

WIPER SYSTEMS

ALUMINUM ENCASED WIPERS | STEEL ENCASED WIPERS | MOULDED WIPERS | TELESCOPIC STEEL COVER WIPERS



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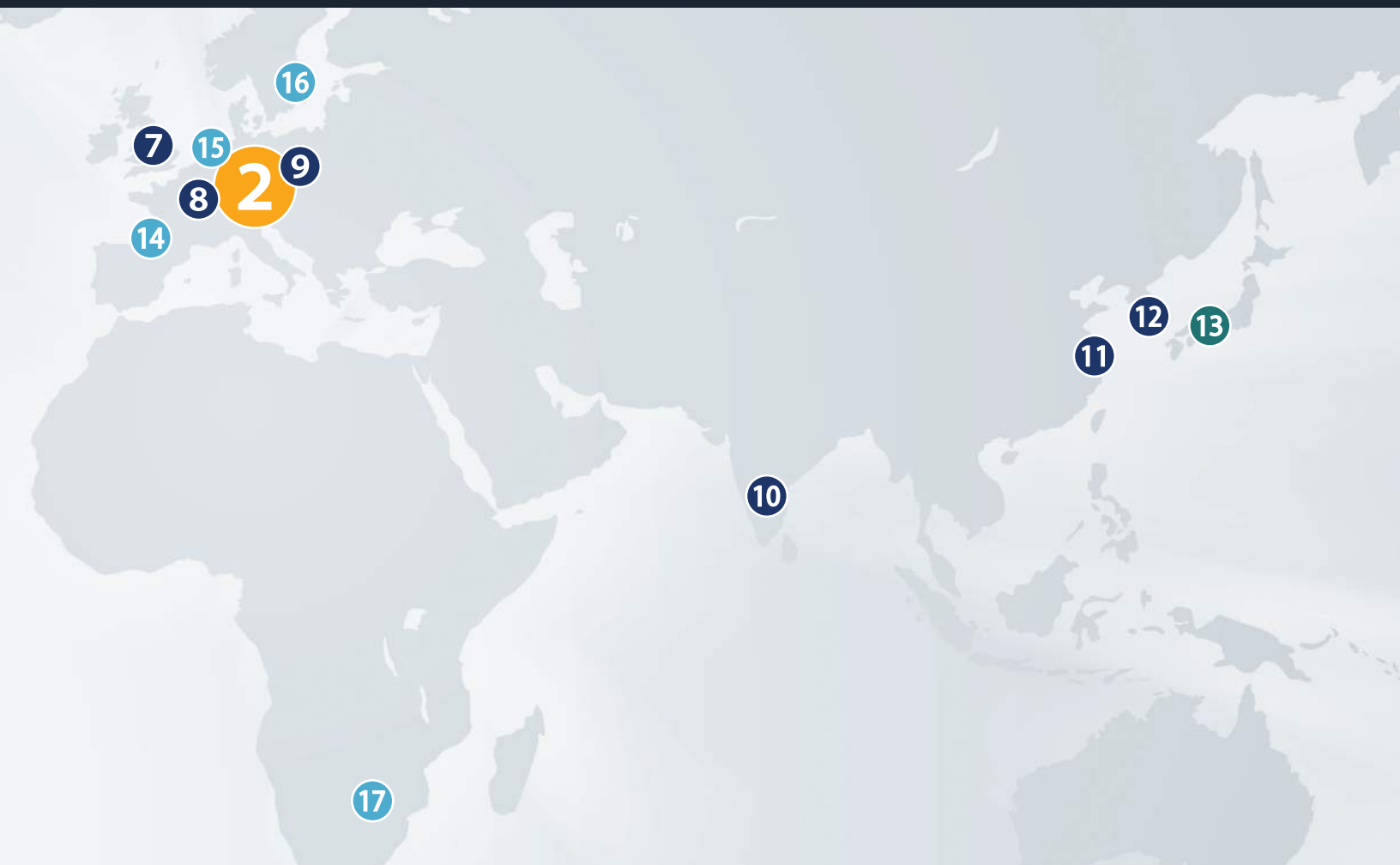
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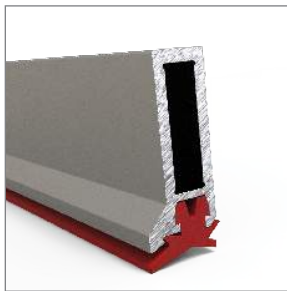
WIPER SYSTEMS

types

The huge field of applications in the machine tool sector has, over the years, created an increasing number of unique, specialized wipers as well as a large number of sealing solutions. Whether you require resistance to abrasion, oils, coolant, acids, or low coefficient and friction on guideways, we have wipers and sealant systems for any of your requirements.

- wide range of stock wipers
- any custom shapes according to your requirements
- excellent durability
- various material choices for resistance to oils, greases, coolants, chips, and high temperatures

WIPER DESIGNS

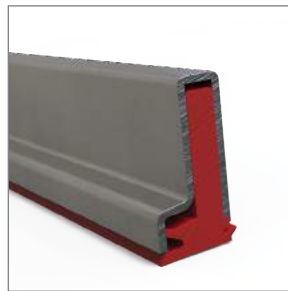


encased aluminum

- polyurethane 85 shore A wiper lip with aluminum carrier
- low weight
- low coefficient of friction

AL

see pages 4 for details



encased stainless steel

- polyurethane wiper lip with stainless steel carrier
- sealing on backside to prevent coolant flow
- high mechanical load capacity

