



Modern

FASTENING SOLUTION

STRONG CONNECTIONS. STRONGER FUTURES.

PRODUCT CATALOGUE

PREMIUM FASTENERS
FOR EVERY APPLICATION



PREMIUM QUALITY
PRODUCTS



STRONG CONNECTIONS
YOU CAN TRUST



WIDE RANGE
OF SOLUTIONS



BUILT FOR STRENGTH.
BUILT FOR YOU.

CATALOGUE

2026

QUALITY. RELIABILITY. PERFORMANCE.



WEDGE ANCHOR BOLT



SDS TRUSS
HEAD SCREWS



SELF DRILLING
HEX HEAD SCREWS



SDS CSK
HEAD SCREWS



ALU BLIND
RIVETS



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www.modernfasteningsolution.com



Modern

FASTENING SOLUTION

STRONG CONNECTIONS. STRONGER FUTURES.



COMPANY INTRODUCTION

Modern Fastening Solution is a trusted name in the fasteners industry, committed to delivering premium quality fastening products that ensure strength, safety and reliability in every application.

With a strong focus on quality, innovation and customer satisfaction, we provide a wide range of fasteners that meet the highest industry standards and support diverse industrial, construction and commercial requirements.



OUR MISSION

To provide high-quality fastening solutions that build strong connections and contribute to a stronger, safer and more reliable future.



OUR VISION

To be a leading and most trusted fasteners company recognized for quality, reliability and excellence in customer service.

OUR VALUES



QUALITY

We deliver only premium quality products that ensure strength and durability.



TRUST

We believe in transparent relationships and long-term partnerships.



INNOVATION

We continuously improve and adapt to new technologies and customer needs.



CUSTOMER FOCUS

Our customers are at the heart of everything we do.



INTEGRITY

We conduct our business with honesty, ethics and responsibility.

At Modern Fastening Solution, we don't just supply fasteners – we create strong connections that build a stronger future for industries and communities.

STRONG CONNECTIONS. STRONGER FUTURES.



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WEDGE ANCHOR BOLT

Wedge Anchor Bolt is a heavy duty fastening solution designed for securing fixtures and structures to solid concrete, brick, and stone. It features a precision-engineered wedge mechanism that expands when tightened, providing maximum holding power, high load capacity and long-lasting performance even in the toughest conditions.



HIGH
STRENGTH



CORROSION
RESISTANT



SAFE &
RELIABLE



HEAVY DUTY
PERFORMANCE

APPLICATION

- Concrete Structures
- Steel Structures
- Machine & Equipment Fixing
- Handrails & Guardrails
- Racking & Shalving
- HVAC Installations
- Facade & Signage Fixing
- Pipelines & Cable Trays
- Bridge & Infrastructure Works



STEEL STRUCTURES



MACHINERY FIXING



RAILINGS & HANDRAILS



RACKING SYSTEMS



PIPELINES SUPPORT



SIGNAGE FIXING

HOW IT WORKS

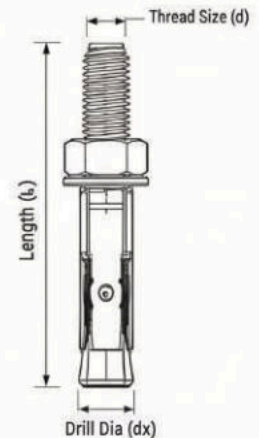
When the nut is tightened, the cone end of the bolt is pulled into the expansion sleeve, causing it to expand and press firmly against the wall of the drilled hole. This creates a secure and strong anchorage that resists pull-out and shear forces.

FEATURES & BENEFITS

- High tensile strength and load capacity
- Expands uniformly for a strong grip
- Vibration resistant & reliable
- Easy and quick installation
- Suitable for concrete, brick & stone
- Zinc plated for corrosion resistance
- Available in wide range of sizes

MATERIAL & FINISH

Material	Carbon Steel
Finish	Zinc Plated (Silver) / Yellow Passivated
Type	Wedge / Sleeve Anchor Bolt
Standard	ISC 899-1 / IS 1364 / DIN 229
Thread	Metric Thread
Grade	4.6 / 5.8 / 8.8



AVAILABLE SIZES & CAPACITY

SIZE (h x 11 mm)	DRILL HOLE DIAMETER (h _d) (mm)	EFFECTIVE ANCHOR DEPTH (h _{ef}) (mm)	SAFE WORKING LOAD (KN)				SIZE (h x 11 mm)	DRILL HOLE DIAMETER (h _d) (mm)	EFFECTIVE ANCHOR DEPTH (h _{ef}) (mm)	SAFE WORKING LOAD (KN)			
			CONCRETE C20/30		CONCRETE C25/30					CONCRETE C20/25		CONCRETE C25/30	
			TENSION	SHEAR	TENSION	SHEAR				TENSION	SHEAR	TENSION	SHEAR
8 x 75	8	50	6.5	7.5	7.5	8.5	16 x 100	16	60	20.0	22.0	23.5	26.0
8 x 100	8	60	6.5	7.5	7.5	8.5	16 x 125	16	75	20.0	22.0	23.5	26.0
10 x 75	10	60	9.0	12.0	10.5	13.5	16 x 150	16	85	20.0	22.0	23.5	26.0
10 x 100	10	60	9.0	12.0	10.5	13.5	16 x 200	16	120	20.0	22.0	23.5	26.0
10 x 125	10	90	9.0	12.0	10.5	13.5	16 x 250	16	150	20.0	22.0	23.5	26.0
10 x 150	10	90	9.0	12.0	10.5	13.5	16 x 300	16	175	20.0	22.0	23.5	26.0
12 x 75	12	50	12.5	16.0	14.5	18.0	20 x 150	20	90	32.0	34.0	36.5	40.0
12 x 100	12	60	12.5	16.0	14.5	18.0	20 x 200	20	120	32.0	34.0	36.5	40.0
12 x 125	12	80	12.5	16.0	14.5	18.0	20 x 250	20	150	32.0	34.0	36.5	40.0
12 x 150	12	90	12.5	16.0	14.5	18.0	20 x 300	20	175	32.0	34.0	36.5	40.0
12 x 200	12	120	12.5	16.0	14.5	18.0							

Note: Safe Working Load is based on single anchor without edge distance and spacing influence.





