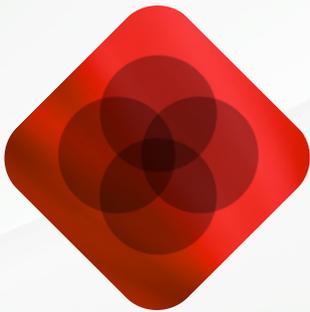


TIMATSO[®]

TIMATSO INDUSTRIES LTD



INDUSTRIAL WAY WIPERS

Discover Timatso's durable and precise way wipers designed to protect machines and extend service life.

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TIMATSO® Way Wipers

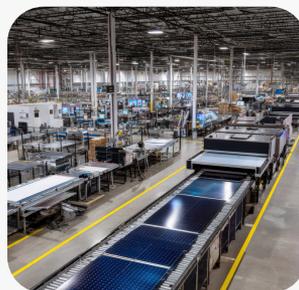
Timatso provides advanced sealing and protection solutions trusted by industries worldwide. Our way wipers are designed to ensure clean, reliable machine performance by preventing the ingress of dust, chips, and coolants. Built with precision and durability in mind, they help maintain long-term accuracy and extend the service life of your equipment.

About Us

Timatso is a manufacturer of high-performance sealing and protection components for industrial machinery. With a focus on quality, precision, and innovation, we serve customers across diverse industries, from automation to heavy manufacturing.

Our products are developed using advanced materials and tested under real operating conditions to guarantee reliability and longevity.

At Timatso, our mission is to deliver dependable protection solutions that enhance performance, reduce maintenance, and support our clients in achieving operational excellence.



About Way Wipers

Precision starts with clean guideways.

Way wipers are essential for keeping machines accurate and protected. They remove dirt, oil, and metal chips to prevent wear and maintain smooth movement.

Timatso provides a complete range of way wipers. Built for durability and resistance against heat, coolants, and mechanical stress, they deliver long-lasting protection and reliability.

Designed for CNC machines, milling machines, and lathes, our way wipers ensure consistent performance even in demanding industrial environments.

Vulcanisation: Strength through precision bonding

Vulcanisation is the process that gives Timatso way wipers their durability and flexibility.

During production, rubber and metal are permanently bonded under heat and pressure, creating a seamless connection that resists wear, oil, and mechanical stress. This ensures each wiper maintains its form and performance even under demanding industrial conditions.



SLIWAY™ SEALS

STANDARD SLIDE WAY SEALS

Sliway™ Seals are Timatso's standard vulcanized steel and rubber way wipers, designed to protect machine guideways and internal moving components. Engineered for reliable wiping performance, they effectively remove chips, coolant, and contaminants from sliding surfaces.

Widely used across machine tools and industrial equipment, Sliway™ Seals offer proven durability, precise fit, and consistent sealing under demanding operating conditions. Their robust construction ensures long service life while maintaining smooth and accurate machine movement.

- *Standard carrier manufactured from High-Grade Stainless Steel (SUS304)*
- *FPM (FluoroCore™) material available upon request*
- *Multiple hardness grades available*

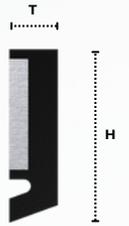
SWS A



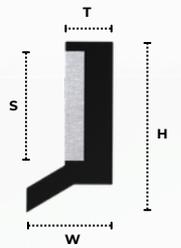
SWS B



Mat #	Type	H	S	T	W	D	B	Length	Specific	Elastomer	Core
1001459	SWS A 1	14	-	5	-	-	-	500	-	T-NBR 83	SUS304
1001217	SWS A 2	18	-	5	-	-	-	500	-	T-NBR 83	SUS304
1001218	SWS A 3	25	-	5	-	-	-	500	-	T-NBR 83	SUS304