AB

see pages 5 for details



molded

- NBR, FPM/Viton (83 A), H-NBR wiper lip with steel or aluminum insert
- short term temp 140°C
- constant temp up 100°C up to 200°C (FPM)

eN

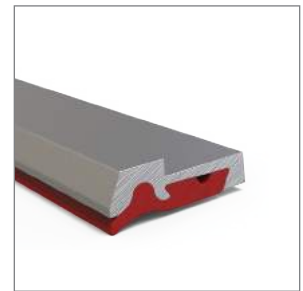
see pages 6 for details

SK, F

see pages 7 for details

HEMW

see pages 8-14 for details



telescopic covers

- polyurethane wiper lip (shore hardness determined by application) with steel carrier
- designed specifically for telescopic steel covers
- replaceable wiper lips

C

see pages 15-16 for details

CL1

see pages 15 for details

technical data, encased aluminum details

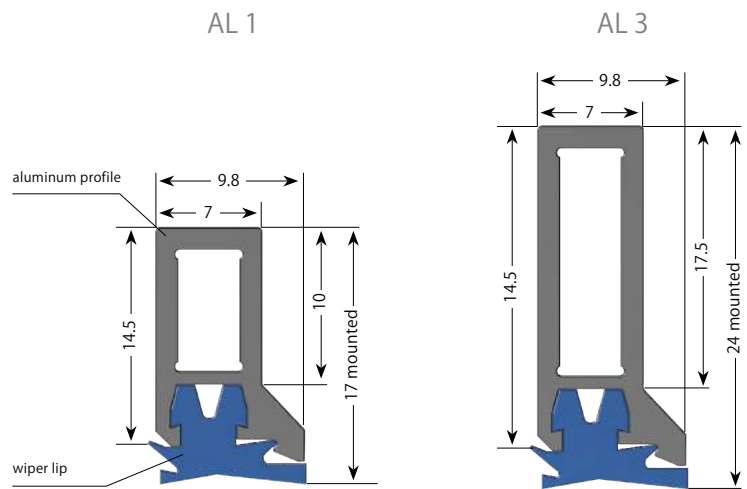
Series	Features	Design					Mount position	Recommended Use	Technical Data																													
		Standard length ex stock	Profiled form ex works	Minimum quantities, profiled (pieces)	Moulding cost	Standard lengths with holes			Customer-profiled	Vertical (to wiping surface)	Horizontal (to wiping surface)	Prototype/samples	Series	On pallet changers	On telescopic steel covers	Material of support profile	Material of wiper lip	Recommended pre-load (mm)	Replaceable wiper lip	Lip for 90° angles	Joint at the fastening surface	Two-way wiper lip	Resistance to permanently high temperatures	Resistance to short-term high temperatures	Resistance to abrasion	Resistance to tear propagation	Resistance to acids, alkaline solutions, petrol	Resistance to oil, coolants, water	Microbial protection									
		530																																				
AB (I, III, V)		1000 2000	●	--	--	★	●	○	●	●	○	○	CrNi	PU	0.5-1	x	x	x	--	90	130	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
AL (1, 3)		1000	--	--	--	★	●	○	●	●	○	○	AL	PU	0.5-1	x	--	x	x	80	130	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
eN (1, 2)		500		--	--	--	●	●	●	●	○	○	St	NBR	0.5-1	--	--	--	80	130	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
eN (1-8x2, 1-20x2)		500	●	--	--	★	●	○	●	●	○	○	St	NBR	0.5-1	--	--	--	100	130	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
F mini		500		--	--	★	●	○	●	●	○	○	St	SK	0.5-1	--	--	x --	100	130	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SK		--	●	50	x	--	○	○	●	●	○	○	St	SK	0.5-1	x	x	x	100	115	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CL1		--	●	--	--	--	○	○	●	●	○	○	St	PU	3-4	x	--	--	100	130	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

See page 15-16 for C-Series details

● Excellent ● Good ● Suited under certain conditions ○ Unsuitable

AL

- Particularly suitable in case of high volumes of coolants and swarf.
- Easy to cut and process, these wipers are ideal for service and repair.
- Anodized aluminum precision profile with integrated lip protection against hot swarf.
- Replaceable lip.
- The two-way wiper system prevents the penetration of swarf and coolant.
- Fastening with hexagon socket screws according to DIN 912, oval head or button head socket screw.
- The 90° connecting pieces ensure the connection of the wiper sides.