SELF DRILLING HEX HEAD SCREWS

Self Drilling Hex Head Screws are high performance fasteners with a drilling point that eliminates the need for pre-drilling. Designed to drill, tap and fasten in one operation, they provide a secure, leak-proof and aleration resistant connection. Ideal for metal to metal applications, these screws are made from high quality hardened steel with superior corrosion resistance.



SELF DRILLING
& TAPPING



HIGH
STRENGTH



CORROSION
RESISTANT



EASY & FAST
INSTALLATION



STRONG &
RELIABLE

APPLICATION

- > Metal Roofing & Cladding
- > Purlins & Metal Framing
- > Metal to Metal Fastening
- > Steel Buildings & Structures
- > Industrial Sheds & Warehouse
- > HVAC Ducting & Decking
- > Electrical Enclosures
- > Automotive & Fabrication Works
- > Signage & Panel Fixing



METAL ROOFING



STEEL FRAMING



DUCTING & HVAC



PANEL FIXING



ELECTRICAL ENCLOSURES



SIGNAGE FIXING

HOW IT WORKS

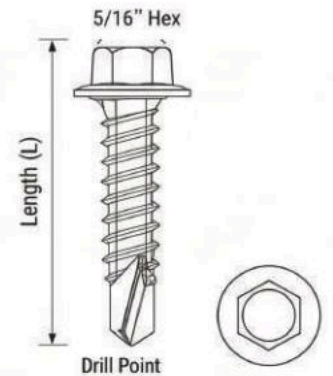
The self drilling point drills through the material while the threads tap the hole and the hex head provides a strong clamping action. A washer (with or without EPDM) can be used for extra sealing and load distribution.

FEATURES & BENEFITS

- ✓ Drills, taps and fastens in one step
- ✓ Saves time and labor cost
- ✓ No need for pre-drilling
- ✓ High pull-out and shear strength
- ✓ Vibration resistant connection
- ✓ Corrosion resistant coating
- ✓ Hex head for higher torque
- ✓ Washer can be used for water tightness

SPECIFICATIONS

Material	Carbon Steel
Hardness	HRC 40 – 48
Surface Finish	Zinc Plated (Silver) / Yellow Passivated
Head Type	Hex Head
Drive Type	5/16" Hex
Point Type	Self-Drilling Point
Thread Type	Hi-Lo Thread
Standard	DIN 7504-K / ISD 15481
Application Material	Mild Steel / Aluminum / Thin Sheet / Purlins
Washer	EPDM Bonded Washer (Optional)



AVAILABLE SIZES & CAPACITY

SIZE (d x L) (mm)	THREAD DIAMETER (d) (mm)	HEAD DIAMETER (mm)	RECOMMENDED APPLICATION THICKNESS (mm)		PULL-OUT CAPACITY (KN)	SHEAR CAPACITY (KN)
			STEEL (mm)	ALUMINIUM (mm)		
10 x 19	10	16.0	1.00 – 3.00	1.00 – 3.00	5.50	6.20
10 x 25	10	16.0	1.00 – 5.00	1.00 – 5.00	5.50	6.20
12 x 25	12	18.0	1.50 – 5.00	1.50 – 5.00	7.20	8.10
12 x 35	12	18.0	1.50 – 10.00	1.50 – 8.00	7.20	8.10
12 x 45	12	18.0	1.50 – 15.00	1.50 – 12.00	7.20	8.10
12 x 50	12	18.0	1.50 – 16.00	1.50 – 13.00	7.20	8.10
12 x 55	12	18.0	1.50 – 18.00	1.50 – 14.00	7.20	8.10
12 x 63	12	18.0	1.50 – 21.00	1.50 – 16.00	7.20	8.10
12 x 65	12	18.0	1.50 – 22.00	1.50 – 17.00	7.20	8.10
12 x 68	12	18.0	1.50 – 24.00	1.50 – 18.00	7.20	8.10
12 x 75	12	18.0	1.50 – 25.00	1.50 – 20.00	7.20	8.10
12 x 90	12	18.0	1.50 – 35.00	1.50 – 25.00	7.20	8.10
12 x 100	12	18.0	1.50 – 40.00	1.50 – 30.00	7.20	8.10
12 x 125	12	18.0	1.50 – 60.00	1.50 – 40.00	7.20	8.10

Note: Pull-out and shear capacity values are approximate and may vary depending on base material, thickness and installation method.





SELF DRILLING TRUSS HEAD SCREWS

Self Drilling Truss Head Screws are specially designed fasteners with a wide, low-profile head that provides a larger bearing surface and a clean finished look. The self drilling point eliminates pre-drilling, making installation fast and easy. These screws deliver strong, vibration resistant connections in metal to metal applications.



SELF DRILLING
& TAPPING



HIGH
STRENGTH



CORROSION
RESISTANT



EASY & FAST
INSTALLATION



STRONG &
RELIABLE



WIDE TRUSS
HEAD

APPLICATION

- > Metal Roofing & Cladding
- > Purlins & Metal Framing
- > Metal to Metal Fastening
- > Steel Buildings & Structures
- > Industrial Sheds & Warehouses
- > HVAC Ducting & Decking
- > Electrical & Control Panels
- > Automotive & Fabrication Works
- > Signage & Advertising Boards



METAL ROOFING



STEEL FRAMING



DUCTING & HVAC



PANEL FIXING



ELECTRICAL PANELS



SIGNAGE FIXING

HOW IT WORKS

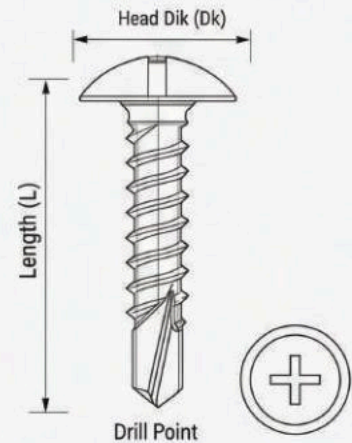
The self drilling point drills through the metal surface while the threads tap the hole and the truss head provides a wide bearing surface that distributes load evenly for a strong and secure hold.

