



AYA Fasteners (Hebei) Co., Ltd.

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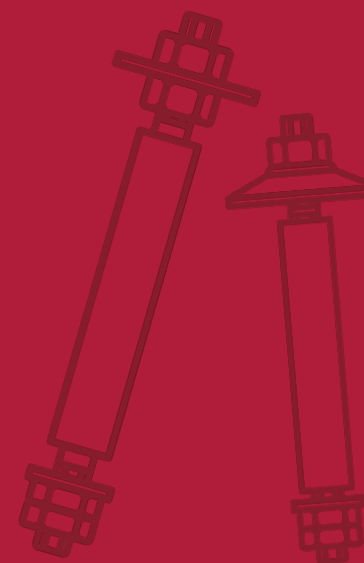
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AYA ANCHORS

FASTENERS, AS YOU ASKED

AYA Fasteners (Hebei) Co., Ltd.



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COMPANY PROFILE

AYA Fasteners (Hebei) Co., Ltd.

As a Global Fastening Customization Solutions Supplier, AYA has been deeply involved in the fastener industry with a single-minded and dedicated attitude, devoting to providing our customers with more industry-specific, professional, standardized, and precise fasteners solutions.

Besides more targeted and specific fastening solutions, AYA also provides you with exclusive value-added services.

Anywhere, anytime, when you have any related problems and demand with fasteners, please feel free to contact our AYA customer service.

We will customize proper solutions based on your actual situation and requirements.

Slogan :

Fasteners, As You Asked

Value :

AYA's service process better satisfy customers' needs than the fastener itself

Positioning:

Global Fastening Customization Solutions Supplier

Mission :

Devoting to satisfying multi-scenario fastening demand of our global customers

Brand Statement:

Providing professional solutions with dedicated attitude

Advantages :

Production advantage: High standard ensures high quality

Management advantage: Standardization ensures high efficiency

Service advantage: Constant provision of excellent service



30+

Countries
Market



13000+

Fastener Product
Categories



16+

Years
History



376+

Brands, Distributors,
And Builders



ANCHORS
SERIES

Sleeve Anchor

Applications

- For fixing structures to solid substrates like concrete and brick walls
- Widely used in construction, industrial installations, and structural repairs

Features

- Used in various base materials, including solid concrete, hollow blocks, and brick
- Available in different sizes and lengths for diverse applications
- Provides a firm grip and distributes load evenly in the hole

Installation

1. Drilling a hole referring to the diameter of the anchor
2. Removing the debris and cleaning the hole
3. Striking the anchor into the hole
4. Tightening the bolt with a wrench



Diameter	50mm	75mm	100mm	150mm
M6	●	●		
M8		●	●	
M10		●	●	
M12		●	●	●

Wedge Anchor

Applications

- For connection Steel structure
- For fixing structural elements, railings, guardrails, and fences
- For attaching mechanical equipment to concrete floors
- For supporting ductwork and ventilation systems
- For connection heavy-duty furniture and storage solutions

Features

- High load-bearing capacity
- Suitable for static and dynamic loads
- Corrosion-resistant options available for outdoor or wet environments
- Simple installation process

Installation

1. Drilling a hole referring to the diameter of the anchor
2. Removing the debris and cleaning the hole
3. Striking the anchor into the hole
4. Tightening the bolt with a wrench



Size	Length	Max fixture thickness	Min hole depth
6	40 mm	5 mm	30 mm
	55 mm	15 mm	35 mm
	65 mm	25 mm	35 mm
	70 mm	30 mm	35 mm
	85 mm	45 mm	35 mm
	100 mm	60 mm	35 mm
	120 mm	80 mm	35 mm
	150 mm	110 mm	35 mm
	180 mm	140 mm	35 mm

Size	Length	Max fixture thickness	Min hole depth
8	65 mm	20 mm	40 mm
	75 mm	30 mm	40 mm
	90 mm	45 mm	40 mm
	95 mm	50 mm	40 mm
	105 mm	60 mm	40 mm
	115 mm	70 mm	40 mm
	120 mm	75 mm	40 mm
	135 mm	90 mm	40 mm
	165 mm	120 mm	40 mm
	220 mm	175 mm	40 mm