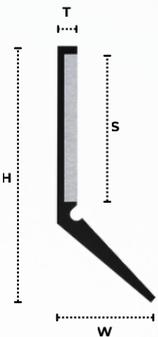
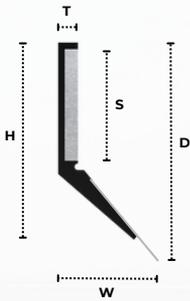
1001466	SWS B 1	9.5	7.5	2.5	5	-	-	560	-	T-NBR 83	SUS304
1001467	SWS B 2	9.5	7.5	2.5	5	-	-	1000	-	T-NBR 83	SUS304
1001468	SWS B 3	15	11.5	5	7	-	-	560	-	T-NBR 83	SUS304
1000336	SWS B 4	15	11.5	5	7	-	-	1000	-	T-NBR 83	SUS304
1001469	SWS B 5	18	15	5	9	-	-	560	-	T-NBR 83	SUS304
1000229	SWS B 6	18	15	5	9	-	-	1000	-	T-NBR 83	SUS304
1000270	SWS B 7	21	17.5	5	7	-	-	560	-	T-NBR 83	SUS304
1001470	SWS B 8	21	17.5	5	7	-	-	1000	-	T-NBR 83	SUS304
1001622	SWS B 9	25	21	6	11	-	-	560	-	T-NBR 83	SUS304
1001623	SWS B 10	25	21	6	11	-	-	1000	-	T-NBR 83	SUS304



SWS C



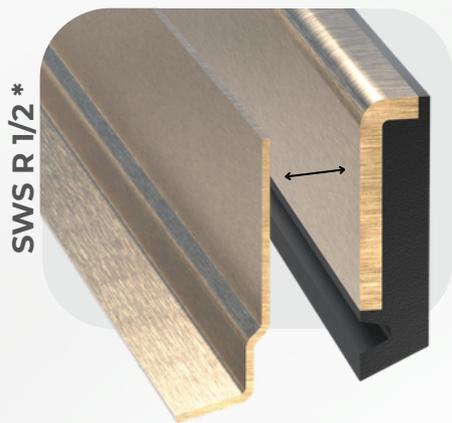
SWS D



Mat #	Type	H	S	T	W	D	B	Length	Specific	Elastomer	Core
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1000983	SWS C 1	25	15	3	12	29	-	800	Spring Steel Scraper	T-NBR 75	SUS304
1001471	SWS C 2	25	15	3	12	-	-	800	-	T-NBR 75	SUS304
1001472	SWS C 3	25	15	3	12	29	-	1000	Spring Steel Scraper	T-NBR 75	SUS304
1001473	SWS C 4	25	15	3	12	-	-	1000	-	T-NBR 75	SUS304
1001474	SWS C 5	25	15	3	12	29	-	1800	Spring Steel Scraper	T-NBR 75	SUS304
1001475	SWS C 6	25	15	3	12	-	-	1800	-	T-NBR 75	SUS304
1000725	SWS C 7	30	20	3	12	34	-	800	Spring Steel Scraper	T-NBR 75	SUS304
1000811	SWS C 8	30	20	3	12	-	-	800	-	T-NBR 75	SUS304
1000810	SWS C 9	30	20	3	12	34	-	1000	Spring Steel Scraper	T-NBR 75	SUS304
1000812	SWS C 10	30	20	3	12	-	-	1000	-	T-NBR 75	SUS304
1000917	SWS C 11	30	20	3	12	34	-	1800	Spring Steel Scraper	T-NBR 75	SUS304
1001476	SWS C 12	30	20	3	12	-	-	1800	-	T-NBR 75	SUS304

1000220	SWS D 1	39	27	3	15	-	-	1000	Wear Strip	T-NBR 75	SUS304
1001477	SWS D 2	39	27	3	15	-	-	1000	-	T-NBR 75	SUS304
1000916	SWS D 3	39	27	3	15	-	-	1800	Wear Strip	T-NBR 75	SUS304
1001478	SWS D 4	39	27	3	15	-	-	1800	-	T-NBR 75	SUS304
1000921	SWS D 5	32	20	3	15	-	-	1000	Wear Strip	T-NBR 75	SUS304
1001479	SWS D 6	32	20	3	15	-	-	1000	-	T-NBR 75	SUS304
1001480	SWS D 7	32	20	3	15	-	-	1800	Wear Strip	T-NBR 75	SUS304
1001481	SWS D 8	32	20	3	15	-	-	1800	-	T-NBR 75	SUS304



