



ARXX

— ENGINEERING PROGRESS —

INDUSTRIAL FASTENERS & CONSTRUCTION SOLUTIONS

SCREWS • FASTENERS • THREADED RODS • ANCHORING SYSTEMS

2026 ARX PRODUCT PORTFOLIO

INDUSTRIAL FASTENERS
COLLECTION

EDITION 2026



A BRAND OF
MATZ
INTERNATIONAL



PROUDLY
MANUFACTURED
IN INDIA



ARXGLOBAL.IN

01

Engineering Progress

Who we are and what we supply.



ARX is the construction-fastener brand of MATZ International, a Mumbai-based trading house supplying screws, threaded rods and fixings to contractors, interior fit-out firms, fabricators, roofing installers and hardware dealers.

Our range is produced by ISO 9001 certified manufacturing partners, so wire grade, thread geometry and coating thickness stay consistent batch to batch. We hold core sizes in Mumbai and dispatch across Maharashtra, with trade and bulk pricing on request.

06

SCREW FAMILIES

M6-M100

THREADED ROD RANGE

7

FINISHES AVAILABLE

ISO 9001

CERTIFIED PRODUCTION

WHAT WE SUPPLY

Screws

Drywall · Chipboard · Wood · Self-tapping · Self-drilling · Roofing. Bugle, countersunk, wafer, pan and hex heads in zinc, yellow passivate and black phosphate.

Threaded rods & studs

Fully threaded bars M6-M100 and 1/4"-4". Stud bolts and engineering studs to ASTM A193 and A320, supplied with nuts and washers.

Anchors & bolts

Anchor, foundation and holding-down bolts, U-bolts, J-bolts, sag rods and tie rods, manufactured to drawing.

02

Consistency is the product.

Why our fixings behave the same on the tenth order as the first.

01 Single-source manufacturing

One certified plant produces each family, so wire grade, hardening and thread rolling do not drift between shipments.

02 ISO 9001 certified production

Documented process control at the factory. Certification is available to specifiers and project buyers on request.

03 Finishes matched to exposure

Bright zinc for dry interiors, yellow passivate for joinery, black phosphate for board work, hot-dip galvanising and zinc flake where corrosion resistance governs.

04 Held in stock, not on paper

Core sizes stocked in Mumbai for short-notice dispatch, so a fixing shortage does not stall a floor.



Contents

Drywall Screws	05
Chipboard Screws	06
Wood Screws	07
Self-Tapping Screws	08
Self-Drilling Screws	09
Roofing Screws	10
GI Threaded Rods	11
Threaded Rod Size Tables	12
Stud Bolts & Anchor Bolts	13
Bucket Grease Dispensers	14
Materials & Finishes	15
Applications	16
Contact & Ordering	17

All dimensions in millimetres unless stated. Sizes and grades subject to availability; non-standard items manufactured to order.

04

Drywall Screws

Bugle head, sharp point — plasterboard to stud.

HEAD / DRIVE	Phillips bugle head (PH2)
POINT	Sharp point
THREAD	Coarse thread for timber stud; fine thread for steel stud
MATERIAL	Case-hardened carbon steel
FINISHES	Black phosphate · White zinc plated · Nickel plated
GAUGES	#6 (3.5 mm) · #8 (4.2 mm)

SELECTION NOTE

Coarse thread for timber studs; fine thread for steel studs of roughly 0.8 to 2.0 mm. Drive until the bugle head sits just flush with the board face – over-driving tears the paper and the fixing loses its hold. Black phosphate is a low-friction finish, not a corrosion coating: specify white zinc or nickel plating in damp areas.



BUGLE HEAD

SIZE RANGE

GAUGE	DIA (MM)	LENGTH (MM)	IMPERIAL
#6	3.5	13	1/2"
#6	3.5	16	5/8"
#6	3.5	19	3/4"
#6	3.5	25	1"
#6	3.5	32	1.1/4"
#6	3.5	38	1.1/2"
#6	3.5	50	2"
#6	3.5	65	2.1/2"
#6	3.5	75	3"
#8	4.2	25	1"
#8	4.2	38	1.1/2"
#8	4.2	50	2"
#8	4.2	75	3"
#8	4.2	100	4"

Sizes confirmed against manufacturer data.

