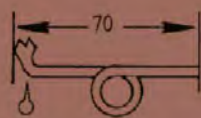
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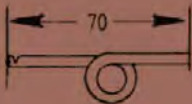
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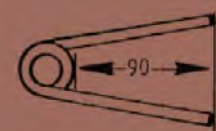
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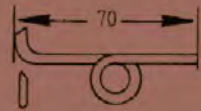
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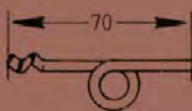
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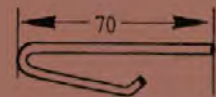
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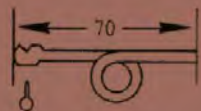
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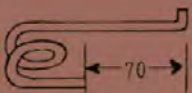
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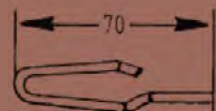
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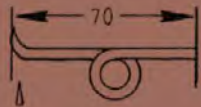
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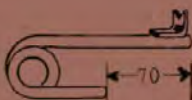
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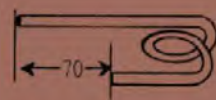
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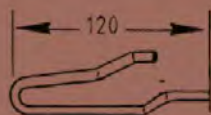
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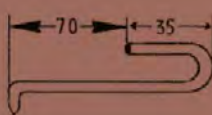
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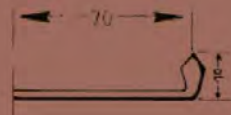
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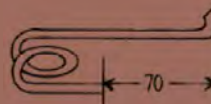
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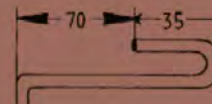
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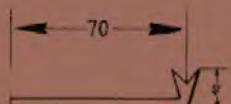
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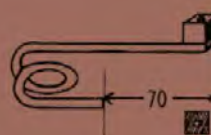
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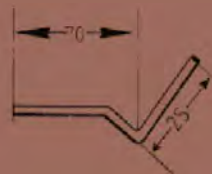
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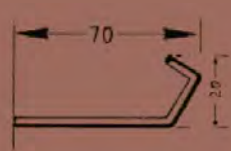
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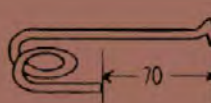
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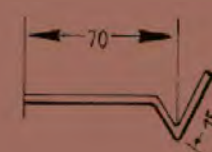
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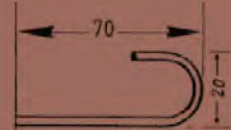
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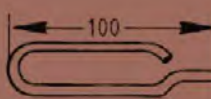
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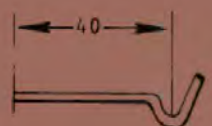
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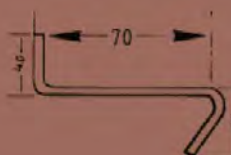
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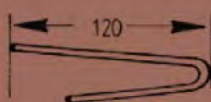
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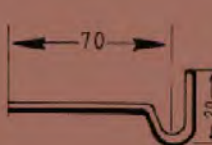
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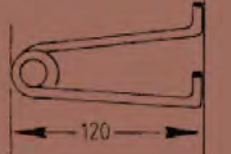
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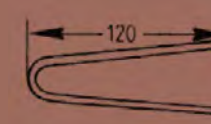
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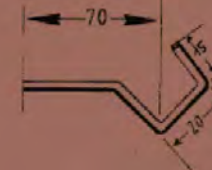
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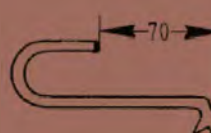
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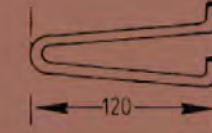
ARTICLE NO. 103



ARTICLE NO. 96



ARTICLE NO. 104



CRIMPED MESH RACKS

We manufacture crimped mesh racks for loose placement of components according to your individual specifications. Please use the three suggestions below and tell us the dimensions you need.

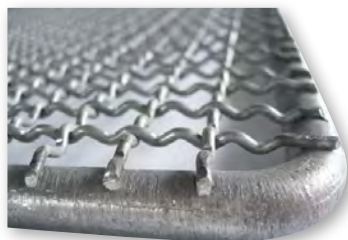
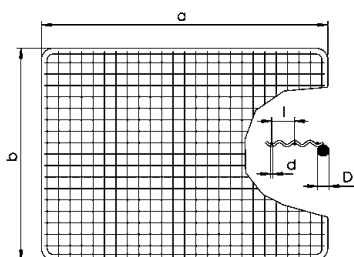
Most popular variants:

- Crimped mesh: Meshing 20/20/2 mm
- Round wire frame $\varnothing$ 10 mm
- Sheet metal frame folded as U from $t=1$ mm, 15 mm wide, spot welded at the corners
- Angle steel frame 15/15/3 mm

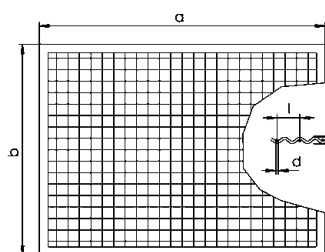
We can also manufacture this type of rack for you from spot-welded mesh.



