

CANCO FASTENERS · SINCE 1967

International Catalogue

Anchors, fixings, screws, pipe supports and general fasteners — the complete Canco range, manufactured in New Delhi and exported to more than 30 countries.

36

PRODUCT FAMILIES

30+

COUNTRIES

1967

ESTABLISHED





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Every anchor, fixing and fastener Canco manufactures, with the full dimension and packing data for each.

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GENERAL FASTENERS

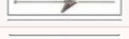
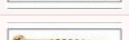
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PRODUCT GUIDE

Which fixing for **which** base material

Product	Cracked zon concrete	Un cracked concrete	Brick solid	Brick perfoated	Lightweight concrete	Aerated block	Sandstone	Granite	Hollow block	Hollow clay pot	Plasterboard	Plywood	Hollow door
HEAVY DUTY ANCHORS													
 Can Bolt	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Projection Bolt	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Eye & Hook Bolt	●	●	●	●	●	●	●	●	●	●	●	●	●
 Chemical Capsule	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Thru Bolt	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Safety Anchor	●	●	●	●	●	●	●	●	●	●	●	●	●
GENERAL FIXING ANCHORS													
 Can Sleeve Anchor	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Hammer Driver Anchor	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Drop-In Anchor	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Frame Fixing	●	●	●	●	●	●	●	●	●	●	●	●	●
CAN LIGHT FIXING ANCHORS													
 Can Brass Anchor	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Nail Plug	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Spring Toogle	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Plastic Plug	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Hit Pin Anchor	●	●	●	●	●	●	●	●	●	●	●	●	●
 Ceiling Anchor	●	●	●	●	●	●	●	●	●	●	●	●	●
 Ceiling Wire Hanger													
CAN SELF DRILLING ANCHORS													
 Self Drilling Screw	●	●	●	●	●	●	●	●	●	●	●	●	●
 Can Drill Screw													
 Dry Wall Screws													
 Chipboard Screws													
 Concrete Screw													
 Confirmative Screw													

● Suitable

● Suitable with care

● Non suitable

* Also available in stainless -steel

PRODUCT GUIDE

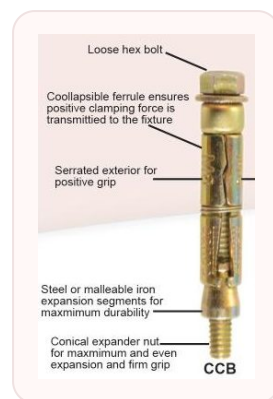
Pipe fittings, cladding & general fasteners — finishes

Product	Available finishes
PIPE FITINGS	
 DIN 3570 U Bolt	☒ HDG ☐ SS
 Can U Clamp	☒ HDG
 Can Sprinkler Hanger	☒ HDG
 Can Pipe Clamp with Rubber CPCR	☒ HDG
 Can Pipe Clamp CPC	☒ HDG
STONE CLADDING	
 Stone Cladding Clamp	☒ HDG
GENERAL FASTENER — BOLT	
 DIN 931, 933, 603 + 555	☒ HDG ☐ SS ☒ BRASS
 DIN 571, 912, 6921	☒ HDG ☐ SS ☒ BRASS
GENERAL FASTENER — NUT	
 DIN 934, 982	☒ HDG ☐ SS ☒ BRASS
 DIN 985, 1587, 986	☒ HDG ☐ SS ☒ BRASS
 DIN 6923, 315, 6334, 935	☒ HDG ☐ SS ☒ BRASS
GENERAL FASTENER — WASHER	
 DIN 125, 7349	☒ HDG ☐ SS ☒ BRASS
 DIN 126, 9021, 440	☒ HDG ☐ SS ☒ BRASS
 DIN 127	☒ HDG ☐ SS ☒ BRASS
THREADED ROD	
 DIN 975 / DIN 976	☒ HDG ☐ SS
 ASTM Stud Bolt	—
ACCS.	
 Industrial Safety Products	—

☒ **HDG** — hot dip galvanised
 ☐ **SS** — stainless steel
 ☒ **BRASS**

HEAVY DUTY ANCHORS · BRICK | CONCRETE | STONE

Can Bolt · Can Shell



CCB



CCS

ADVANTAGES

- Installing heavy equipment and machinery.
- Fixing balustrade, barriers, roller shutter doors, fire doors and switchgear.
- Securing structural fixtures.
- Optimum taper nut angle for maximum expansion in all substrates.
- Shield available separately.