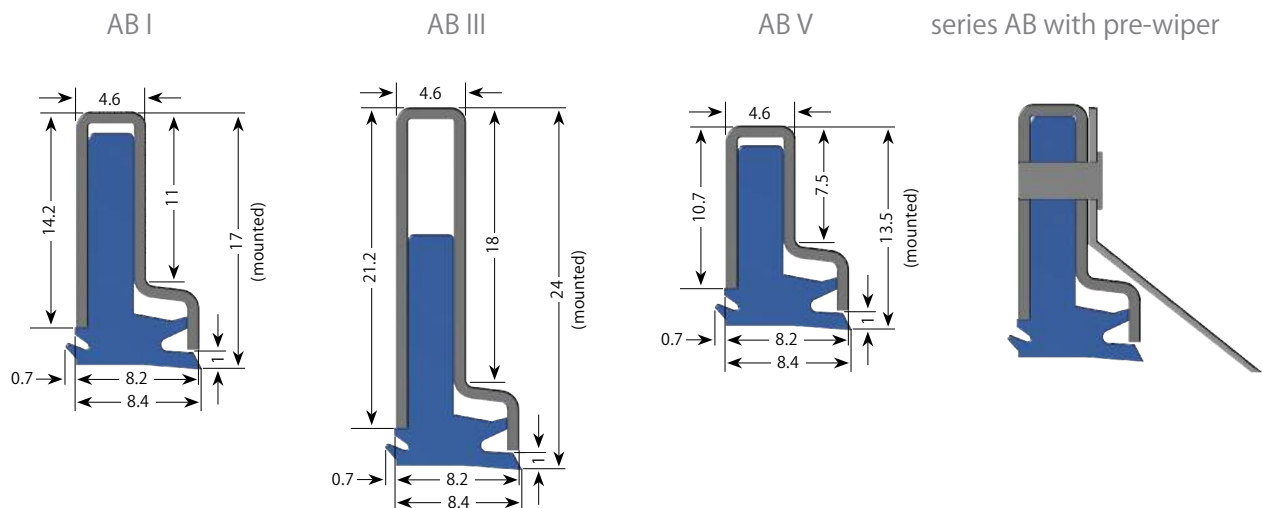


WIPER SYSTEMS

steel encased (AB I, AB III, AB V)

AB (I, III, V)

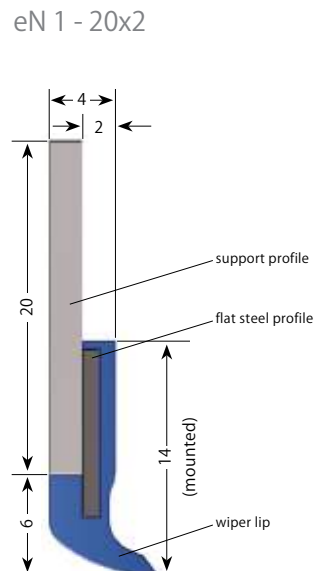
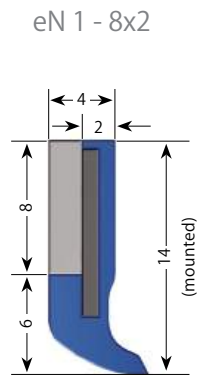
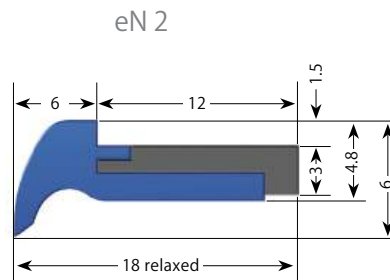
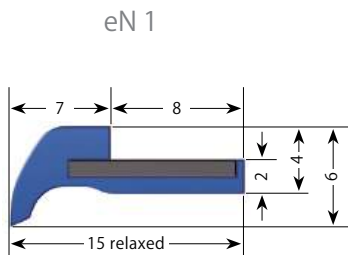
- For use in metal-cutting machines with large volumes of chips and coolants.
- Standard lengths can be profiled by the customer for service and repairs.
- Factory-profiled forms ensure an excellent wiping performance.
- Stainless steel support profiles ensure high mechanical stability under permanent load.
- With elastic, highly abrasion-proof polyurethane wiper lips. Permanent temperature resistance 90°C. Partly resistant to acids, leaches, and gasoline.
- Easy to replace.
- The miter joints of the wiper casing are welded.
- 90° wiper lip with a 45° chamfer molded in one piece.
- Protected against hot chips and mechanical damage.
- Standard lengths available in stock (mm): **AB I, AB III** - 530/1000/2000, **AB V** - 1000
- Can be profiled to nearly any designs according to drawing or sketch.
- Mounting holes included upon request.



molded (series eN)

eN Series

- Mainly used on telescopic steel covers as replacement or when space is limited.
- Particularly suitable for slideways with small cross-sections.
- With NBK-lip vulcanized to a supporting profile.
- The wiper lip is resistant to oil, coolants and microbes.
- The wiper types eN1 – 8x2 and eN1 – 20x2 can be profiled by the customer.
- Profiled wipers can be manufactured for all technically feasible cross-sections, ready for mounting.
- Profiled wipers, ready for mounting, upon request, with fixing holes.
- Standard lengths of 500 mm are available ex stock.

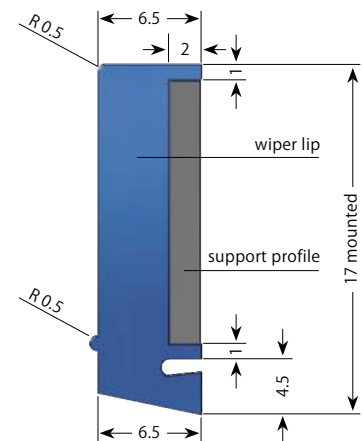


WIPER SYSTEMS

molded (SK, F mini)

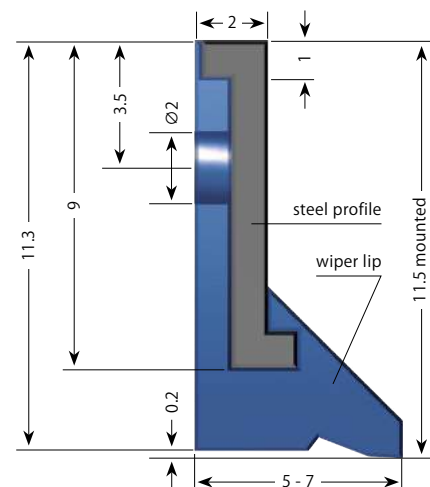
SK

- Moulded wipers for use in series machines.
- High moulding accuracy ensures excellent wiping results.
- The wipers consist of synthetic rubber vulcanized on a steel plate.
- Support profile materials: Steel (also galvanized), high-grade steel or aluminum.
- Lip materials: NBR, silicone and NBR, silicone and Viton.
- Ready for mounting.
- Permanent temperature resistance 100°C, momentarily 135°C.
- Resistant to mineral oil and coolants.
- Resistant to micro-organisms.
- Can be manufactured in any technically feasible form.
- High dimensional accuracy.
- Good resistance to abrasion.
- Little deformation by compression.