05

Chipboard Screws

Wide bearing head — particle board, MDF and carcass work.

HEAD / DRIVE	Countersunk or wafer head, Pozi / Phillips
POINT	Sharp point, partial or full thread
THREAD	Coarse, high helix for fast draw-down
MATERIAL	Hardened carbon steel
FINISHES	Bright zinc · Yellow passivate
TYPICAL USE	Cabinet carcass, MDF, chipboard, site joinery

SELECTION NOTE

The wide bearing head spreads load so the screw pulls tight without crushing the board face. Use a partial-thread screw where two boards must be clamped together, and pilot-drill close to board edges to avoid splitting the core.



WAFER HEAD

SIZE RANGE

DIA (MM)	LENGTHS AVAILABLE (MM)
3.0	16 · 20 · 25 · 30 · 35 · 40
3.5	16 · 20 · 25 · 30 · 35 · 40 · 45 · 50
4.0	20 · 25 · 30 · 35 · 40 · 45 · 50 · 60 · 70
4.5	30 · 40 · 50 · 60 · 70 · 80
5.0	40 · 50 · 60 · 70 · 80 · 90 · 100
6.0	60 · 70 · 80 · 100 · 120

DRAFTED FROM INDUSTRY STANDARD - PLEASE VERIFY BEFORE PUBLICATION.

06

Wood Screws

Countersunk head — timber to timber, finishing flush.

HEAD / DRIVE	Countersunk head; Phillips, Pozi or Torx drive
POINT	Sharp point
THREAD	Deep single thread, partial thread for clamping pull
MATERIAL	Carbon steel, hardened
FINISHES	Yellow passivate · Bright zinc · Black phosphate
TYPICAL USE	Structural carpentry, decking, joinery, hinges

SELECTION NOTE

Pilot-drill and countersink hardwoods to prevent splitting. Partial-thread screws clamp two timbers together; fully threaded screws resist withdrawal. Yellow passivate for interior joinery; hot-dip galvanised or stainless for exterior work.



SIZE RANGE

DIA (MM)	LENGTHS AVAILABLE (MM)
3.0	16 · 20 · 25 · 30 · 40
3.5	16 · 25 · 30 · 40 · 50
4.0	25 · 30 · 40 · 50 · 60 · 70
4.5	40 · 50 · 60 · 70 · 80
5.0	50 · 60 · 70 · 80 · 90 · 100
6.0	60 · 80 · 100 · 120 · 150

DRAFTED FROM INDUSTRY STANDARD - PLEASE VERIFY BEFORE PUBLICATION.

07

Self-Tapping Screws

Cuts its own mating thread in sheet, plastic and light section.

HEAD / DRIVE	Pan head (DIN 7981) · Countersunk (DIN 7982), Phillips
POINT	Type AB sharp point; type F blunt for pre-drilled work
MATERIAL	Case-hardened carbon steel; stainless on request
FINISHES	Bright zinc · Yellow passivate
TYPICAL USE	Sheet metal, plastics, brackets, light steel section
NOTE	Requires a correctly sized pilot hole in thicker gauges

SELECTION NOTE

A pilot hole matched to the core diameter is needed in sheet thicker than about 1 mm. Sharp type AB points suit thin sheet and plastics; blunt type F points suit pre-drilled heavier gauge. Above roughly 2 mm of steel, use a self-drilling screw instead.



SIZE RANGE

GAUGE	DIA (MM)	LENGTHS AVAILABLE (MM)
#4	2.9	9.5 · 13 · 16 · 19
#6	3.5	9.5 · 13 · 16 · 19 · 25 · 32
#8	4.2	13 · 16 · 19 · 25 · 32 · 38 · 50
#10	4.8	13 · 19 · 25 · 32 · 38 · 50
#12	5.5	19 · 25 · 32 · 38 · 50
#14	6.3	19 · 25 · 32 · 38 · 50

DRAFTED FROM INDUSTRY STANDARD - PLEASE VERIFY BEFORE PUBLICATION.

08

Self-Drilling Screws

Integral drill point — straight through steel, no pilot hole.