Size	Length	Max fixture thickness	Min hole depth
10	60 mm	7 mm	45 mm
	75 mm	17 mm	50 mm
	90 mm	32 mm	50 mm
	100 mm	42 mm	50 mm
	120 mm	62 mm	50 mm
	140 mm	82 mm	50 mm
	150 mm	92 mm	50 mm
	160 mm	102 mm	50 mm
	170 mm	112 mm	50 mm
	200 mm	142 mm	50 mm
	210 mm	152 mm	50 mm

Size	Length	Max fixture thickness	Min hole depth
12	70 mm	5 mm	55 mm
	80 mm	10 mm	60 mm
	95 mm	25 mm	60 mm
	100 mm	30 mm	60 mm
	110 mm	40 mm	60 mm
	120 mm	50 mm	60 mm
	135 mm	65 mm	60 mm
	145 mm	75 mm	60 mm
	150 mm	80 mm	60 mm
	160 mm	90 mm	60 mm
	175 mm	105 mm	60 mm
	180 mm	110 mm	60 mm
	195 mm	125 mm	60 mm
	235 mm	165 mm	60 mm

Size	Length	Max fixture thickness	Min hole depth
16	90 mm	5 mm	75 mm
	100 mm	10 mm	80 mm
	110 mm	20 mm	80 mm
	125 mm	35 mm	80 mm
	140 mm	50 mm	80 mm
	150 mm	60 mm	80 mm
	175 mm	85 mm	80 mm
	200 mm	110 mm	80 mm
	220 mm	130 mm	80 mm

Size	Length	Max fixture thickness	Min hole depth
20	110 mm	5 mm	90 mm
	125 mm	10 mm	100 mm
	150 mm	35 mm	100 mm
	170 mm	55 mm	100 mm
	215 mm	100 mm	100 mm
	280 mm	165 mm	100 mm

Size	Length	Max fixture thickness	Min hole depth
24	160 mm	20 mm	110 mm
	200 mm	60 mm	110 mm
	260 mm	120 mm	110 mm
	310 mm	170 mm	110 mm

Drop In Anchor

Applications

- For fixing suspended ceiling, sprinklers, and ventilation system
- Structural fixing, inner and outer ironworks
- For fixing threaded bars

Features

- Easy to install
- Good expansibility
- Large contact areas and high pullout strength

Installation

1. Use straight hole drill to drill holes of corresponding diameter and depth
2. Use the soot blower to sweep ash until the hole has no dust overflow
3. Put the anchor in the hole
4. Use a hammer to hit the inner core with a rod to expand the expansion sheet



Size	Length	Thread depth
M6	25 mm	10 mm
M8	30 mm	14 mm
M10	40 mm	19 mm
M12	50 mm	22 mm
M16	65 mm	30 mm
M20	80 mm	38 mm
M24	110 mm	45 mm

Cut Anchor

Applications

- Used in construction, bridges, roads, machinery, and manufacturing

Features

- A type of fastener used to connect structural components to a substrate
- It includes bolts and sleeves
- It can be cut for a smooth appearance

Installation

1. Drilling a hole referring to the diameter of the anchor
2. Removing the debris and cleaning the hole
3. Striking the anchor into the hole
4. Tightening the bolt with a wrench



Size	Length	Bolt thread fit length	Drill Dia
M6	30 mm	8 mm	11.1
M8	35 mm	10 mm	12.5
M10	40 mm	12 mm	14.5
M12	52 mm	16 mm	18
M16	63 mm	20 mm	22
M20	83 mm	25 mm	26
M22	93 mm	30 mm	29

Concrete Anchor

Applications

- For construction and steel structure applications
- Elevator installation
- Heavy objects installation
- Glass curtain wall
- Bridge

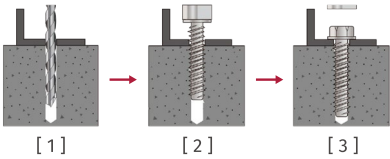
Features

- Work in all masonry-based materials including concrete, block, or brick
- Installation and fixation are completed at the same time, with high efficiency
- Recycling and reduce costs

Installation

1. Drilling a hole referring to the diameter of the anchor
2. Striking the anchor into the hole
3. Tightening the bolt with a wrench