F (mini)

- Compact wiper with a height of only 11.5 mm.
- Low priced wiper based on the proven SK-series.
- Especially useful where space is limited, e.g. on extractors or slides.
- The wiper lip is vulcanized on a steel profile.
- Standard lengths of 500 mm are available in stock.



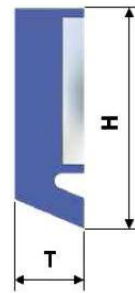
molded (HEMW)

HEMW

- A new generation of wipers - custom molded per your requirements
- Standard materials are NBR and Viton (shore hardness 83 A standard)
- Special materials and hardnesses available depending on application
- Excellent resistance to abrasion, chemicals, coolants, mineral oils, and acids
- Low sliding friction

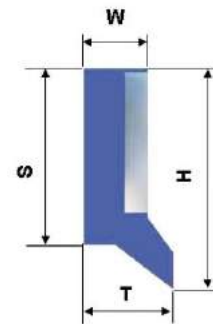
HEMW A

type	H	T	Length	Material
HEMW A1	14	6.5	500	NBR
HEMW A2	14	6.5	500	Viton
HEMW A3	18	6.5	500	NBR
HEMW A4	18	6.5	500	Viton
HEMW A5	25	6.5	500	NBR
HEMW A6	25	6.5	500	Viton
HEMW A7	14	5	500	NBR
HEMW A8	14	5	500	Viton
HEMW A9	18	5	500	NBR
HEMW A10	18	5	500	Viton
HEMW A11	25	5	500	NBR
HEMW A12	25	5	500	Viton



HEMW B

type	H	S	W	T	Length	Material
HEMW B 1	9.5	7.5	2.5	5	560	NBR
HEMW B 1 L	9.5	7.5	2.5	5	1000	NBR
HEMW B 2	9.5	7.5	2.5	5	560	Viton
HEMW B 2 L	9.5	7.5	2.5	5	1000	Viton
HEMW B 3	15	11.5	5	7	560	NBR
HEMW B 3 L	15	11.5	5	7	1000	NBR
HEMW B 4	15	11.5	5	7	560	Viton
HEMW B 4 L	15	11.5	5	7	1000	Viton
HEMW B 5	18	15	5	9	560	NBR
HEMW B 5 L	18	15	5	9	1000	NBR
HEMW B 6	18	15	5	9	560	Viton
HEMW B 6 L	18	15	5	9	1000	Viton
HEMW B 7	21	17.5	5	7	560	NBR
HEMW B 7 L	21	17.5	5	7	1000	NBR
HEMW B 8	21	17.5	5	7	560	Viton
HEMW B 8 L	21	17.5	5	7	1000	Viton
HEMW B 9	25	21	11	11	560	NBR
HEMW B 9 L	25	21	11	11	1000	NBR
HEMW B 10	25	21	11	11	560	Viton
HEMW B 10 L	25	21	11	11	1000	Viton

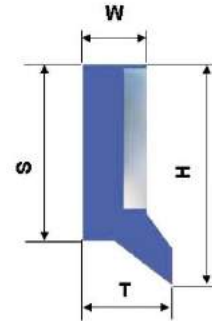


WIPER SYSTEMS

molded (HEMW)

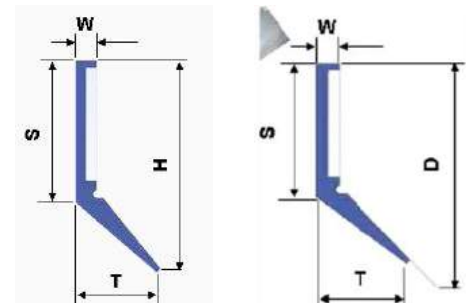
HEMW B

type	H	S	W	T	Length	Material
HEMW B 11	26	23	5	7	560	NBR
HEMW B 11 L	26	23	5	7	1000	NBR
HEMW B 12	26	23	5	7	560	Viton
HEMW B 12 L	26	23	5	7	1000	Viton
HEMW B 13	30	27	5	7	560	NBR
HEMW B 14	31	27	5	7	560	Viton
HEMW B 15	31	28	5	7	560	NBR
HEMW B 15 L	31	28	5	7	1000	NBR
HEMW B 16	31	28	5	7	560	VITON
HEMW B 16 L	31	28	5	7	1000	VITON
HEMW B 17	36	33	5	7	560	NBR
HEMW B 18	36	33	5	7	560	VITON
HEMW B 19	39	36	5	7	560	NBR
HEMW B 20	39	36	5	7	560	Viton



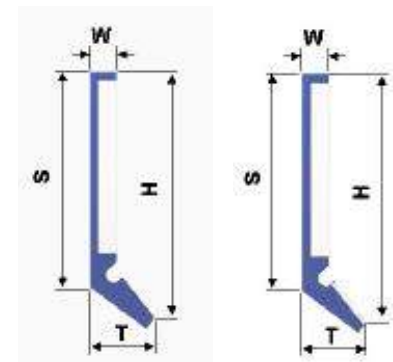
HEMW C

type	Protection	H	S	W	T	D	Length	Material
HEMW C 1	Spring Steel	25	15.5	3	12	29	800	NBR
HEMW C 2	Spring Steel	25	15.5	3	12	29	800	Viton
HEMW C 3	-	25	15.5	3	12	-	800	NBR
HEMW C 4	-	25	15.5	3	12	-	800	Viton
HEMW C 5	Spring Steel	30	20.5	3	12	34	800	NBR
HEMW C 5 L	Spring Steel	30	20.5	3	12	34	1000	NBR
HEMW C 6	Spring Steel	30	20.5	3	12	34	800	Viton
HEMW C 6 L	Spring Steel	30	20.5	3	12	34	1000	Viton
HEMW C 7	-	30	20.5	3	12	-	800	NBR
HEMW C 7 L	-	30	20.5	3	12	-	1000	NBR
HEMW C 8	-	30	20.5	3	12	-	800	Viton
HEMW C 8 L	-	30	20.5	3	12	-	1000	Viton
HEMW C 9	Spring Steel	35	25.5	3	12	39	800	NBR
HEMW C 10	Spring Steel	35	25.5	3	12	39	800	Viton
HEMW C 11	-	35	25.5	3	12	-	800	NBR
HEMW C 12	-	35	25.5	3	12	-	800	Viton