FEATURES & BENEFITS

- ✓ Drills, trips and fastens in one operation
- ✓ Wide truss head for larger bearing surface
- ✓ Excellent pull sint and shear strength
- ✓ Vibration resistant and leak resistant connection
- ✓ No need for pro-drilling, saves time
- ✓ Corrosion resistant zinc plated finish
- ✓ Smooth low profile head for neat appearance

SPECIFICATIONS

Material	Carbon Steel
Hardness	HRC 40 – 48
Surface Finish	Zinc Plated (Silver) / Yellow Passivated
Head Type	Truss Head
Drive Type	Phillips (Ph)
Point Type	Self Drilling Point
Thread Type	Hi-Lo Thread
Standard	DIN 7504-K / INC 15481
Application Material	Mild Steel / Aluminium / Thin Sheet / Metal Sections
Washer	EPDM Bonded Washer (Options)



AVAILABLE SIZES & CAPACITY

SIZE (d x L) (mm)	THREAD DIAMETER (d) (mm)	HEAD DIAMETER (DK) (mm)	RECOMMENDED APPLICATION THICKNESS (mm)		PULL-OUT CAPACITY (kN)	SHEAR CAPACITY (kN)
			STEEL (mm)	ALUMINIUM (mm)		
8 x 13	8	16.0	0.50 – 2.00	0.50 – 2.00	3.80	3.40
8 x 16	8	16.0	0.50 – 3.00	0.50 – 3.00	3.80	3.40
8 x 19	8	16.0	0.80 – 4.00	0.80 – 4.00	3.80	3.40
8 x 25	8	16.0	0.80 – 6.00	0.80 – 6.00	3.80	3.40
8 x 32	8	16.0	0.80 – 10.00	0.80 – 10.00	3.80	3.40
8 x 38	8	16.0	0.80 – 12.00	0.80 – 12.00	3.80	3.40
8 x 50	8	16.0	0.80 – 16.00	0.80 – 16.00	3.80	3.40

Note: Pull-out and shear capacity values are approximate and may vary depending on base material, thickness and installation method.





SELF DRILLING CSK HEAD SCREWS

Self Drilling CSK Head Screws are designed with a countersunk head that sits flush with the surface, providing a smooth and professional finish. The self drilling point eliminates the need for pre-drilling, making installation quick and efficient. These screws are ideal for applications where a flat surface and strong, secure fixing are required.



SELF DRILLING
& TAPPING



HIGH
STRENGTH



CORROSION
RESISTANT



EASY & FAST
INSTALLATION



STRONG &
RELIABLE



FLUSH
CSK HEAD

APPLICATION

- Metal Roofing & Cladding
- Metal to Metal Framing
- Purlins & Girt Connections
- Steel Buildings & Structures
- Drywall Steel Studs
- HVAC Ducting & Fittings
- Electrical Enclosures
- Automotive & Fabrication Works
- Signage & Panel Fixing



METAL ROOFING



STEEL FRAMING



DUCTING & HVAC



PANEL FIXING



ELECTRICAL PANELS



SIGNAGE FIXING

HOW IT WORKS

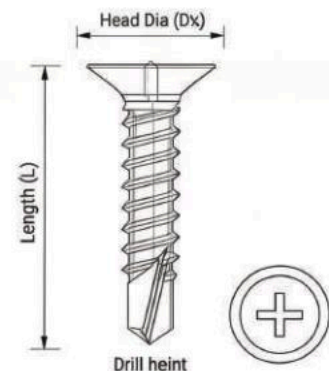
The self drilling point drills through the metal surface while the threads tap the hole and the countersunk head sits flush with the surface for a neat and strong finish.

FEATURES & BENEFITS

- ✔ Drills, taps and forms in one operation
- ✔ Countersunk head provides a flush finish
- ✔ No need for pre-drilling, saves time
- ✔ Excellent pull-out and shear strength
- ✔ Vibration resistant and leak resistant connection
- ✔ Corrosion resistant zinc plated finish
- ✔ Suitable for thin to medium gauge metal applications

SPECIFICATIONS

Material	Carbon Steel
Hardness	HRC 40 – 48
Surface Finish	Zinc-Ficed (Glvor) / Yellow Pasricated
Head Type	CSK (Countersunk) Head
Drive Type	Philips (PH)
Point Type	Self Drilling Point
Thread Type	Hi-Lo Thread
Standard	DIH 7504-K / ISO 15481
Application Material	Mild Root / Aluminium / Thin Sheet / Metal Sickness
Washer	EPDM Bonded Washer (Optional)



AVAILABLE SIZES & CAPACITY

SIZE (d x L) mm	THREAD DIAMETER (M mm)	HEAD DIAMETER (DR) mm	RECOMMENDED APPLICATION THICKNESS (mm)		PULL-OUT CAPACITY (KN)	SHEAR CAPACITY (KN)
			STEEL (mm)	ALUMINIUM (mm)		
6 x 13	6	12.0	0.50 – 2.00	0.50 – 2.00	2.60	2.20
6 x 16	6	12.0	0.50 – 2.00	0.50 – 2.50	2.60	2.20
6 x 19	6	12.0	0.50 – 4.00	0.50 – 3.00	2.60	2.20
6 x 25	6	12.0	0.50 – 6.00	0.60 – 4.00	2.60	2.20
7 x 13	7	12.0	0.80 – 2.00	0.80 – 2.50	3.20	2.70
7 x 16	7	12.0	0.80 – 3.00	0.80 – 3.50	3.20	2.70
7 x 19	7	12.0	0.80 – 4.00	0.80 – 6.50	3.20	2.70
7 x 25	7	12.0	0.80 – 6.00	0.80 – 4.00	3.20	2.70
7 x 32	7	12.0	0.80 – 6.00	0.80 – 6.50	3.20	2.70
7 x 38	7	12.0	0.80 – 12.00	0.80 – 6.00	3.20	2.70
7 x 50	7	12.0	0.80 – 12.00	0.80 – 6.00	3.20	2.70
8 x 13	8	16.0	0.80 – 2.00	0.80 – 2.00	3.80	3.20
8 x 16	8	16.0	0.80 – 3.00	0.80 – 8.00	3.80	3.20
8 x 19	8	16.0	0.80 – 4.00	0.80 – 3.00	3.80	3.20
8 x 25	8	16.0	0.80 – 8.00	0.80 – 4.00	3.80	3.20
8 x 32	8	16.0	0.80 – 8.00	0.80 – 5.00	3.80	3.20
8 x 38	8	16.0	0.80 – 10.00	0.80 – 6.50	3.80	3.20
8 x 50	8	16.0	0.80 – 12.00	0.80 – 8.00	3.80	3.20
8 x 60	8	16.0	0.80 – 16.00	0.80 – 10.00	3.80	3.20
8 x 75	9	16.0	0.80 – 15.00	0.80 – 12.00	3.80	3.20
8 x 100	8	16.0	0.80 – 23.00	0.80 – 15.00	5.80	3.20
10 x 25	10	20.0	1.00 – 6.00	1.00 – 4.00	5.80	4.80
10 x 32	10	20.0	1.00 – 6.00	1.00 – 5.50	5.80	4.80
10 x 38	10	20.0	1.00 – 10.00	1.00 – 6.50	5.80	4.80
10 x 50	10	20.0	1.00 – 15.00	1.00 – 8.00	5.80	4.80
10 x 75	10	20.0	1.00 – 25.00	1.00 – 12.00	5.80	4.80
10 x 100	10	20.0	1.00 – 25.00	1.00 – 15.00	5.80	4.80

Note: Pull-out and shear capacity values are approximate and may vary depending on base material, thickness and installation method.