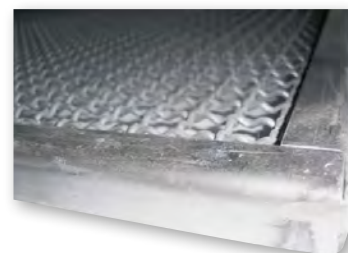
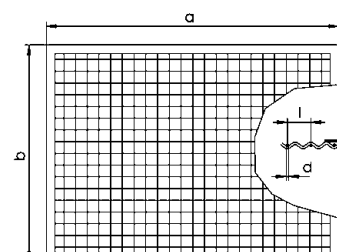
WIRE FRAME WITH
CRIMPED MESH



SHEET METAL FRAME
WITH CRIMPED MESH



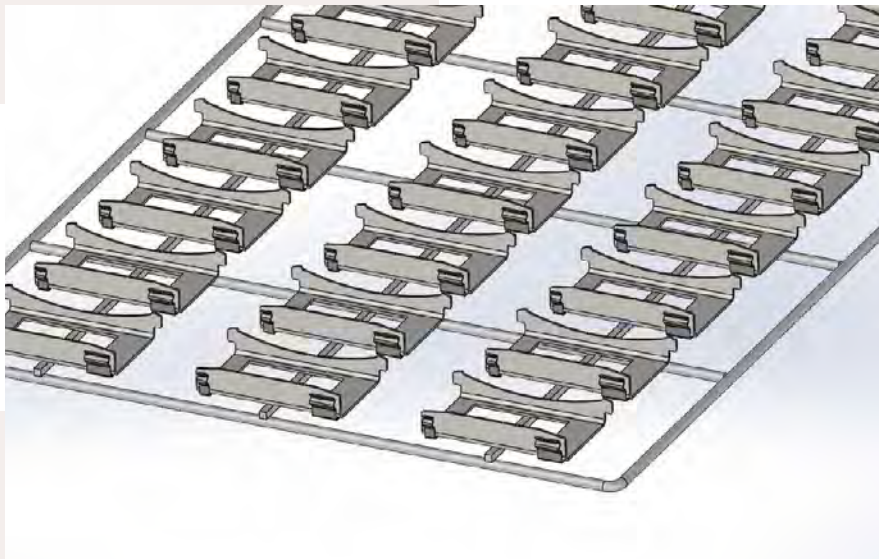
ANGLE STEEL FRAME
WITH CRIMPED MESH



PAINTING RACKS – INDIVIDUALLY MANUFACTURED

Does your component or the requirement for painting quality not allow you to use a standard painting rack? Then it is advisable to resort to a custom-made rack.

Here, your component can be picked up with contour accuracy using wire bending parts or sheet metal blanks. If it is additionally necessary to fix your component via springs or to mask partial areas, this can also be realised.



Laser-cut and edged part holders, fixing of the parts by two springs each on the rack.

Rack for hand painting stand for contour-accurate pick-up of the component.



TRANSPORT, PAINT STRIPPING & STORAGE SYSTEMS

On the following pages we present a small overview of transport, paint stripping and storage systems.

These systems are always manufactured individually according to your requirements.



Paint stripping rack suitable for customised paint crossbars.



Transport and storage trolley for painting crossbars.



Storage and drying trolley for painting racks.



Storage and drying trolley for painting skewers.



Preloading trolley for metal matrix racks including trolley for quick transfer to the painting line.



Transport and storage box for painting fixtures with optimum use of space.

TERMS OF DELIVERY AND PAYMENT

1. General

The Purchaser's terms and conditions shall not apply unless they are expressly recognised by us in writing. The terms and conditions of business shall apply in particular in the case of permanent terms and conditions of business also to future transactions in which no express reference is made to them, insofar as they have been received by the Purchaser in the case of an order previously executed by us.

2. Offers, placing of orders, agreements as well as supplements and amendments

2.1. Our offer prices are non-binding unless they are designated as firm offers. We are not bound to previous prices for new orders (follow-up orders).

2.2. Order placement, agreements as well as supplements and amendments are only binding if they are confirmed by us in writing. This also applies to a waiver of the written form requirement. The delivery periods and prices stated in the order and delivery notes as well as the information communicated by telephone are for information purposes only and are not legally binding unless they are expressly confirmed as legally binding.