SWS R 1/2 *



SWS R 3/4

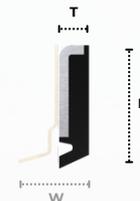


SWS R 5/6

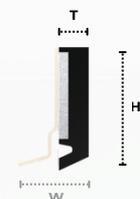
Mat #	Type	H	S	T	W	D	B	Length	Specific	Elastomer	Core
1001002	SWS R1	18	-	6	12	-	-	300	-	T-NBR 83	Bent Brass
1001035	SWS R2	25	-	6	12	-	-	300	-	T-NBR 83	Bent Brass



1001460	SWS R3	18	-	6	12	-	-	300	-	T-NBR 83	Bent SUS304
1001462	SWS R4	25	-	6	12	-	-	300	-	T-NBR 83	Bent SUS304



1001461	SWS R5	18	-	6	12	-	-	300	-	T-NBR 83	SUS304
1001463	SWS R6	25	-	6	12	-	-	300	-	T-NBR 83	SUS304



Alternatively add following Scraper on each SWS R

1001045	SWS R7	18	-	-	6	-	-	300	-	-	Bent Brass
1001047	SWS R8	25	-	-	6	-	-	300	-	-	Bent Brass



* Illustration including SWS R 7/8 Scraper

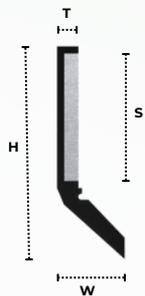
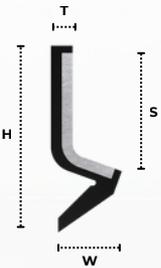
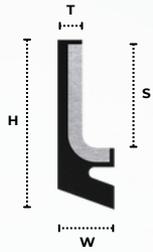
SWS S



SWS N



SWS P



Mat #	Type	H	S	T	W	D	B	Length	Specific	Elastomer	Core
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1001036	SWS S 1	18	11.5	2.6	6	-	-	300	-	T-NBR 83	SUS304
1001037	SWS S 2	25	18.5	2.6	6	-	-	300	-	T-NBR 83	SUS304
1001038	SWS S 3	30	23.5	2.6	6	-	-	300	-	T-NBR 83	SUS304
1001039	SWS S 4	40	33.5	2.6	6	-	-	300	-	T-NBR 83	SUS304

1001040	SWS N 1	26	10	3	9	-	-	500	-	T-NBR 83	SUS304
1001041	SWS N 3	26	10	3	9	-	-	1000	-	T-NBR 83	SUS304

1000410	SWS P 1	30	18	3	9.5	-	-	1000	-	T-NBR 75	SUS304
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SLIDO™ SEALS

SLIDE DOOR SEALS

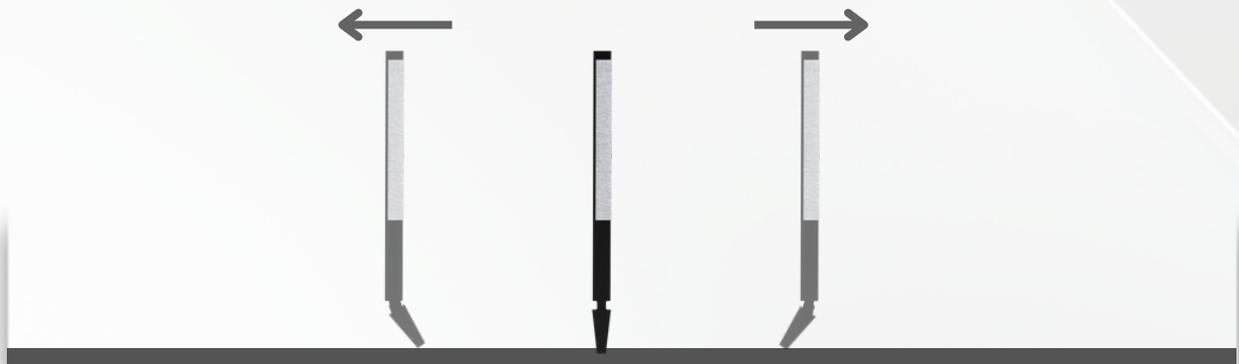
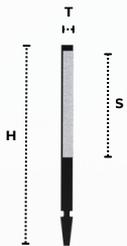
Slido™ Seals are specially molded way wipers developed for sliding doors, access openings, and movable panels. Designed to wipe in both opening and closing directions, they provide continuous protection against dirt, chips, and coolant ingress.