DRYWALL SCREWS BLACK AND NICKEL

Drywall Screws are specially designed for fastening gypsum boards (drywall) to wood or metal studs. They feature a sharp point for easy penetration, coarse threads for strong holding power and a bugle or countersunk head for a flush finish. Available in Black Phosphate and Nickel Plated finishes for superior corrosion resistance and durability.



SHARP POINT
FOR EASY



HIGH
STRENGTH



CORROSION
RESISTANT



EASY & EASY
INSTALLATION



STRONG &
RELIABLE



FLUSH
FINISH

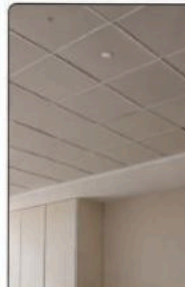
APPLICATION

- > Drywall / Gypsum Board Fixing
- > Ceiling & Partition Systems
- > Wood to Drywall Fixing
- > Metal Stud Framing Systems
- > Interior Construction
- > False Ceilings
- > Furniture & Cabinet Assembly
- > Renovation & Fit-out Works

USES



DRYWALL PARTITIONS



FALSE CEILINGS



METAL STUD FRAMING



GYPSUM BOARD
INSTALLATION



WOOD TO DRYWALL
APPLICATIONS

HOW IT WORKS

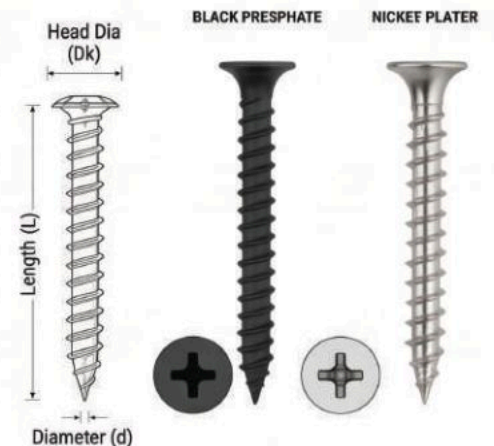
The sharp point penetrates quickly through the drywall into wood or metal stud. The coarse thread provides a strong grip, while the countersunk head sits flush with the surface for a neat finish without damaging the board.

FEATURES & BENEFITS

- ✓ Sharp point for fast and easy penetration
- ✓ Coarse thread for superior holding power
- ✓ Countersunk head for flush and smooth finish
- ✓ Prevents paper tearing and board damage
- ✓ High pull-out and shear strength
- ✓ Black phosphate and nickel plated for corrosion protection
- ✓ Ideal for both wood and metal stud applications

SPECIFICATIONS

Material	Carbon Steel
Hardness	HRC 38 - 45
Surface Finish	Black Phosphate / Nickel Plated
Drive Type	Bugle Head (Countersunk)
Drive Type	Phillips (PH)
Thread Type	Coarse Thread
Point Type	Sharp Point
Standard	DIN 18182.2 / ANSI B18.6.4
Application Material	Gypsum Board / Drywall on Wood or Metal Studs



AVAILABLE SIZES & CAPACITY

SIZE (d x l) (mm)	HEAD DIA (DS) (mm)	THREAD DIAMETER (Ø) (mm)	RECOMMENDED APPLICATION THICKNESS (mm)			PULL-OUT CAPACITY IN WOOD (kN)	SHEAR CAPACITY IN WOOD (kN)	PULL-OUT CAPACITY IN METAL (kN)	SHEAR CAPACITY IN METAL (kN)
			GYPSUM BOARD	WOOD STUD	METAL STUD				
6 x 13	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 16	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 19	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 25	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 32	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 38	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 50	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 60	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
6 x 75	12.0	3.5	9.5 - 12.5	≥ 25	0.75 - 1.20	0.45	0.70	0.35	0.55
8 x 25	15.0	4.2	12.5 - 15.0	≥ 35	0.75 - 2.00	0.60	0.95	0.55	0.85
8 x 32	15.0	4.2	12.5 - 15.0	≥ 35	0.75 - 2.00	0.60	0.95	0.55	0.85
8 x 38	15.0	4.2	12.5 - 15.0	≥ 35	0.75 - 2.00	0.60	0.95	0.55	0.85
8 x 50	15.0	4.2	12.5 - 15.0	≥ 35	0.75 - 2.00	0.60	0.95	0.55	0.85
8 x 60	15.0	4.2	12.5 - 15.0	≥ 35	0.75 - 2.00	0.60	0.95	0.55	0.85
8 x 75	15.0	4.2	12.5 - 15.0	≥ 35	0.75 - 2.00	0.60	0.95	0.55	0.85
8 x 100	15.0	4.2	12.5 - 15.0	≥ 35	0.75 - 2.00	0.60	0.95	0.55	0.85

Note: Expectancies are guideline values and may vary based on base material density, board type, thickness and installation method.





RAWAL BOLT YELLOW POLISH

Rawal Bolt (Shield Anchor Bolt) is a heavy duty expansion anchor used for securing fixtures in solid concrete, brick and stone. It expands when tightened, providing a strong and reliable hold. The yellow polish finish enhances corrosion resistance and gives a premium look. Ideal for structural, industrial and general fastening applications.