2.3. In principle, only our description in the offer shall be deemed agreed for the quality of the goods. The documents belonging to the offer such as illustrations, drawings, samples, indications of weight, colour and dimensions are only approximate unless they are expressly designated as binding.

3. Delivery deadlines and provision of materials

3.1. Delivery periods shall commence after receipt of all documents required for the execution of the order, the agreed down payments and timely provision of materials. Compliance with the delivery period shall be conditional upon the fulfilment of the contractual obligations of the Purchaser.

3.2. Delivery periods are subject to timely delivery to us, unless we have promised binding delivery periods in writing. Upon notification of readiness for dispatch, the delivery period shall be deemed to have been met if dispatch is delayed or becomes impossible through no fault of ours.

3.3. If an agreed delivery deadline is not met due to our fault, the Purchaser shall be entitled, to the exclusion of any further claims, to claim compensation for delay or to withdraw from the contract after the expiry of a reasonable grace period, if he has pointed out the refusal of performance when setting the grace period. Compensation for delay shall amount to 0.5% for each full week of delay, up to a maximum of 5% in total of the value of that part of the delivery which has not been made within the confirmed period of grace.

3.4. Call-offs and specifications of individual partial services shall be made in the most uniform time periods and quantities possible in such a timely manner that proper manufacture and delivery is possible within the contractual period. If a time limit is not specified, a period of 3 months shall be deemed agreed.

3.5. Events of force majeure shall extend the delivery period appropriately. This shall also apply in the event of official interventions, energy and raw material supply difficulties, strikes, lockouts and unforeseeable delivery difficulties, insofar as we are not responsible for them.

3.6. If materials are delivered by the Purchaser, they shall be delivered in good time and in perfect condition at the Purchaser's expense and risk with a reasonable quantity surcharge of at least 5 %. In the event of non-fulfilment of these prerequisites, the delivery time shall be extended accordingly. Except in cases of force majeure, the Purchaser shall bear the additional costs incurred by us if the goods are not provided on time.

4. Shipping, delivery

4.1. Delivery shall be made ex our head office (EXW – Incoterms 2010). The goods are shipped for the account and at the risk of the Purchaser. Unless otherwise agreed, we shall choose the packaging, method and route of dispatch. Even in the case of carriage paid delivery, the risk shall pass to the Purchaser when the delivery item leaves the factory. In the event of delays in dispatch for which the Purchaser is responsible, the risk shall already pass upon notification of readiness for dispatch. At the written request of the Purchaser, the goods shall be insured at his expense against storage, breakage, transport and fire damage.

4.2. Reasonable partial deliveries as well as deviations from the order quantities of up to +/- 10 % are permitted to us.

5. Retention of title

The deliveries remain our property until full payment of the purchase price.

6. Prices and terms of payment, right of retention

6.1. All payments shall be made in euros exclusively to us. Unless otherwise agreed, our prices are ex our head office excluding freight and VAT. The minimum order value is 50,- Euro.

6.2. Unless otherwise agreed, payments shall be made within 30 days of the invoice date without deduction of any discount. Further payment terms require express written agreement.

6.3. The purchase price for moulds and tools shall be paid net in each case at 50% after order confirmation and at 50% no later than 4 working days after submission of the outturn samples in accordance with the contract. Upon confirmation of change orders by the Purchaser before completion of the mould, all costs incurred up to that point shall be reimbursed insofar as they exceed the down payment.

6.4. The granting of a cash discount is subject to the settlement of all invoices due earlier. No discount will be granted for any payments by bill of exchange. Invoice settlement by bill of exchange is made on account of payment. Payment by bill of exchange requires our express consent. Discount, bill of exchange and expense costs shall be borne by the Purchaser. Only the value of the goods without freight is eligible for cash discount.

6.5. The Purchaser may only offset or assert a right of retention if its claims are undisputed or have been finally determined by a court of law. In the event of a justified and timely notice of defects, the Purchaser shall only be entitled to defer payment of that part of the invoice which relates to the defective delivery.

6.6. Non-compliance with payment terms or circumstances which give rise to serious doubts about the creditworthiness of the Purchaser shall result in the immediate maturity of all our claims. Furthermore, in this case we are entitled to demand advance payments or the provision of a letter of credit for outstanding deliveries and to withdraw from the contract after the unsuccessful expiry of a reasonable period.

7. Default of payment by the Purchaser

In the event that the Purchaser exceeds the payment terms, we shall be entitled to demand interest on arrears in the amount of 8 % from the currency of the default.