With a geometry optimized for dynamic movement, Slido™ Seals ensure effective sealing while allowing smooth, low-resistance operation. They are ideal for machine enclosures and doors where bidirectional wiping and reliable sealing are essential.

- *Standard carrier manufactured from High-Grade Stainless Steel (SUS304)*
- *FPM (FluoroCore™) material available upon request*
- *Multiple hardness grades available*



Mat #	Type	H	S	T	W	D	B	Length	Specific	Elastomer	Core
1001297	SDS 1	25	17	2	-	-	-	1000	-	T-NBR 83	SUS304
1001298	SDS 2	25	17	2	-	-	-	1200	-	T-NBR 83	SUS304
1000223	SDS 3	34	19	2	-	-	-	1000	-	T-NBR 83	SUS304
1001018	SDS 4	34	19	2	-	-	-	1200	-	T-NBR 83	SUS304



WAYCO™ SEALS

WAY COVER SEALS

Wayco™ Seals are molded, customized way wipers developed specifically for telescopic steel way covers. Installed between individual cover sheets, they prevent contamination ingress while supporting smooth extension and retraction.

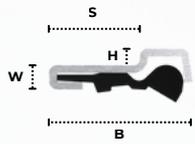
By sealing gaps and reducing friction, Wayco™ Seals significantly enhance the durability and reliability of telescopic covers. They protect internal mechanisms from chips, coolant, and debris, ensuring long-lasting performance in harsh machining environments.

- *Standard structure manufactured from Structural Steel (SS400), with scrapers in High-Grade Stainless Steel (SUS304)*
- *FPM (FluoroCore™) material available upon request*
- *Multiple hardness grades available*

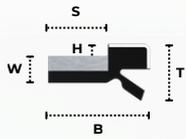
WSE



WSK

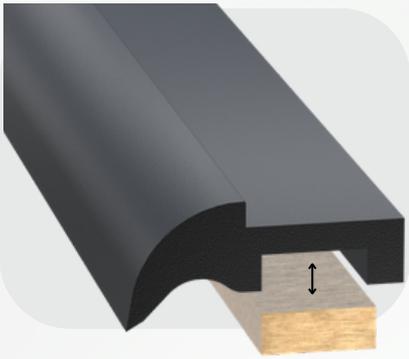


Mat #	Type	H	S	T	W	D	B	Length	Specific	Elastomer	Core
1000196	WS E 2-0	2.2	12	-	3.2	-	19	1000	-	TPU 83 Black	SS400
1000458	WS E 2-1	2.2	12	-	3.2	-	19	3000	-	TPU 83 Black	SS400
1000830	WS E 2-1	2.2	12	-	3.2	-	19	1000	-	-	SS400
1000022	WS E 2-2	2.2	12	-	3.2	-	19	3000	-	-	SS400
1000002	WS E 2-3	-	-	-	-	-	-	Continuous Extrusion	Lubricated Run	TPU 83 Black	-
1000003	WS E 2-4	-	-	-	-	-	-	Continuous Extrusion	Dry Run	TPU 95 Black	-