APPLICATIONS

- For use in concrete and most types masonry.
- Ideal for overhead and ceiling work or heavy items.
- Securing cable trays. Ducting and trunking.
- Installing partitions and structural fixtures.
- For use in Roller shutter doors.
- For use in Fire doors.
- For use in Steelwork.

PRODUCT SPECIFICATION

BOLT SIZE	BOLT LENGTH / FIXTURE THICKNESS (MM)	HOLE DIA (MM)	MIN. HOLE DEPTH (MM)	PACKING
M6	55/10 · 70/25 · 85/40	12	50	50
M8	65/10 · 80/25 · 95/40	14	55	50
M10	75/10 · 90/25 · 115/50 · 140/75	16	65	50
M12	90/15 · 105/25 · 120/40 · 140/60	20	85	25
M16	135/15 · 150/30 · 180/60	25	125	10
M20	195/60 · 235/100	32	140	10
M24	255/100 · 300/150	38	160	5 / 2

* If the fixture thickness is less than the stated maximum, increase hole depth by the difference between actual and maximum thickness.



HEAVY DUTY ANCHORS · BRICK | CONCRETE | STONE

Can Projection **Anchor** — CPB

**ADVANTAGES**

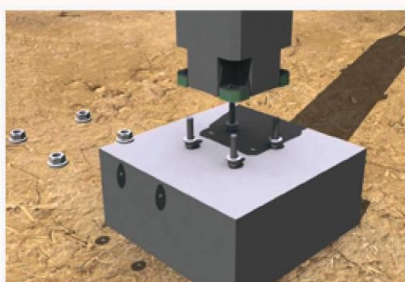
- Provides a projecting stud to support fixture during installation and removal.
- Ferrule marked with hole diameter for correct installation.
- Pressed steel segments ensure consistent dimensional accuracy.
- Optimum taper nut angle for maximum expansion in all substrates.

APPLICATIONS

- Roller shutter doors.
- Fire doors.
- Wall plates.
- Security grills.
- Signs.
- Fencing.

● **PRODUCT SPECIFICATION**

BOLT SIZE	BOLT LENGTH / FIXTURE THICKNESS (MM)	HOLE DIA (MM)	MIN. HOLE DEPTH (MM)	PACKING
M6	65/10 · 80/25 · 115/60	12	50	50
M8	75/10 · 90/25 · 125/60	14	55	50
M10	90/15 · 105/30 · 135/60	16	65	50
M12	110/15 · 125/30 · 170/75	20	85	25
M16	150/15 · 170/35 · 210/75	25	125	10
M20	170/15 · 185/30 · 255/100	32	140	10
M24	255/75 · 300/150	38	160	5 / 2



HEAVY DUTY ANCHORS · BRICK | CONCRETE | STONE

Can Eye · Can Hook Bolt



CEB · CHB

ADVANTAGES

- Suitable for permanent anchorage.
- Securing guy ropes, stays and cables.
- Supply complete with shield washer & hex nut.
- Optimum geometry taper angle for maximum expansion in all substrates.
- Hook and forged eye designed & manufactured for maximum performance.