STANDARDS	DIN 7504 N (pan) · DIN 7504 P (countersunk) · DIN 7504 T (truss)
HEAD / DRIVE	Pan, countersunk or truss head, Phillips drive
POINT	Integral drill point, drill capacity by point number
MATERIAL	Case-hardened carbon steel
FINISHES	Bright zinc plated
TYPICAL USE	Light-gauge steel framing, cladding rails, metal-to-metal

SELECTION NOTE

Drill capacity is set by the point number - match it to the total thickness being fastened, not the top sheet alone. Use steady axial pressure at moderate speed: too fast burns the point, too slow work-hardens the steel around the hole.



PAN HEAD, DRILL POINT

SIZE RANGE

HEAD TYPE	STANDARD	DIA (MM)	LENGTH RANGE (MM)
Countersunk	DIN 7504 P	3.5	13 - 38
Countersunk	DIN 7504 P	3.9	13 - 50
Countersunk	DIN 7504 P	4.2	13 - 75
Countersunk	DIN 7504 P	4.8	19 - 32
Truss	DIN 7504 T	3.5	13 - 19
Truss	DIN 7504 T	4.2	13 - 50
Truss	DIN 7504 T	4.8	19 - 50
Pan	DIN 7504 N	4.2	13 - 50

Sizes confirmed against manufacturer data.

09

Roofing Screws

Hex head with bonded EPDM washer — sheet to purlin, sealed.

HEAD / DRIVE	Hex head, 8 mm or 5/16" socket drive
WASHER	Bonded EPDM sealing washer, galvanised backing
POINT	Self-drilling point; self-tapping variant available
MATERIAL	Case-hardened carbon steel
FINISHES	Bright zinc · Hot-dip galvanised · Head painted to order
TYPICAL USE	Profiled sheet roofing, wall cladding, weather-sealed fixings

SELECTION NOTE

Fix through the crown of the profile for weather resistance, or the valley where pull-out strength governs - follow the sheet manufacturer pattern. Tighten only until the EPDM washer just compresses and shows a slight bulge; over-tightening distorts the seal and lets water in.



HEX HEAD + EPDM

SIZE RANGE

DIA (MM)	LENGTHS AVAILABLE (MM)	WASHER
5.5	25 · 32 · 38 · 50 · 65 · 75	EPDM 16 mm
6.3	25 · 32 · 38 · 50 · 65 · 80 · 100	EPDM 16-19 mm
6.5	50 · 65 · 80 · 100 · 120	EPDM 19 mm

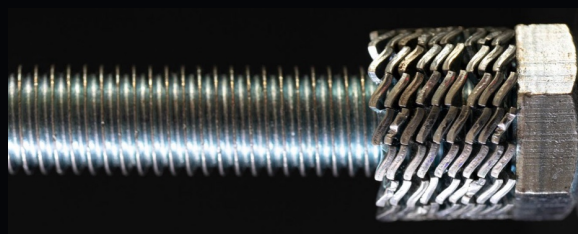
DRAFTED FROM INDUSTRY STANDARD - PLEASE VERIFY BEFORE PUBLICATION.

10

GI Threaded Rods

Full threaded bars, M6 to M100.

M6 - M100 / FULLY THREADED BAR



STANDARDS	ASTM · ASME · BS · DIN · BS EN ISO · JIS
MATERIAL	Mild steel · Carbon steel · Alloy steel · Stainless steel
SIZE RANGE	M6 to M100 metric series; 1/4" to 4" imperial
THREADS	UNC · 8UN · UNF · Metric coarse · Metric fine
FINISHES	Plain · Electro-galvanised · Hot-dip galvanised · Zinc flake · Yellow · Cadmium · Nickel
GRADES - ALLOY	ASTM A193 Gr B7, B7M, B8, B8M & B16; ASTM A320 Gr L7 & L7M
GRADES - STAINLESS	SS 304, 304L, 316, 316L; A2-70/80; A4-70/80
GRADES - CARBON	BS 3692 / BS 4190 Gr 4.6, 4.8, 5.6, 5.8, 8.8
ORDERING	Specify diameter and length, standard and grade

Any other specific grade can be manufactured on request, with short lead times.