8. Moulds and tools

The price for moulds and tools does not include the costs for testing and processing devices as well as for modifications initiated by the Purchaser. Unless otherwise agreed, we are and remain the owner of the moulds and tools manufactured for the Purchaser by us or by a third party commissioned by us. Moulds and tools paid for by the Purchaser shall only be used for the latter's orders as long as he meets his payment and acceptance obligations. Our obligation to store the goods shall expire two years after the last partial delivery from the mould and the tool.

9. Obligation to examine and give notice of defects

Complaints must be made in writing without delay, at the latest two weeks after receipt of the delivery. In the case of hidden defects which cannot be discovered despite proper inspection of the incoming goods, the period shall be extended to one week after discovery, but no longer than six months after receipt of the goods.

10. Warranty and Compensation

We shall be liable for defects in the delivery or work performance in the event of proper fulfilment of the obligation to inspect and give notice of defects by the Purchaser as follows:

10.1. Insofar as there is a defect in the object of sale, we shall be entitled, at our discretion, to remedy the defect or to deliver a defect-free item (supplementary performance). Should one or both of these types of subsequent performance be impossible or disproportionate, we shall be entitled to refuse them.

10.2. We may refuse subsequent performance as long as the Purchaser does not fulfil his payment obligations towards us to an extent that corresponds to the defect-free part of the service provided.

10.3. If the supplementary performance referred to in 10.1 is impossible or fails, the Purchaser shall have the option either to reduce the purchase price accordingly or to withdraw from the contract in accordance with the statutory provisions; this shall apply in particular in the event of culpable delay or refusal of the supplementary performance, as well as if this fails for the second time. The above provisions shall also apply in the event of delivery of a different item or a smaller quantity.

10.4. Unless otherwise stated below (clause 10.5), further claims of the Purchaser, irrespective of their legal basis (in particular claims for damages arising from a breach of ancillary contractual obligations, tort and other tortious liability and claims for reimbursement of expenses), are excluded; this applies in particular to claims arising from damage outside the purchased item and to claims for compensation for lost profit.

10.5. The exclusion of liability set out in clause 10.4 shall not apply in the case of liability for damages resulting from injury to life, body or health caused by a culpable breach of duty by us, one of our legal representatives or vicarious agents; it shall also not apply in the case of liability for other damages caused by an intentional or grossly negligent breach of duty or by an intentional or grossly negligent breach of duty by one of our legal representatives or vicarious agents. Furthermore, the exclusion of liability shall not apply in cases in which liability is assumed under the Product Liability Act for personal injury or property damage to privately used objects. It shall also not apply in the event of the assumption of a guarantee and the assurance of a characteristic if it is precisely a defect covered by this that triggers our liability. A guarantee or assurance in the sense of an intensification of liability or assumption of a special obligation to indemnify shall only be deemed to have been given if the terms "guarantee" or "assurance" are mentioned. In the event of reimbursement of expenses, the above shall apply accordingly.

10.6. No warranty is given for damage due to the following reasons: unsuitable or improper use, faulty machining or processing by the Purchaser or third parties, faulty or negligent handling, chemical or electrochemical influences (insofar as we are not responsible for them).

11. Statute of limitations

The warranty claim shall become statute-barred one year after delivery of the purchased item, unless a case of fraudulent intent exists. The claims for reduction and the exercise of a right of withdrawal are excluded insofar as the claim for subsequent performance is time-barred. After expiry of the warranty period, the Purchaser shall not have the right to assert rights of retention due to the defectiveness of the goods or to refuse payment of the purchase price with reference to the defect. The Purchaser may, however, refuse to pay the purchase price to the extent that he would be entitled to do so on the basis of the rescission or reduction.

12. Property rights

Drawings, designs, samples, models, photographs, expert opinions or the like are our intellectual property, protected by copyright law and may not be made accessible to third parties, reproduced or distributed without our consent. The Purchaser acknowledges any industrial property rights to which we are entitled in connection with the delivered goods and undertakes to observe these and to defend them against infringement by third parties. Furthermore, he shall guarantee that the production and delivery of articles manufactured at his instigation do not infringe the industrial property rights of third parties and shall indemnify us against any claims.

13. Applicable law

All matters relating to the performance of this Contract not expressly or impliedly provided for in the Contract, i.e. the special agreements concluded between the parties and the General Terms and Conditions are governed by German law.

14. Place of performance and jurisdiction

The place of performance for the mutual obligations is our place of business. The place of jurisdiction for legal disputes is Osnabrück (Germany). However, we shall also have the right, at our discretion, to sue the Purchaser before the latter's general place of jurisdiction.

15. Partial ineffectiveness

Should individual provisions of this contract be or become invalid, this shall not affect the validity of the remaining provisions. The invalid provision shall be replaced by a substitute provision which comes as close as possible to the purpose intended by the invalid provision. This also applies in the event of contractual gaps.

As at: January 2018

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