1001098	WS K 1-0	2	8	7.6	3.5	-	14	1000	Lubricated Run	T-NBR 83	SUS304
1000408	WS K 1-1	2	10	9.5	4.5	-	17	1000	Dry Run	T-NBR 95	SUS304
1001098	WS K 1-0	2	8	7.6	3.5	-	14	1000	Lubricated Run	T-NBR 83	SUS304
1000408	WS K 1-1	2	10	9.5	4.5	-	17	1000	Dry Run	T-NBR 95	SUS304

WS M 1/2



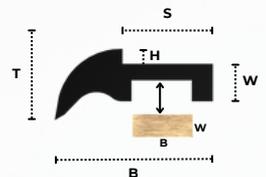
WS M 3



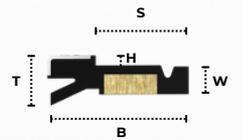
WS M 4/5



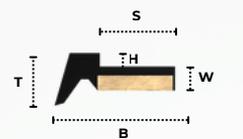
Mat #	Type	H	S	T	W	D	B	Length	Specific	Elastomer	Core
1001126	WS M 1-1	1	10	8	4	-	16	Continuous Extrusion	-	T-NBR 83	-
1001490	WS M 1-2	-	-	-	2	-	8	1000	-	-	Brass 8x2
1001519	WS M 2-0	2	12	9	5	-	8	1000	-	T-NBR 83	Brass 8x3
1000706	WS M 2-1	2	12	9	5	-	21	Continuous Extrusion	-	T-NBR 83	-
1001296	WS M 2-2	-	-	-	3	-	8	1000	-	-	Brass 8x3



1000139	WS M 3-1	1.5	14	7.5	4.3	-	21	1000	-	T-NBR 83	Brass 8x3
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1000705	WS M 4	1.8	10	7	3.2	-	16	1000	-	T-NBR 83	Brass 8x3
1000695	WS M 5	2	10	6.5	3	-	16	1000	-	T-NBR 83	Brass 8x3



Choosing the Right Way Wiper

Selecting the correct way wiper is critical for machine accuracy, reliability, and service life. The optimal solution depends on operating conditions, machine design, and movement requirements.

For accurate wiper selection, the following parameters are typically evaluated.



Operating Environment

Contamination type and intensity determine material choice and wiping geometry for effective protection against chips, coolant, and dust.



Movement Type

Linear, telescopic, and door movements impose different mechanical loads and sealing requirements on the wiper system.



Speed and Cycle Frequency

Higher speeds and continuous cycling increase edge wear and contact stress, requiring optimized elasticity and durability.



Temperature and Chemicals

Operating temperature and media exposure influence elastomer selection to ensure stable performance and material integrity.



Space and Mounting

Available space and mounting geometry define feasible wiper profiles, from compact standard designs to customized solutions.



Molded vs. Tailored

Molded wipers suit fixed geometries, while tailoring of extruded systems enable flexible dimensions and rapid adaptation without tooling.

Why It Works

- ✓ Supports informed engineering decisions
- ✓ Reduces uncertainty during machine design
- ✓ Suitable for standard and customized solutions
- ✓ Timeless reference for OEM applications

Early consideration of sealing requirements contributes significantly to machine reliability and service life.



Innovation in Every Mold

Rubber molding at Timatso combines traditional craftsmanship with modern engineering.

Each project begins with understanding the customer's requirements and selecting the most suitable process and material to achieve the desired performance.

By applying precise temperature control, optimized tooling, and advanced molding techniques, Timatso continues to push the boundaries of what rubber components can achieve in flexibility, strength, and reliability.

Partnership for Lasting Performance

Timatso works closely with customers to turn technical ideas into functional, high-performance solutions.

From material selection to tooling design and final production, our team supports every stage of development. This collaboration ensures that each part fits perfectly into its application and performs reliably in operation.

With deep process knowledge, advanced production systems, and a customer-first mindset, Timatso stands as a trusted partner for durable, precise, and cost-efficient rubber molding solutions.





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