APPLICATIONS

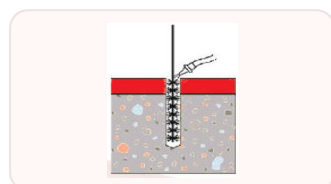
- Suitable for use as a secure anchor for hanging.
- Supporting non-safety related cables.
- Supporting lighting fixtures and equipment.
- Providing secure anchorage for chain barriers.
- Supporting ladder restints

PRODUCT SPECIFICATION

BOLT SIZE	BOLT LENGTH (MM)	FIXTURE THICKNESS (MM)	HOLE DIA (MM)	HOOK / EYE DIA (MM)	PACKING
M6	73 · 83	12	50	10 · 8	25
M8	87 · 98	14	55	12 · 10	25
M10	108 · 120	16	65	14 · 12	25
M12	130 · 145	20	85	17 · 16	25
M16	150 · 175	25	110	22 · 20	25

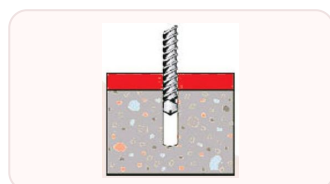
INSTALLATION INSTRUCTIONS

Step 1



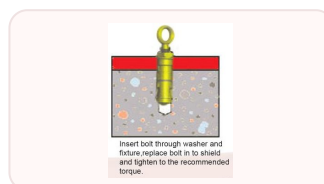
Drill hole to correct diameter and recommended depth.

Step 2



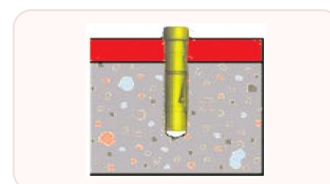
Remove debris and clean hole thoroughly.

Step 3



Remove bolt and washer, insert the shield in to the hole.

Step 4



Insert bolt through washer and fixture, replace bolt in to shield and tighten to the recommended torque.

HEAVY DUTY ANCHORS · BRICK | CONCRETE | STONE

Chemical Capsule & Studs



C-CAV



CSS

ADVANTAGES

- High performance.
- Quick and easy to install.
- Capsule contains exact amounts of ingredients making it a very consistent product (no waste).
- Adhesive strength is not affected by unpolluted water (curing time will be affected).

APPLICATIONS

- Heavy machinery.
- Structural steel.

● CHEMICAL CAPSULE — C-CAV

HOLE DIA (MM)	STUD SIZE	LC (MM)	PACKING
10	M8	85	10
12	M10	85	10
14	M12	95	10
18	M16	95	10
25	M20	180	6
28	M24	215	6
35	M30	270	2

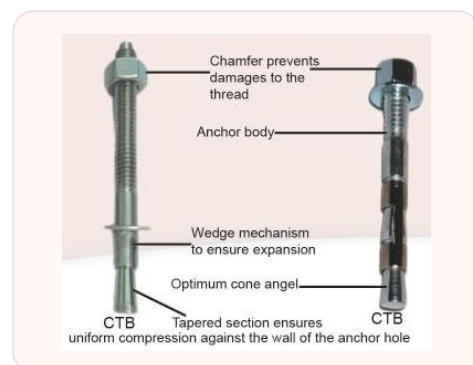
● CHEMICAL STUDS — C-STUDS HEXAGONAL HEAD STUDS · ZINC PLATED

STUD SIZE	PACKING	STUD SIZE	PACKING	STUD SIZE	PACKING
M8 × 110	10	M12 × 220	10	M16 × 380	1
M8 × 160	10	M12 × 260	10	M20 × 260	5
M10 × 130	10	M12 × 300	5	M20 × 300	1
M10 × 170	10	M16 × 190	10	M20 × 350	1
M10 × 190	10	M16 × 260	10	M20 × 300	1
M12 × 160	10	M16 × 300	5	M20 × 380	1
M12 × 190	10	—	—	—	—



HEAVY DUTY ANCHORS · BRICK | CONCRETE | STONE

Can Through Bolt — CTB



ADVANTAGES

- Easy installation into the base material through the fixture and series installation.
- Used when marking out, hole spotting is difficult.
- Ensures large time saving as a result of smaller drill hole.
- Can be used in tension zone.

APPLICATIONS

- Installing heavy machinery & other fixtures when it is difficult to mark out the hole.
- Fixing of protective railings.
- Fixing console, traverses and ducts.
- Fixing cable lines & safety equipments.
- Steel to concrete: Columns, racking, safety barriers, hand rails and stair ways.