Installation Steps



Diameter	50mm	75mm	100mm	150mm
M6	●	●		
M8		●	●	
M10		●	●	
M12		●	●	●

Shield Anchor

Applications

- Ideal for concrete, brick, and masonry surfaces
- Perfect for securing machinery, structural elements, and other critical components
- For heavy-duty applications
- For fixing structural elements, railings, guardrails, and fences

Features

- Used to secure structural elements to concrete and brick walls
- Offering robust fixing with added protection and stability
- High load capacity

Installation

1. Drilling a hole referring to the diameter of the anchor
2. Removing the debris and cleaning the hole
3. Striking the anchor into the hole
4. Tightening the bolt with a wrench



Size	Length	Min hole depth
M6	45 mm	50 mm
M8	50 mm	55 mm
M10	60 mm	65 mm
M12	80 mm	90 mm
M16	110 mm	115 mm

Heavy Duty Anchor

Applications

- Designed for high-performance fastening in concrete, brick, and stone
- Ideal for securing structural components, machinery, and safety-critical elements in industrial and commercial projects

Features

- High load capacity for heavy-duty applications
- Durable and corrosion-resistant materials
- Suitable for static and dynamic loads
- Reliable performance in harsh environments

Installation

1. Drilling a hole referring to the diameter of the anchor
2. Removing the debris and cleaning the hole
3. Striking the anchor into the hole
4. Tightening the bolt with a wrench



Size	Length	Max connection height
M6	45 mm	10 mm
M8	51 mm	14 mm
M10	60 mm	20 mm
M12	75 mm	25 mm

Chemical Anchor

Applications

- Provide strong and reliable bonding for heavy-duty applications, ideal for concrete, masonry, facade rebar connections
- Perfect for structural reinforcements, machinery installation, and high-load fastenings
- Bridge Construction and Repair
- Anchoring signage and street furniture seismic
- Retrofitting

Features

- Suitable for cracked and non-cracked concrete
- High resistance to vibration and environmental factors
- Precise and gap-free bonding
- High load capacity

Installation

1. Drilling a hole referring to the diameter of the anchor
2. Removing the debris and cleaning the hole
3. Dispensing the chemical adhesive evenly into the hole
4. Placing the threaded rod or anchor into the adhesive-filled hole



Size	Drill Dia	Installation depth	Stud exposed length
M12	15	110	30
M16	20	125	35
M20	25	170	40
M24	30	210	50
M30	36	280	60
M36	42	300	80
M42	48	350	90
M48	55	400	100
M56	62	500	120
M64	72	600	130



Mechanical Data

Ruspert Coating - Super Anti-corrosion

What is Ruspert Coating?

Ruspert treatment is a high-grade anti-corrosion metal surface treatment technology that forms a combined film by chemical reaction among each layer. It does not attribute its good anti-corrosion performance to merely a single film as ordinary metal surface treatment. It provides superior corrosion resistance by combined film.

It consists of three layers:

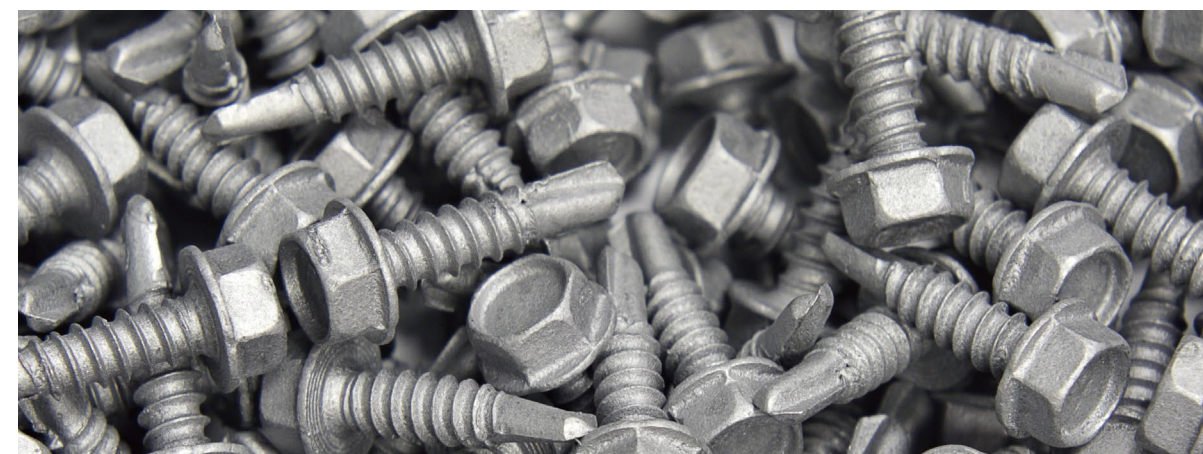
A metallic zine layer

A high grade anti-corrosion chemical conversion film

A baked ceramic surface coating

The unique feature of Ruspert Coating is the tight joining of the baked ceramic top coating and the chemical conversion film thanks to the cross-linking effect. These layers are bonded together with the metallic zinc layer, through chemical reactions, and this unique method of combining layers results in a rigid and dense combination of the coating films. Greatly improves the anti-corrosion performance of traditional hot-dip galvanizing and electroplating. Moreover, various colors can be provided to match the surrounding landscape.

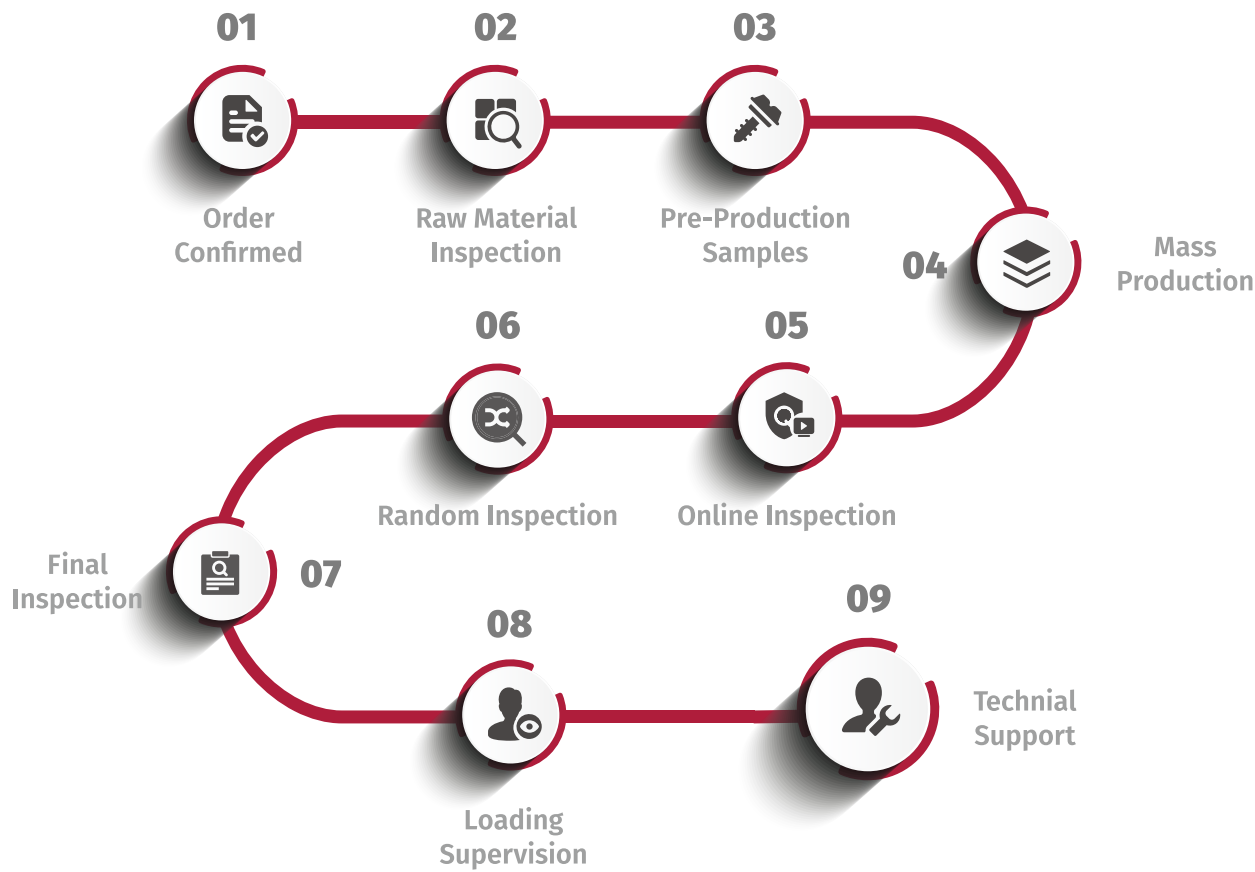
Ruspert is a combination of electroplating and coating, which can be widely used in different conditions.