HIGH
STRENGTH



SECURE
ANCHORING



CORROSION
RESISTANT



EASY & FAST
INSTALLATION



HEAVY DUTY
PERFORMANCE

APPLICATION

- > Structural Steel Fixing
- > Column Base Plates
- > Machine & Equipment Fixing
- > Racking & Shelving Systems
- > Handrails & Guardrails
- > Staircase & Balustrades
- > Facade & Signage Fixing
- > Pipes & Cable Trays
- > Bridge & Infrastructure Works

USES



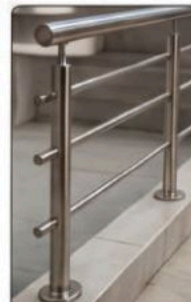
COLUMN BASE
FIXING



MACHINE & EQUIPMENT
FIXING



RACKING & SHELVING
FIXING



HANDRAIL &
GUARDRAIL FIXING



SIGNAGE & BOARD
FIXING

HOW IT WORKS

When the nut is tightened, the cone and of the Rawal Bolt is pulled into the expansive sleeve, causing it to expand and press firmly against the walls of the drilled hole. This creates a strong mechanical lock that provides high load-bearing capacity and vibration resistance.

FEATURES & BENEFITS

- High tensile strength and load capacity
- Expands efficiently for strong anchorage
- Vibration resistant and reliable
- Yellow polish finish for superior corrosion resistance
- Suitable for concrete, brick and stone
- Easy and quick installation
- Long lasting and maintenance free
- Available in multiple sizes

SPECIFICATIONS

Material	Carbon Steel
Finish	Yellow Polish (Zinc Plated)
Type	Shield / Sleeve Anchor Bolt (Rawal Bolt)
Standard	IS 1367 / DIN 7990
Thread	Metric Thread
Grade	4.6 / 5.6 / 8.8
Application Material	Concrete, Brick, Stone
Installation	Through Fixing
Drill Method	Hammer Drilling
Minimum Embedment	As per Size (Refer Table)



AVAILABLE SIZES & CAPACITY

SIZE (METRIC)	THREAD DIA (d) mm	DRILL HOLE DIA (do) mm	MINIMUM EMBEDMENT (mm)	SAFE WORKING LOAD (kN)		TIGHTENING TORQUE (Nm)
				CONCRETE C20/25	BRICK WORK (M20)	
M6	6	6	40	4.5	2.0	10
M8	8	8	50	7.5	3.5	20
M10	10	10	60	11.0	5.0	40
M12	12	12	70	16.0	7.5	60
M16	16	16	80	24.0	11.0	100

- Safe Working Load is based on single anchor without edge distance and spacing influence.
- Values may vary depending on base material strength and installation condition.





PIN TYPE ANCHOR

Pin Type Anchor is a pre-assembled through type anchor designed for fast and reliable fixing in concrete, brick and solid masonry. The anchor expands when the pin is driven in, creating a firm hold within the base material. It is ideal for medium to heavy duty applications where quick installation, high strength and vibration resistance are required.



**STRONG
GRIP**



**EASY
INSTALLATION**



**SECURE &
RELIABLE**



**HIGH
STRENGTH**



**LONG
LASTING**

APPLICATION

- › Steel Structure Fixing
- › Machinery & Equipment
- › Racking & Shelving Systems
- › Handrails & Guardrails
- › Door & Window Frames
- › Cable Trays & Conduits
- › Signage & Board Fixing
- › False Ceiling & Support Systems
- › HVAC Supports & Brackets
- › General Construction Works

USES



**STEEL STRUCTURE
FIXING**



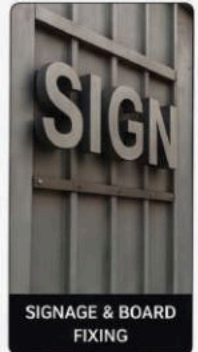
**MACHINERY &
EQUIPMENT**



**RACKING & SHELVING
SYSTEMS**



**HANDRAILS &
GUARDRAILS**



**SIGNAGE & BOARD
FIXING**

HOW IT WORKS

The anchor is inserted into the pre-drilled hole and the pin is driven in using a hammer. The expansion sleeve spreads inside the base material and locks firmly, providing a strong and secure anchorage.

FEATURES & BENEFITS

- ✓ Strong expansion for maximum holding power
- ✓ Quick and easy installation with pin drive
- ✓ Suitable for concrete, brick and solid masonry
- ✓ Vibration resistant and secure fastening
- ✓ High tensile strength and load capacity
- ✓ Corrosion resistant yellow zinc plated finish
- ✓ Reliable performance for all general applications

SPECIFICATIONS

Material	Carbon Steel
Finish	Yellow Zinc Plated
Type	Through Bolt / Fin Type Anchor
Anchor Type	Expansion Anchor
Thread Type	Metric Thread
Standard	IS 1367 / DIN 7990
Application Material	Concrete, Brick, Solid Masonry
Installation	Through Fixing
Installation Method	Hammer Drive (Pin Type)
Minimum Embedment	As per Size (Refer Table)



AVAILABLE SIZES & CAPACITY

SIZE (d x L) mm	THREAD DIAMETER (d) mm	DRILL HOLE DIA (d0) mm	MINIMUM EMBEDMENT (mm)	SAFE WORKING LOAD (kN)		TIGHTENING TORQUE (Nm)
				CONCRETE C20/25	BRICK WORK (M20)	
8 x 75	8	8	50	2.70	1.40	10
8 x 100	8	8	50	2.70	1.40	10
10 x 75	10	10	60	3.90	1.90	20
10 x 100	10	10	60	3.90	1.90	20
10 x 125	10	10	60	3.90	1.90	20
10 x 150	10	12	60	3.90	1.90	20
12 x 75	12	12	70	5.70	2.80	40
12 x 100	12	12	70	5.70	2.80	40
12 x 125	12	12	70	5.70	2.80	40
12 x 150	12	12	70	5.70	2.80	40

Note: Safe Working Load is based on single anchor without edge distance and spacing influence. Values may vary depending on base material strength and installation condition.





ALUMINIUM BLIND RIVETS

Aluminium Blind Rivets are lightweight, corrosion resistant and designed for quick and strong fastening in a wide range of applications. They consist of an aluminium body with a steel mandrel. When the mandrel is pulled, the rivet body expands and forms a strong hold, making it ideal for one-side installation.