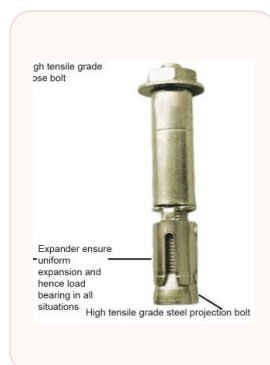
● PERFORMANCE SHEET OF SINGLE EXPANDER THROUGH BOLT

BOLT SIZE	BOLT LENGTH (MM)	FIXTURE THICKNESS (MM)	PACKING	OUTER
M6	40	2	100	2400
M6	55	15	100	2400
M6	85	45	100	1200
M8	50	3	100	1200
M8	75	20	100	1200
M8	95	40	100	1200
M8	115	60	100	1200
M10	60	3	50	600
M10	80	20	50	600
M10	100	40	50	600
M10	120	60	50	600
M12	70	5	50	600
M12	100	20	25	300
M12	130	50	25	300
M12	180	100	25	200
M16	100	20	25	200
M16	120	40	25	200
M16	180	100	10	80
M16	200	120	10	80
M20	160	45	10	80
M20	200	85	10	80
M20	250	135	10	50

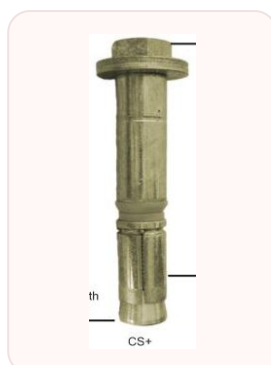


HEAVY DUTY ANCHORS · BRICK | CONCRETE | STONE

Can Safety Anchors — CS+



LOOSE BOLT TYPE



PROJECTION TYPE

ADVANTAGES

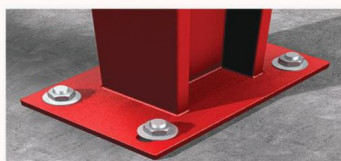
- Quick and series installations.
- Used where strict tolerances have specified.
- Maximum reliability:— (a) Even in cracked concrete zone. (b) Even at shallow embedment depth.
- Useful where aesthetics and safety both are required.
- Fixing through the fixture is possible.
- Fixing in the tensile zone of high strength & reinforced concrete.

APPLICATIONS

- Fixing of suspension stems for heavy pipe installations.
- Fixing channels, girders etc.
- Primary construction fixings.
- Production machinery fixing.
- Construction props.
- Lift guide rails.
- Building facades.

● PRODUCT SPECIFICATION

BOLT SIZE	BOLT LENGTH / FIXTURE THICKNESS (MM)	HOLE DIA (MM)	MIN. HOLE DEPTH (MM)	PACKING
M8	90/15 · 90/20 · 95/15 · 110/40	12	80	50
M10	105/20 · 105/25 · 110/20 · 120/40 · 140/60	15	90	50
M12	120/25 · 125/30 · 135/25 · 150/50 · 160/50	18	110	25
M16	145/25 · 145/30 · 160/25 · 170/50 · 185/50	24	125	10
M20	175/30 · 190/30	28	155	10



GENERAL FIXING ANCHOR · BRICK, CONCRETE, SOLID | HOLLOW BLOCK MASONRY | NATURAL STONE

Can Sleeve Anchor **CSA / CPSA / CESA / CHSA**



ADVANTAGES

- When hole marking spotting is difficult.
- Available in double sleeve and SS.
- Fully assembled.
- Unique sleeve design to provide pull down onto fixture.
- Carbon steel, zinc -plate.
- Through fixture installation.
- Wide range of anchor lengths.

APPLICATIONS

- Timber to concrete : Form work, battens and bottom plates.
- Services : Duct work, Pipes brackets, cable trays. Fully assembled.
- Suspended ceilings.
- Metal work : Signs, hand rails and gates.
- For fitting Stadium seating.
- Fixing Satellite dishes
- For fitting shutters.