Quality Assurance

Quality Inspection Process

AYA has a professional QC team with over 30 experienced technicians and 10 senior fasteners experts. Meanwhile, an advanced fasteners laboratory with multiple testing instruments has also been established to ensure the high quality of the raw materials and final products.

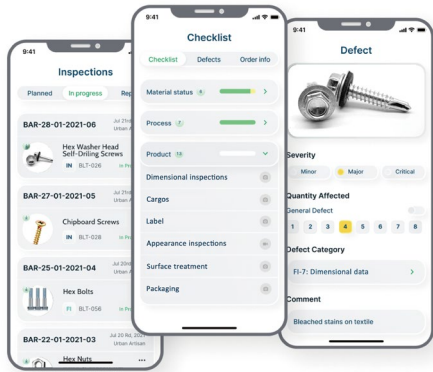
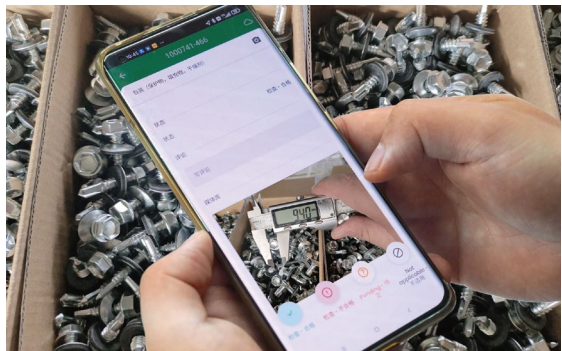


Quality Assurance

Digital Quality Inspection System: QARMA

At AYA Fasteners, we prioritize quality and safety performance in every product we deliver. To uphold our commitments to quality, we have integrated the advanced digital quality inspection tool, **QARMA**, into our manufacturing process.

By incorporating **QARMA** into our quality inspection process system, AYA Fasteners ensures our product's ability to maintain and uphold the highest standards across all stages of production, delivering visible quality and performance to our customers.



Qarma							
Week 2, 08 Jan - 14 Jan 2024							
	Mon January 08	Tue January 09	Wed January 10	Thu January 11	Fri January 12	Sat January 13	Sun January 14
Supplier QC							
Planned							
QC-Shilong Ji	181	QC-Shilong Ji	QC-Shilong Ji	QC-Shilong Ji	QC-Shilong Ji	QC-Shilong Ji	QC-Shilong Ji
QC-QC-Ziyang Jia	40	QC-QC-Ziyang Jia	QC-QC-Ziyang Jia	QC-QC-Ziyang Jia	QC-QC-Ziyang Jia	QC-QC-Ziyang Jia	QC-QC-Ziyang Jia
QC-QC-Jack Wang	81	QC-QC-Jack Wang	QC-QC-Jack Wang	QC-QC-Jack Wang	QC-QC-Jack Wang	QC-QC-Jack Wang	QC-QC-Jack Wang
xiaofeng zhang	23	xiaofeng zhang	xiaofeng zhang	xiaofeng zhang	xiaofeng zhang	xiaofeng zhang	xiaofeng zhang



Certificate

AYA Fasteners is committed to delivering high-quality and secure products to our customers. We have achieved certifications of ISO9001: 2015, ISO14001: 2015, ISO45001: 2018, etc.

Quality guarantee and product testing are vital parts of fastener production. In AYA Fasteners, we have strict internal quality control system, professional QC team, and advanced equipment to ensure that all products can fully meet our customers' requirements and international standards.



Packaging

AYA Fasteners has constantly developing diverse packaging solutions to fit customers' demand, such as color box, polybag, plastic box, plastic bucket, cardboard package and etc.