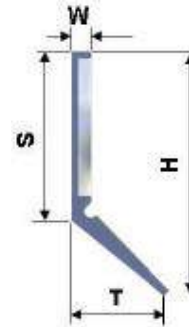
HEMW CS

type	Protection	H	S	W	T	Length	Material
HEMW CS 1	Spring Steel	27	22.7	3	7.3	800	NBR
HEMW CS 2	Spring Steel	27	22.7	3	7.3	800	Viton
HEMW CS 3	-	27	22.7	3	7.3	800	NBR
HEMW CS 4	-	27	22.7	3	7.3	800	Viton
HEMW CS 5	Spring Steel	27	22.7	3	7.3	1500	NBR
HEMW CS 6	Spring Steel	27	22.7	3	7.3	1500	Viton
HEMW CS 7	-	27	22.7	3	7.3	1500	NBR
HEMW CS 8	-	27	22.7	3	7.3	1500	Viton



HEMW D

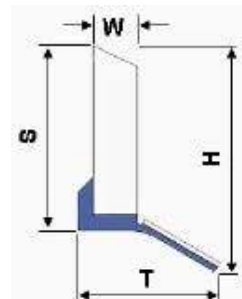
type	Protection	H	S	W	T	Length	Material
HEMW D 1	Spring Steel	39	27	3	15	800	NBR
HEMW D 2	Spring Steel	39	27	3	15	800	Viton
HEMW D 3	-	39	27	3	15	800	NBR
HEMW D 4	-	39	27	3	15	800	Viton
HEMW D 5	Spring Steel	32	20	3	15	800	NBR
HEMW D 6	Spring Steel	32	20	3	15	800	Viton
HEMW D 7	-	32	20	3	15	800	NBR
HEMW D 8	-	32	20	3	15	800	Viton
HEMW D 9	Spring Steel	45	27	3	21.5	800	NBR
HEMW D 10	Spring Steel	45	27	3	21.5	800	Viton
HEMW D 11	-	45	27	3	21.5	800	NBR
HEMW D 12	-	45	27	3	21.5	800	Viton



HEMW DK

type	Protection	H	S	W	T	Length	Material
HEMW DK 1	Spring Steel	16	13	3	10	1200	NBR
HEMW DK 2	Spring Steel	16	13	3	10	1200	Viton

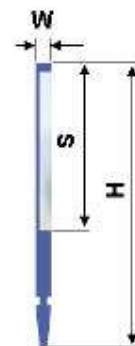
Support ALU - preload up to 3mm
Classic design with steel support



HEMW E

type	H	W	S	Length	Material
HEMW E 1	25	2	17.3	600	NBR
HEMW E 2	25	2	17.3	600	Viton
HEMW E 3	34	2	19.3	600	NBR
HEMW E 4	34	2	19.3	600	Viton

Swinging stripping lip
Classic design with steel support

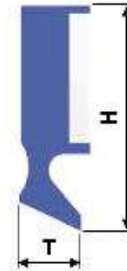


WIPER SYSTEMS

molded (HEMW)

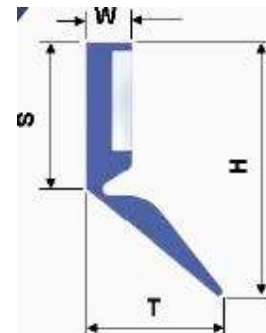
HEMW F

type	H	T	Length	Material
HEMW F 1	22	10.5	1000	NBR
HEMW F 2	22	10.5	1000	Viton
HEMW F 3	28	10.5	1000	NBR
HEMW F 4	28	10.5	1000	Viton
HEMW F 5	40	10.5	1000	NBR
HEMW F 6	40	10.5	1000	Viton



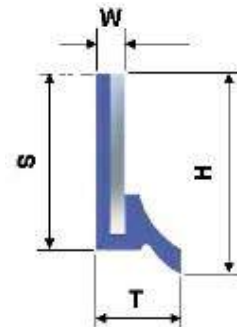
HEMW G

type	H	S	W	T	Length	Material
HEMW G 1	30	17	5	15.5	500	NBR
HEMW G 2	40	17	5	15.5	500	Viton
HEMW G 3	40	27	5	15.5	500	NBR
HEMW G 4	40	27	5	15.5	500	Viton



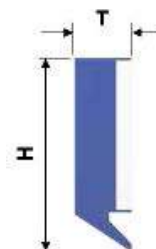
HEMW H

type	H	S	W	T	Length	Material
HEMW H 1	12.5	11	2	6	500	NBR
HEMW H 2	12.5	11	2	6	500	Viton