TYPICAL APPLICATIONS

- MEP & services suspension
- Pipe and duct hangers
- Cable tray support
- Structural hold-down
- Plant & machinery anchoring
- Formwork tie assemblies

HOW TO ORDER

01

Diameter and length

e.g. M16 x 1000 mm

02

Standard and grade

e.g. DIN 975, ASTM A193 B7

03

Finish

e.g. hot-dip galvanised

11

Size Tables

Metric coarse and imperial UNC / 8UN series.

METRIC SERIES

DIA (D)	PITCH (MM)
M6	1.00
M8	1.25
M10	1.50
M12	1.75
M14	2.00
M16	2.00
M18	2.50
M20	2.50
M22	2.50
M24	3.00
M27	3.00
M30	3.50
M33	3.50
M36	4.00
M39	4.00
M42	4.50
M45	4.50
M48	5.00
M52	5.00
M56	5.50
M64	6.00
M72	6.00

IMPERIAL SERIES

DIA (D)	THREADS / INCH
1/4"	20
5/16"	18
3/8"	16
7/16"	14
1/2"	13
9/16"	12
5/8"	11
3/4"	10
7/8"	9
1"	8
1.1/8"	7
1.1/4"	7
1.3/8"	6
1.1/2"	6
1.5/8"	8
1.3/4"	5
1.7/8"	8
2"	4.1/2
2.1/4"	8
2.1/2"	8
2.3/4"	8
3"	8

Sizes above 1" are available in both UNC and 8UN thread series. Standards: ANSI B1.1 / BS 4882 / DIN 975. Material to ASTM A193 Gr B7, B7M, B16, B8 and B8M. Standard bar lengths 1 m and 3 m; cut lengths to order.

Metric and imperial ranges confirmed against manufacturer data.

AVAILABLE FINISHES

Plain

Electro-galvanised

Hot-dip galvanised

Zinc flake

Yellow

Cadmium

Nickel

STUD BOLTS AND ANCHOR BOLTS SHARE THIS SIZE AND GRADE RANGE - SEE PAGE 13

12

Stud & Anchor Bolts

Engineering studs, foundation and holding-down bolts.

STUD BOLTS



DESCRIPTION	Full threaded studs and engineering studs, supplied with nuts and washers
SIZE RANGE	M6 to M100 metric; 1/4" to 4" imperial
THREADS	UNC · 8UN · UNF · Metric coarse · Metric fine
GRADES	ASTM A193 Gr B7, B7M, B8, B8M & B16; ASTM A320 Gr L7 & L7M
ORDERING	Diameter and length, standard and grade, nut and washer quantity

ANCHOR & FOUNDATION BOLTS

TYPES	Anchor bolts · Foundation bolts · Holding-down bolts · U-bolts · J-bolts · Sag rods · Tie rods
MANUFACTURE	Made to customer drawing and to the grade required
CARBON GRADES	BS 3692 / BS 4190 Gr 4.6, 4.8, 5.6, 5.8, 8.8, 10.9 and 12.9
ASTM GRADES	A307 · A325 · A193 B7 & B16 · A320 L7 · A675 Gr 90 · A572 Gr 50 · F1554 Gr 36, 55 and 105
STAINLESS	SS 304, 304L, 316, 316L; A2-70/80; A4-70/80; A193 Gr B8 & B8M
ORDERING	Dimensions, standard and grade, nut and washer quantity, plate and sleeve dimensions if required

Grades and ranges confirmed against manufacturer data.

FORMS WE MANUFACTURE



U-BOLT · J / FOUNDATION BOLT · FULL THREADED STUD · DOUBLE-ENDED STUD

All forms manufactured to customer drawing. Bar and stud lengths cut to order; nuts and washers supplied to the specified grade.

13

Bucket Grease Dispensers

Portable grease pumps, 1 kg to 25 litre.

RANGE	Hand, foot and air-operated
WITHOUT WHEELS	1 kg · 3 kg
WITH WHEELS	5 kg · 10 kg · 15 kg · 20 kg
FOOT OPERATED	10 kg
PNEUMATIC	12 L · 14 L · 16 L · 25 L
TECHNICAL DATA	Pressure and hose length on request

SELECTION NOTE

Hand-operated units suit general workshop and site greasing. Foot-operated pumps free both hands for awkward points. Air-operated models suit high-volume or continuous duty where a compressed air supply is available.