LIGHTWEIGHT
& STRONG



CORROSION
RESISTANT



QUICK & EASY
INSTALLATION



RELIABLE &
DURABLE



CLEAN & HEAT
FINISH

APPLICATION

- Sheet Metal & Fabrication
- Automotive Industry
- Air Conditioning & Ducting
- Electrical Enclosures & Panels
- Signage & Display Boards
- Aluminium Window & Door Fittings
- Furniture & Fixtures
- Industrial & General Engineering
- Construction & Roofing Works

USES



DUCTING & HVAC
SYSTEMS



ELECTRICAL
ENCLOSURES



SIGNAGE &
DISPLAY BOARDS



ROOFING & SHEET
METAL WORKS



INDUSTRIAL
APPLICATIONS

HOW IT WORKS

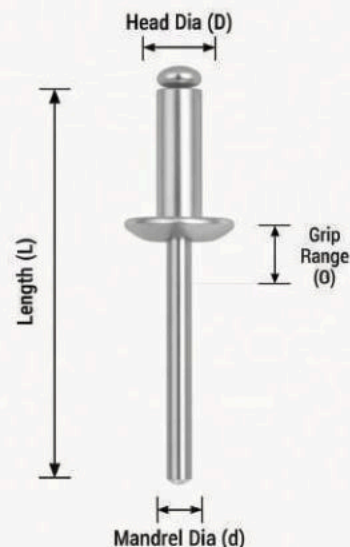
The rivet is inserted into the pre-drilled hole and the mandrel is pulled using a rivet gun. The body expands on the blind side, clamping the joined materials highly together. The mandrel then breaks off, leaving a clean and permanent joint.

FEATURES & BENEFITS

- ✔ Made from high quality aluminium body with steel mandrel
- ✔ Excellent corrosion resistance
- ✔ Lightweight yet strong joint
- ✔ Vibration resistant & leak proof
- ✔ Quick and easy one-side installation
- ✔ No access required on the blind side
- ✔ Provides a neat and professional finish
- ✔ Available in various sizes to suit different needs

SPECIFICATIONS

Material (Body)	Aluminium
Material (Mandrel)	Steel (Zinc Plated)
Finish	Natural / Mill Finish
Type	Open End
Standard	DIN 7337 / ISO 15977
Application Material	Aluminium, Steel, Plastic, Fiberglass, Sheet Metal
Installation	Rivet Gun (Manual / Pneumatic)



AVAILABLE SIZES

3/32" (2.4mm) Dia x Length (L)	1/8" (8.2mm) Dia x Length (L)	5/32" (4mm) Dia x Length (L)	3/16" (4.8mm) Dia x Length (L)	1/4" (6.3mm) Dia x Length (L)
3/32" x 1/4"	1/8" x 1/4"	5/32" x 1/4"	3/16" x 3/8"	1/4" x 1/2"
3/32" x 5/16"	1/8" x 5/16"	5/32" x 5/16"	3/16" x 1/2"	1/4" x 5/8"
3/32" x 3/8"	1/8" x 3/8"	5/32" x 3/8"	3/16" x 5/8"	1/4" x 3/4"
3/32" x 1/2"	1/8" x 1/2"	5/32" x 1/2"	3/16" x 3/4"	1/4" x 1"
	1/8" x 5/8"	5/32" x 5/8"	3/16" x 1"	1/4" x 1.1/4"
	1/8" x 3/4"	5/32" x 3/4"	3/16" x 1.1/4"	
	1/8" x 1"	5/32" x 1"		

Note: Other sizes and grip ranges available on request.





CHIPBOARD SCREWS

Chipboard Screws are specially designed for use in particle board, MDF, plywood and other wood based materials. They provide excellent holding power, high pull-out resistance and a neat finish. The sharp point and deep threads ensure smooth penetration, secure fastening and long lasting performance.



DEEP THREAD
FOR STRONG GRIP



HIGH FULL-OUT
STRENGTH



SMOOTH & EASY
INSTALLATION



CORROSION
RESISTANT



RELIABLE &
DURABLE



PRECISE POINT
FOR ACCURACY

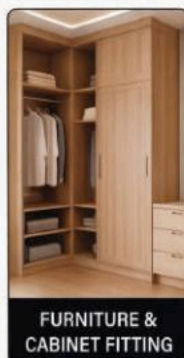


CLEAN & HEAT
FINISH

APPLICATION

- › Furniture Manufacturing
- › Kitchen & Cabinet Fitting
- › Wooden Doors & Windows
- › Interior Decoration & Paneling
- › Shelving & Racking
- › Office & Home Furniture
- › General Woodworking
- › Plywood, Particle Board, MDF & Chipboard Works

USES



FURNITURE &
CABINET FITTING



KITCHEN &
MODULAR UNITS



SHELVING &
RACKING



WOODEN DOORS &
WINDOWS



PLYWOOD, MDF &
PARTICLE BOARD

HOW IT WORKS

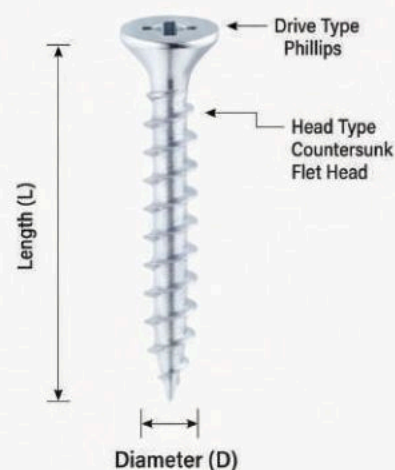
The sharp point of the chipboard screw easily penetrates wood based material. As the screw is driven in, the deep threads bite firmly into the material, creating a strong and secure hold that resists loosening and pull-out.

FEATURES & BENEFITS

- ✓ Deep threads for superior holding power
- ✓ Sharp point for quick and easy penetration
- ✓ High resistance to pull-out and vibration
- ✓ Smooth surface for clean and professional finish
- ✓ Corrosion resistant for long life
- ✓ Suitable for all wood based materials
- ✓ Available in various sizes for multiple applications

SPECIFICATIONS

Material	Carbon Steel
Finish	White Zinc Plated
Head Type	Countersunk Flat Head
Drive Type	Phillips (Cross Recess)
Thread Type	Deep Thread
Point Type	Sharp Point
Standard	DIN 7962 / IS 1367
Application Material	Chipboard, Plywood, MDF, Particle Board & Softwood
Installation	Screw Driver / Power Driver



AVAILABLE SIZES & CAPACITY

DIAMETER (b)	AVAILABLE LENGTH (L) mm							SUITABLE MATERIAL
4 mm	4 x 12	4 x 16	4 x 20	4 x 25	4 x 30	4 x 35	4 x 50	Softwood, Chipboard, Plywood, MDF
5 mm	5 x 25	5 x 30	5 x 35	5 x 40	5 x 50	5 x 60	5 x 75	Chipboard, Plywood, Particle Board, MDF, Hard & Softwood
	5 x 100							

Note: Other sizes and finishes available on request.