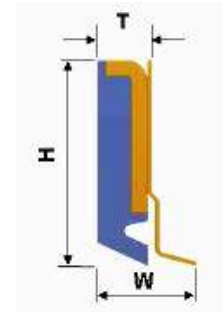
HEMW L

type	H	T	Length	Material
HEMW L 1	18.5	6.5	1000	NBR
HEMW L 2	18.5	6.5	1000	Viton
HEMW L 3	22	6.5	1000	NBR
HEMW L 4	22	6.5	1000	Viton
HEMW L 5	26	6.5	1000	NBR
HEMW L 6	26	6.5	1000	Viton



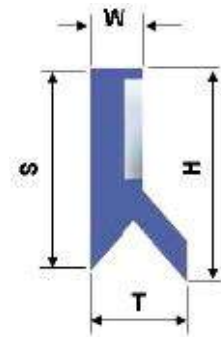
HEMW R

type	H	T	W	Length	Material
HEMW R 1	18	6.5	12	300	NBR
HEMW R 2	18	6.5	12	300	Viton
HEMW R 3	34	6.5	12	300	NBR
HEMW R 4	34	6.5	12	300	Viton



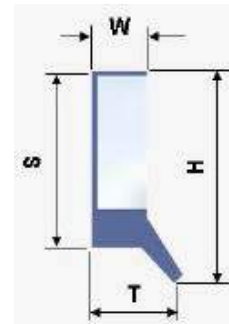
HEMW V

type	H	S	W	T	Length	Material
HEMW V 1	21	20	6	11	560	NBR
HEMW V 2	21	20	6	11	560	Viton
HEMW V 3	26	25	6	11	560	NBR
HEMW V 4	26	25	6	11	560	Viton
HEMW V 5	26	25	6	11	1000	NBR
HEMW V 6	26	25	6	11	1000	Viton



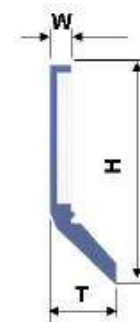
HEMW K

type	H	S	W	T	Length	Material
HEMW K 1	18	15	4.5	7.5	500	NBR
HEMW K 2	18	15	4.5	7.5	500	Viton
HEMW K 3	25	22	4.5	7.5	500	NBR
HEMW K 4	25	22	4.5	7.5	500	Viton



HEMW P

type	H	W	T	Length	Material
HEMW P 1	30	3	9.5	1000	NBR
HEMW P 2	30	3	9.5	1000	Viton

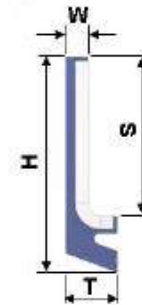


WIPER SYSTEMS

molded (HEMW)

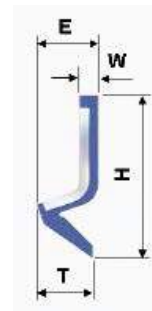
HEMW S

type	H	S	W	T	Length	Material
HEMW S 1	18	11.5	2.6	6	300	NBR
HEMW S 2	18	11.5	2.6	6	300	Viton
HEMW S 3	25	18.5	2.6	6	300	NBR
HEMW S 4	25	18.5	2.6	6	300	Viton
HEMW S 5	30	23.5	2.6	6	300	NBR
HEMW S 6	30	23.5	2.6	6	300	Viton
HEMW S 7	40	33.5	2.6	6	300	NBR
HEMW S 8	40	33.5	2.6	6	300	Viton



HEMW N

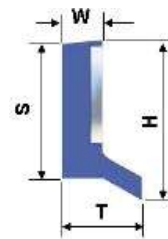
type	H	E	W	T	Length	Material
HEMW N 1	26	10	3	9	500	NBR
HEMW N 2	26	10	3	9	500	Viton
HEMW N 3	26	10	3	9	1000	NBR
HEMW N 4	26	10	3	9	1000	Viton



HEMW U 1/2

type	H	S	W	T	Length	Material
HEMW U 1	25.4	22	6.35	12.7	560	NBR
HEMW U 2	25.4	22	6.35	12.7	560	Viton

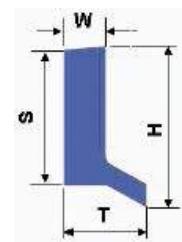
Classic design with steel support



HEMW U 3/4

type	H	S	W	T	Length	Material
HEMW U 3	25.4	22	6.35	12.7	560	NBR
HEMW U 4	25.4	22	6.35	12.7	560	Viton

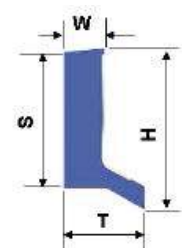
Flexible design without steel support



HEMW U 5/6

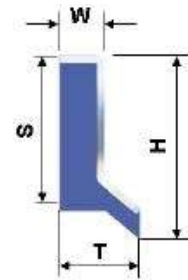
type	H	S	W	T	Length	Material
HEMW U 5	25.4	22	6.35	12.7	560	NBR
HEMW U 6	25.4	22	6.35	12.7	560	Viton

Flexible design with spring steel strip



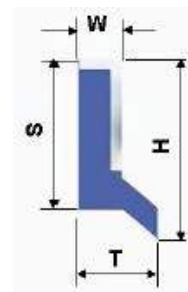
HEMW U 7/8

type	H	S	W	T	Length	Material
HEMW U 7	25	21	6	11	560	NBR
HEMW U 8	25	21	6	11	560	Viton



HEMW U 9/10

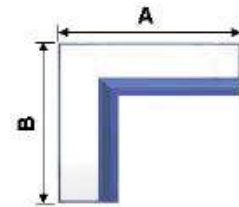
type	H	S	W	T	Length	Material
HEMW U 9	25	21	6	11	560	NBR
HEMW U 10	25	21	6	11	560	Viton