BUCKET GREASE PUMP

CAPACITY RANGE

MODEL	CAPACITY	MOBILITY
Hand-operated	1 kg · 3 kg	Without wheels
Hand-operated	5 · 10 · 15 · 20 kg	Trolley mounted
Foot-operated	10 kg	Portable
Pneumatic	12 · 14 · 16 · 25 L	Trolley mounted

Capacities shown are bucket sizes. Other capacities and custom configurations supplied on request.

TYPICAL USE

- Construction plant
- Fabrication workshops
- Fleet maintenance
- Agricultural machinery
- Bearings & chain drives
- On-site servicing

Materials & Finishes

Choosing the right coating for the exposure.

■ Plain / self-colour

Uncoated. Indoor, dry, or where a coating is applied afterwards.

■ Bright zinc (electro-galvanised)

General indoor use. Light corrosion resistance, clean silver finish.

■ Yellow passivate

Slightly higher protection than bright zinc. Common on joinery and chipboard screws.

■ Black phosphate

Board and drywall work. Low reflectivity; not a corrosion coating.

■ Hot-dip galvanised

Heavy zinc layer for outdoor, humid and coastal exposure.

■ Zinc flake

High corrosion resistance with low hydrogen-embrittlement risk on high-tensile parts.

■ Nickel / cadmium

Specialist and decorative applications, to order.

■ Stainless steel

A2 (304) for general external; A4 (316) for marine and chemical exposure.

Not sure which finish a job needs? Send us the exposure and substrate and we will specify it.

15

Applications

Where our fixings go to work.

01

Drywall & ceilings

Board to steel stud or timber batten, partition framing, suspended grid.

02

Joinery & furniture

Carcass assembly, particle board and MDF, runners and site woodwork.

03

Roofing & cladding

Profiled sheet to purlin, wall cladding, weather-sealed penetrations.

04

Steel framing & fabrication

Light-gauge sections, brackets, metal-to-metal without pre-drilling.

05

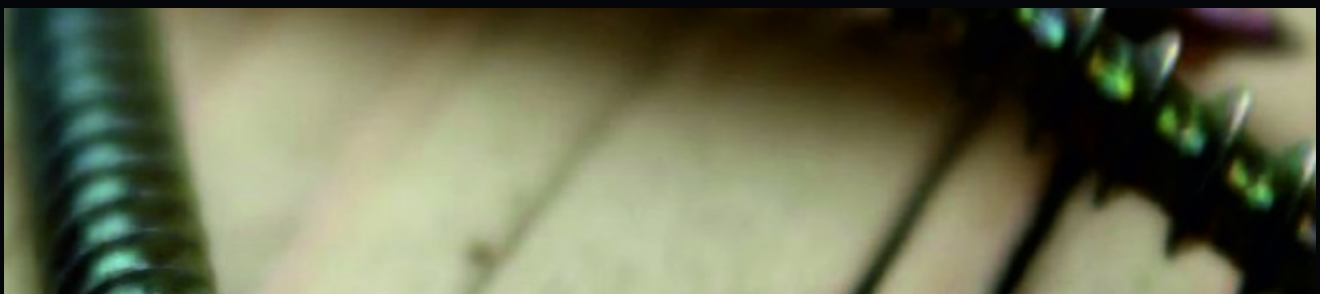
MEP & services support

Threaded rod hangers, pipe supports, cable tray and duct suspension.

06

Structural & civil

Anchor bolts, foundation bolts, holding-down assemblies and tie rods.





Tell us what you are fixing.

Send the screw type, size and quantity — or just describe the job and we will tell you what it takes. Trade and bulk pricing on request.

PHONE

+91 98203 54952

EMAIL

internationalmatz@gmail.com

REGISTERED OFFICE

B-64 Barqaleet Apartments, Bharmal CHS,
Mazgaon, Mumbai 400 010,
Maharashtra, India

HOURS

Monday to Saturday

GSTIN

27AMEPS0973J1ZN

WHAT TO SEND US

- 01** Product family and head type
- 02** Diameter and length
- 03** Finish and grade
- 04** Quantity and delivery