PRODUCT SPECIFICATION

BOLT SIZE	BOLT LENGTH (MM)	FIXTURE THICKNESS (MM)	PACKING	OUTER
M6	40	2	100	1200
M6	65	25	100	1200
M6	85	45	100	1200
M8	40	3	100	1200
M8	50	3	100	1200
M8	60	10	50	600
M8	80	30	50	600
M8	100	50	50	600
M10	60	3	50	600
M10	75	15	50	600
M10	100	40	50	600
M10	130	70	25	30
M12	110	50	25	300
M12	150	90	20	160
M16	105	35	20	160
M16	110	40	10	80
M16	130	60	10	80
M16	150	80	10	80



GENERAL FIXING ANCHOR · BRICK, CONCRETE, SOLID | HOLLOW BLOCK MASONRY | NATURAL STONE

Can Hammer Driver Anchor — CZA



CZA



ADVANTAGES

- Deformation controlled anchor with less displacement (Load - displacement curve similar to adhesive type anchors).
- Easy installations.
- Through fixing and series installation.
- Yellow passivated or sheradised to ensure optimum protection against corrosion.
- Also available in stainless-steel.

APPLICATIONS

- Timber to concrete: Form work, battens and bottom plates.
- Services: Duct work, Pipes brackets, cable trays.
- Metal work: Signs, hand rails and gates.

● PRODUCT SPECIFICATION

REF.	ANCHOR SIZE	ANCHOR LENGTH (MM)	DRILL DIA (MM)	HOLDING POWER (MM)	PACKING
CZA	M6	40 · 50	6	0.50 · 0.75	200
CZA	M8	40 · 50 · 60 · 75 · 100	8	0.75 · 1.00 · 1.50 · 1.75 · 2.00	1000
CZA	M10	50 · 75 · 100 · 125	10	1.50 · 1.75 · 2.00 · 2.50	50
CZA	M12	60 · 75 · 100 · 150	12	2.50 · 2.75 · 3.00 · 3.50	50
CZA	M14	100 · 125 · 150	14	3.00 · 3.50 · 3.75	25
CZA	M16	75 · 100 · 125 · 150 · 175 · 200	16	3.50 · 3.70 · 4.00 · 4.50 · 4.75	20
CZA	M20	150 · 200	20	5.00 · 6.00	10
CZA	M22	160	22	7.00	10
CZA	M24	175 · 200	24	8.00 · 8.50	10

GENERAL FIXING ANCHOR · BRICK, CONCRETE, SOLID | HOLLOW BLOCK MASONRY | NATURAL STONE

Can Drop In Anchor — CTS



CTS



CTS

ADVANTAGES

- Available in Carbon steel & Stainless steel.
- Maximum expansion against the wall of the hole.
- Shell is forced outward in four directions compressing against the walls of the hole.
- Developed compression force is usually very high when compared to torque controlled anchors, hence low displacement.
- Larger bearing area.
- Fixes equipments that may require to be removed and replaced.
- Flush fitting - no protrusions when not in use.

APPLICATIONS

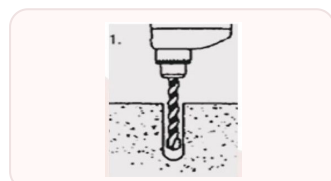
- For fixing light weight equipment to ceilings and walls using threaded rods.
- Attaching pipe works to ceilings and walls.
- Fixing wire-mesh for debris control.
- Racking.
- Suspended services in stadium seating.

PRODUCT SPECIFICATION & PERFORMANCE SHEET

ANCHOR SIZE	ANCHOR LENGTH (MM)	PACKING	OUTER
M6	30	100	1500
M8	30	100	1000
M10	40	100	500
M12	50	50	250
M16	65	50	100
M20	80	50	100

INSTALLATION INSTRUCTIONS

Step 1



Drill Hole (Same drill depth as anchor length.)

Step 2



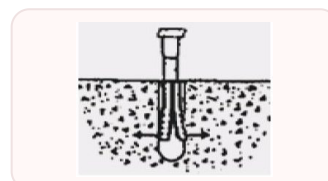
Insert anchor.