HEMW U 11/12

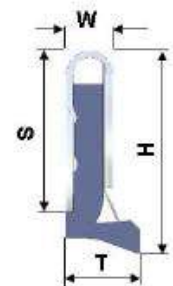
type	H	S	W	T	A	B	Material
HEMW U 11	25.4	22	6.35	12.7	76.2	76.2	NBR
HEMW U 12	25.4	22	6.35	12.7	76.2	76.2	Viton

elbow



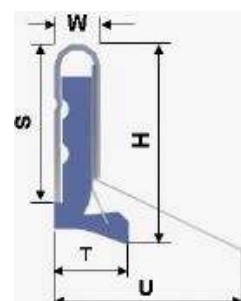
HEMW X 1/2

type	H	S	W	T	U	Length	Material
HEMW X 1	27.5	21.5	6	10	-	500	NBR
HEMW X 2	27.5	21.5	6	10	-	500	Viton



HEMW X 3/4

type	H	S	W	T	U	Length	Material
HEMW X 3	27.5	21.5	6	10	25.2	500	NBR
HEMW X 4	27.5	21.5	6	10	25.2	500	Viton

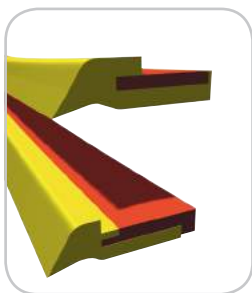


WIPER SYSTEMS

for telescopic steel covers

Wiper systems specially developed for telescopic steel covers. For particular requirements such as limited space for mounting or use in the presence of high volumes of chips produced, we also offer suitable solutions.

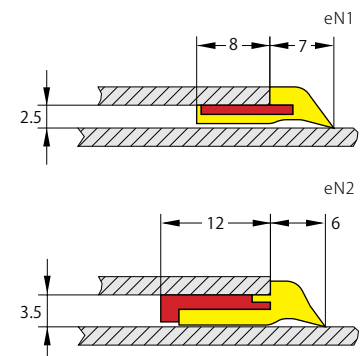
■ wiper lip ■ profile support ▨ sheet metal box ■ damping material ■ profile support



eN SERIES

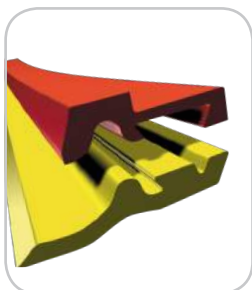
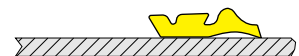
- Used on telescopic steel covers for slideways with small cross-sections
- Wiper lip vulcanized to a flat steel profile
- Highly wear-resistant polyurethane lip, resistant to oil, coolants and microbes
- Standard length of the eN way wiper: 500 mm

See page 60 for more information



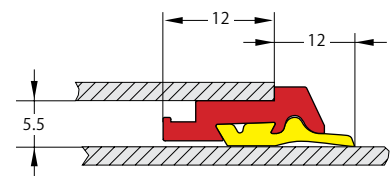
C SERIES

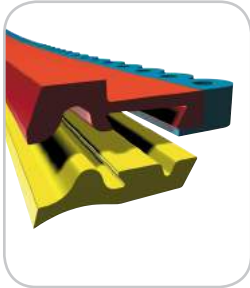
- Same design for all types of C wipers (except CL1)
- Highly wear-resistant polyurethane lips ensuring optimum resistance to water, coolants, chemicals and oil



CL1

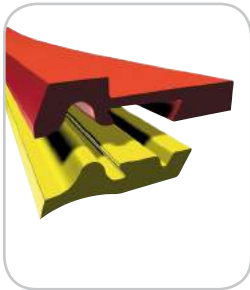
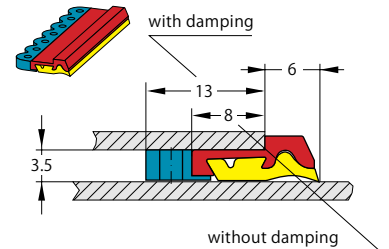
- Usable for large surfaces and aluminum apron systems for manifold applications
- Optimum wiping effect. Will wipe uneven surfaces up to 4 mm
- Highly durable and resistance against all common coolants
- Exchangeable and suitable for all profiles of series C2, 3, 5 and 6 (Illustration: CL1 with C5 profile)





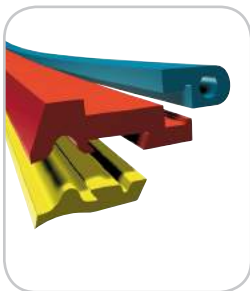
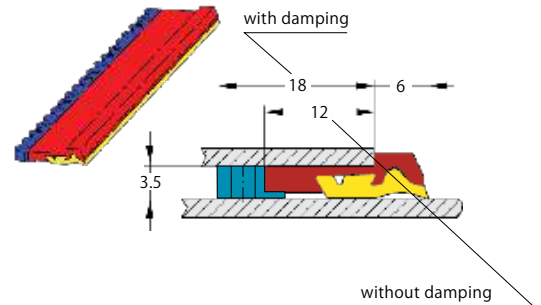
C2

- Smallest wiper of the "C" series
- Replaceable wiper lips
- Very little space required (regarding the mounting height and depth)
- Also available with a rubber profile vulcanized on the profiled support, for optimum damping properties at high traverse speeds (illustration: C2 with damping)