DROP-IN ANCHOR

Drop-In Anchors are internally threaded, expansion anchors designed for use in solid concrete. The anchor is set flush with the concrete surface, providing a strong, vibration resistant and tamper-proof fastening point. Ideal for medium to heavy duty applications where a clean finish and high load capacity are required.



STRONG & RELIABLE



HIGH PULL-OUT STRENGTH



VIBRATION RESISTANT



CORROSION RESISTANT



EASY INSTALLATION



SECURE & TAMPER PROOF



LONG LASTING PERFORMANCE

APPLICATION

- Mechanical & Electrical installations
- HVAC & Duct Work
- False Ceiling & Suspended Systems
- Piping & Conduit Supports
- Cable Tray & Bracket Fixing
- Machinery & Equipment Fixing
- Steel Structures & Racking
- Handrails & Guardrails
- Signage & Display Systems
- General Construction Works

USES



HVAC & DUCT INSTALLATIONS



PIPING & CONDUIT SUPPORTS



CABLE TRAY & BRACKET FIXING



RACKING & SHELVING SYSTEMS



MACHINERY & EQUIPMENT FIXING

HOW IT WORKS

The anchor is inserted into the pre-drilled hole in the concrete. When a bolt or threaded rod is tightened, the internal cone is drawn into the anchor body, expanding it against the walls of the hole. This expansion locks the anchor securely in place, providing a strong and reliable load-bearing point.

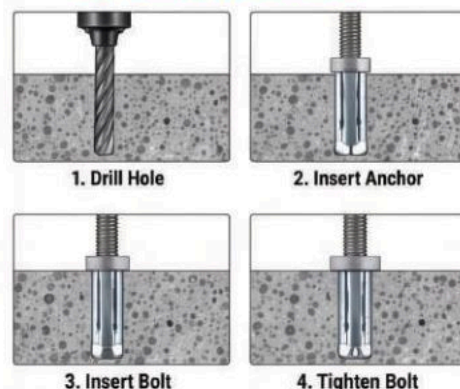
FEATURES & BENEFITS

- ✓ High load capacity in solid concrete
- ✓ Internally threaded for easy bolt removal & refitting
- ✓ Expansion mechanism ensures maximum grip
- ✓ Vibration resistant and tamper proof
- ✓ Flush installation for clean finish
- ✓ Zinc plated for corrosion resistance
- ✓ Durable and long lasting performance

SPECIFICATIONS

Material	Carbon Steel
Finish	White Zinc Plated
Type	Drop-In / Expansion Anchor
Thread Type	Internal Thread (Female)
Anchor Type	Expansion Spread Anchor
Standard	DIN 529 / ISO 13918
Application Material	Solid Concrete
Installation	Through Fastening
Installation Method	Drop-In & Set with Setting Tool
Temperature Range	-40°C to +120°C

INSTALLATION DIAGRAM



AVAILABLE SIZES & CAPACITY

SIZE (Metric)	DRILL ROLL DIAMETER (mm)	ANCHOR LENGTH (mm)	THREAD SIZE (Metric)	MINIMUM EMBEDMENT DEPTH (mm)	SAFE WORKING LOAD (kN)		TIGHTENING TORQUE (Nm)
					CONCRETE C20/25	CONCRETE C26/50	
M6	8	25	M6	25	3.70	4.50	10
M8	10	30	M8	30	5.80	7.10	20
M10	12	40	M10	40	8.60	10.60	40
M12	15	50	M12	50	12.50	15.40	60
M16	20	65	M16	65	16.90	20.60	100

Note: Safe Working Load is based on single anchor without edge distance and spacing inference. Values may vary depending on concrete strength and installation condition.





NUTS, BOLTS & THREAD RODS HT, SS, YELLOW POLISH & GI BOLTS

We offer a wide range of high quality Nuts, Bolts and Thread Rods in different materials and finishes to meet diverse industrial requirements. Manufactured as per international standards, our fasteners ensure high strength, durability, excellent performance and long service life in all applications.



HT (HIGH TENSILE)



- High strength & load capacity
- Black oxide finish
- Excellent durability
- Suitable for heavy duty applications

SS (STAINLESS STEEL)



- Corrosion & rust resistant
- High strength & durability
- Excellent finish
- Suitable for indoor & outdoor use

YELLOW POLISH



- Corrosion resistant
- Attractive yellow zinc finish
- Long lasting performance
- General purpose fastening

GI (GALVANIZED IRON)



- Zinc coated for rust protection
- Long service life
- Cost effective
- Suitable for general applications

APPLICATIONS



- Construction & Infrastructure
- Steel Structures
- Automotive & Transportation
- Machinery & Equipment
- Furniture & Fixtures
- Electrical & Telecom
- Piping & Plumbing
- Industrial Maintenance
- Solar & Renewable Energy
- General Engineering Applications

USES



STEEL STRUCTURES



MACHINERY



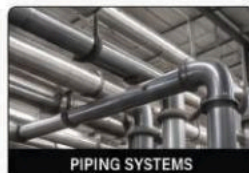
AUTOMOTIVE



CONSTRUCTION



ELECTRICAL INSTALLATIONS



PIPING SYSTEMS



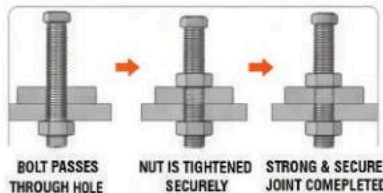
FURNITURE & FIXTURES



SOLAR STRUCTURES

HOW IT WORKS

Bolts and nuts work together to clamp components securely. The bolt is inserted through the hole, and the nut is tightened using a spanner or torque tool. This creates a strong and vibration resistant joint that holds the assembly firmly in place.



FEATURES & BENEFITS

- High tensile strength and load bearing capacity
- Precision threads for perfect fit
- Resistant to corrosion, rust & wear
- Available in multiple materials and finishes
- Wide range of sizes & types
- Reliable performance in all conditions
- Long lasting & cost effective

AVAILABLE TYPES

- Hex Bolt
- Hex Nut
- Thread Rods (Full & Half)
- Carriage Bolt
- Square Bolt
- Flange Bolt
- Eye Bolt
- U Bolt
- Studs
- Washers

MATERIALS & FINISHES

MATERIAL / FINISH	GRADE	STANDARD	FEATURES	APPLICATION
HT (HIGH TENSILE)	4.6 / 8.8 / 10.9 / 12.9	IS 1367 / ISO 898-1	High-strength, black, oxide finish, excellent for heavy duty use	Structural, machinery, automotive, construction
STAINLESS STEEL (SS)	SS 304 / SS 316	ISO 3506 / DIN 933	Corrosion & rust resistant, high molybdenum, excellent finish	Food industry, marine, chemical, seldom use
YELLOW POLISH	4.6 / 8.8	IS 1367	Yellow zinc plated, corrosion resistant, good appearance	Furniture, general engineering, automotive, electrical
GI (GALVANIZED IRON)	4.6 / 8.8	IS 1367	Zinc coated for rust protection, cost effective durable	Construction, piping, fencing, general applications

THREAD RODS



Available in Full & Half Thread
Lengths up to 3 Meter
Materials: HT / SS / GI
Sizes: M6 to M36
Applications: Suspended System, Anchoring, Supports, Industrial Structures





Modern

FASTENING SOLUTION

STRONG CONNECTIONS. STRONGER FUTURES.

12
PRODUCT
PAGE

TOOLS & ACCESSORIES

We offer a complete range of premium quality Tools & Accessories designed for professionals and industries. Our products are precision, durability and superior performance for all cutting, grinding, drilling, fastening and measurement needs.



**PREMIUM
QUALITY**



**HIGH DURABILITY
& LONG LIFE**



**PRECISION &
ACCURACY**



**RELIABLE
PERFORMANCE**



**WIDE RANGE FOR
ALL APPLICATIONS**



CUT-OFF WHEELS



- High cutting performance.
- Fast, clean & precise cutting
- Low vibration & burr free
- For metal, stainless steel & general metal
- Sizes: 4" (107mm) to 14" (325mm)
- Thickness: 1.0mm to 3.0mm

GRINDING WHEELS



- Smooth & consistent grinding
- High material removal rate
- Long life & better finishing
- For mild steel & metal
- Sizes: 4" (100mm) to 9" (230mm)
- Grit: 24 to 120

CUT-OFF MACHINE



- Powerful motor for tough cuts
- Adjustable base & Spork guard for safety
- For metal, pipes & sections
- Blade Size: 14" (325mm)
- Power: 2000W / 230V

GRINDING MACHINE



- High speed & powerful motor
- Ergonomic design for comfort
- For grinding & polishing
- Disc Size: 4" / 5" / 7"
- Power: 800W - 2000W

WELDING ROD MACHINE



- IGBT inverter technology
- Stable ore & low spotter
- Overload & Thermal protection
- Rod Size: 1.6mm - 4.0mm
- Current: 20A - 280A
- Voltage: 320V 15%

MEASUREMENT TAPES

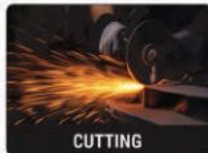


- Accurate measurement
- Strong lock & auto rewind
- Impact resistant ABS case
- Blade Width: 19mm / 19mm
- Length: 3m / 5m / 7.5m / 18m

APPLICATIONS

- Construction & Fabrication
- Metal Cutting & Grinding
- Plumbing & Pipe Fitting
- Mechanical Maintenance
- Electrical Installations
- Automotive & Repair Work
- Woodworking & Carpentry
- Industrial & General Purpose

USES



CUTTING



GRINDING



DRILLING



WELDING



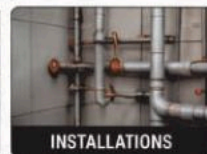
MEASURING



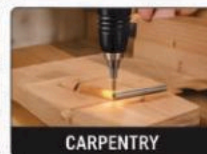
FABRICATION



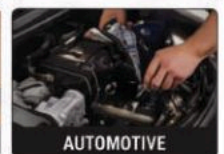
MAINTENANCE



INSTALLATIONS



CARPENTRY



AUTOMOTIVE

HOW IT WORKS

Our tools are engineered with advanced technology and high grade materials to deliver maximum efficiency. Cut-off wheels and grinding wheels and high quality abrasive grains for smooth operation. Machines are powered by high-performance motors. Machines are output. Drill bits and screwdriver bits are precision machined for accurate fit and long life.



FEATURES & BENEFITS

- High quality raw materials for long life
- Superior performance with precise results
- Safe, reliable & easy to use
- Wide range to suit every requirement
- High strength & wear resistance
- Time saving & cost effective
- Suitable for professional & industrial use
- Tested for quality & durability



SAFETY TIPS

- Wear Safety Goggles
- Use Safety Gloves
- Use Dust Mask
- Check Tool Before Use
- Keep Work Area Clean
- Follow Machine Guidelines

DRILL BITS & SCREWDRIVER BITS

HSS DRILL BITS



- High Speed Steel
- For metal, wood & plastic
- Sizes: 1mm to 15mm
- Long life & accurate drilling

SDS DRILL BITS



- SDS Plus shank
- For concrete, brick & masonry
- Sizes: 5mm to 25mm
- High impact & durable

MAGNETIC BITS (SDS)



- Strong magnetic grip
- Secure grip
- 1/4" Hex Shank
- Sizes: 50mm, 65mm, 75mm, 100mm
- For screws & fasteners

PH - PHILLIPS BITS



- Handened 52 Steel
- Precision fit
- Sizes: PHD, PH1, PH2, PH3
- 25mm / 50mm length

ALLEN / HEX BITS



- S2 Alloy Steel
- For hex socket screws
- Sizes: 2mm to 6mm
- 25mm / 50mm length

TORX BITS



- S2 Steel
- For torx screws
- Sizes: T10 to T40
- 25mm / 50mm length



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STRONGER FUTURES.**



PREMIUM
QUALITY
PRODUCTS



STRONG
CONNECTIONS
YOU CAN TRUST



WIDE RANGE
OF SOLUTIONS



BUILT FOR
STRENGTH.
BUILT FOR YOU.



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*Thank you for being
a part of our journey!*