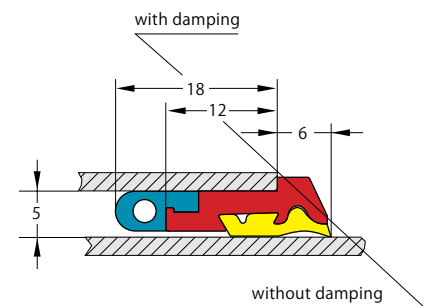
C3

- Wider profile to ensure a better adhesion when spot-welding it to the box
- Replaceable wiper lips
- Very little space (mounting height) required
- Can be screwed onto the cover box
- Optimum rigidity of the cover box in the wiper area
- Available with and without damping
- Assembly dimension with damping 18mm



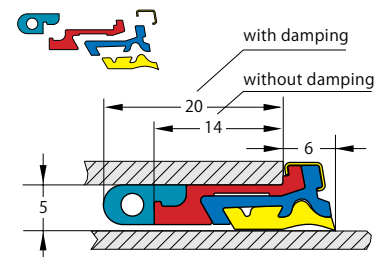
C5

- Designed for large covers
- Replaceable wiper lips
- A combination of C5 and C3 wipers is possible
- Optimum rigidity of the cover box in the wiper area
- Enlarged return gutter to ensure a rapid draining of the coolant
- Available with and without damping (illustration: C5 with damping)



C6

- Can be replaced directly on the machine without disassembling the cover
- Time saving and cost-effective
- Enlarged return gutter to ensure a rapid draining of the coolant
- Available with and without damping (illustration: C6 with damping)
- Replaceable profile (shown in blue) is fixed with spring clamps
- Solid profile support (shown in red) is welded with the box plate and remains on the cover



SERVICE & REPAIR

scope of services

WE KNOW HOW EXPENSIVE DOWNTIME CAN BE

That's why we offer quick, responsive, service for the following products:

- Telescopic Steel Covers (see next page for details)
- Bellow Covers
- Aprons & Roll Ups
- Modular Face Shield Systems
- Wiper Systems
- Walk-On Pit Covers

We provide repairs and replacement parts for all the products we sell. With our experienced technicians, it doesn't matter who manufactured the original product, the end result absolutely must meet Hennig standards for quality and safety before we will consider it finished.

OUR SCOPE OF SERVICES:

- Preventative and Predictive Maintenance Training
- Way cover diagnostics and troubleshooting
- Extensive replacement spare parts inventory
- On-Site repairs of waycovers of any make on the market
- Logistics services for minimum downtime

SERVICE & REPAIR CENTERS WORLDWIDE

We have 17 service centers located throughout the world, enabling us to provide fast, localized service no matter where you are. Below is a snapshot of our service & repair locations.

For more details and contact info, see pages 1-2.



SERVICE & REPAIR

for telescopic steel covers

REPAIR & REFURBISHING SERVICES

At Hennig we service everything we sell. Our repair and refurbishment facilities are located in regions worldwide, so you get fast, localized service from experts who speak your language and deeply understand the systems you're using. We have the resources to keep your systems running - and running right - so you minimize downtime and get the greatest possible return from your machine investment.

services offered

- Repairs for all Hennig and non-Hennig way covers
- Same-day turn-around on diagnosis and repair estimates
- Reverse engineering of existing way covers
- Fast, local access to spare parts and supplies
- Customer training for in-house way cover repair
- Service and repair of Hennig Chip Conveyors
- Preventive maintenance service contracts available
- Service initiated within 48 hours in most locations
- On-site services available
- 90-day warranty on parts and labor

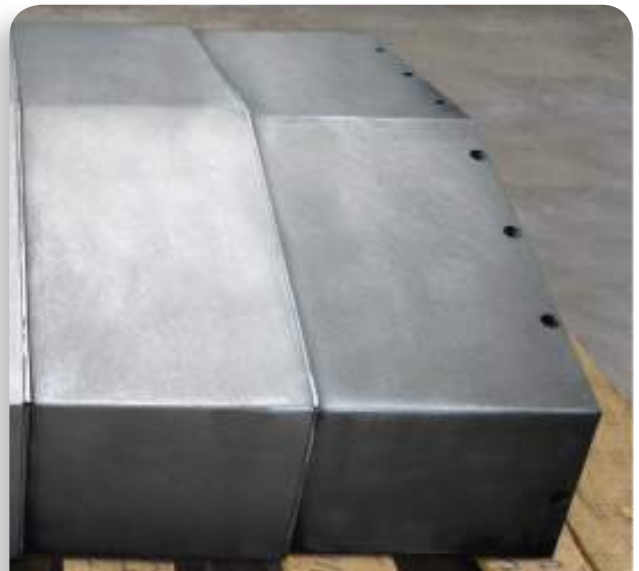
service. where you need it.

Hennig has way cover repair facilities located throughout the world to better serve our customers.

See pages 1-2 for a complete list of our repair facilities and contact information.



↑ Before Hennig Repair



↑ After Hennig Repair



www.hennigworldwide.com

For over 50 years, Hennig Worldwide has been defining Excellence in Machine Protection, creating regional jobs, serving their local communities, and supporting the global needs of machine tool customers.

Specializing in chip management, machine protection, and facility safety, Hennig products optimize production and keep your shop floor clean and safe.

MACHINE PROTECTION

- Telescopic Steel Covers
- Modular Face Shields (XYZ Shields)
- Bellows
- Aprons
- Roll Up Covers
- Walk-On/Pit Covers
- Wiper Systems
- Telescopic Springs
- Cable Conduits

CHIP SOLUTIONS

- Chip Conveyors
- Chip Disc Filtration (CDF)
- Coolant Tanks
- Turnkey Chip Systems
- Conveyor Networks

FACILITY SAFETY

- Walk-On Pit Covers
- Scissor Lift Bellows
- Rooftop Systems
- Platforms and Enclosures
- Guarding and Fencing
- Special Fabrications

See pages 1-2 for contact information