Step 3



Set anchor with setting tool.

Step 4



Drop-In Anchor is set and ready to accept any length bolt or threaded rod.

GENERAL FIXING ANCHOR · BRICK, CONCRETE, SOLID | HOLLOW BLOCK MASONRY | NATURAL STONE

Can Frame Fixing — CFF



CFF

ADVANTAGES

- Through fixing installations.
- Spacing installations
- Quick & easy fixing.
- Durable PA6 grade nylon for extended fixing life.
- Tough nylon sleeve prevents frame distroion during tighthtening.

APPLICATIONS

- For through fixing and spacing installations in interior construction work.
- Also in some external cladding work.
- For fixing timber or metal window and le fixing. door frames to concrete, stone, brick or block work.
- No marking out - drill straight through frame.

PRODUCT SPECIFICATION

DIMENSION	SCREW HEAD TYPE	HOLE DIA (MM)	MAX. FIXTURE THICKNESS (MM)	QUANTITY	PACKING
8 × 60	Countersunk Pozi 3	8	20	16 · 50	50
8 × 80	Countersunk Pozi 3	8	40	4 · 6 + drill · 16 · 50	50
8 × 100	Countersunk Pozi 3	8	60	16 · 50	50
8 × 120	Countersunk Pozi 3	8	80	16 · 50	50
10 × 80	Countersunk Pozi 4	10	30	12 · 50	25
10 × 100	Countersunk Pozi 4	10	50	4 · 6 + drill · 12 · 50	25
10 × 120	Countersunk Pozi 4	10	70	4 · 12 · 16 · 50	25
10 × 135	Countersunk Pozi 4	10	85	4 · 12 · 50	25
10 × 160	Countersunk Pozi 4	10	110	12 · 50	25



LIGHT FIXING ANCHOR · BRICK | CONCRETE | STONE

Can Brass Anchor · Can Nail Plug

**ADVANTAGES**

- Larger bearing area.
- Acts as a socket.
- Fixture can be removed and replaced.
- Suitable for solid brick, light concrete hollow core concrete panels and timber.
- Internal tapering to enable the anchor to expand and to self lock the suspension rod into position.
- The body is knurled for improved performance.

APPLICATIONS

- Can be used in scaffolding, painting, ventilating etc.

● CAN BRASS ANCHOR — CBA

THREAD	HOLE DIA (MM)	HOLE DEPTH (MM)	ANCHOR LENGTH (MM)	PACKING	OUTER
M5	7	22	20	100	2400
M6	8	24	22	100	2400
M8	10	32	32	100	2400
M10	12	34	32	100	2400
M12	15	40	38	50	1200
M16	20	48	45	50	1200

**ADVANTAGES**

- Fast fixing with minimal screw driver work.
- Available loose or pre assembled.
- Deforming crumple zone allows quick adjustment in uneven surfaces.
- Extended expansion zone gives extra grip.

APPLICATIONS

- Fixing stud bottoms to walls before cladding.
- Fixing long runs of shelf support.
- Fixing skirting boards to walls.

● CAN NAIL PLUG — CNP

PLUG DESCRIPTION	HOLE DIA (MM)	SCREW HEAD	PACKING	OUTER
8 × 100	8	Pozi 2	50	600
8 × 120	8	Pozi 2	50	600
8 × 140	8	Pozi 2	50	600

LIGHT FIXING ANCHOR · BRICK | CONCRETE | STONE

Can Spring Toggle · Can Plastic Plug

**ADVANTAGES**

- Spreads load over wide area for extra security.
- Most suitable for overhead fixings in plasterboard or lath and plaster.
- No special tools required.
- Machine screw for ease of tightening.
- Heavy gauge material for superior loads.

APPLICATIONS

- Installing overhead lights and other fixings.
- Securing timber to 'plasterboard walls.
- Installing cavity walls and ceiling of low structural strength.

● CAN SPRING TOGGLE

DESCRIPTION	HOLE DIA (MM)	MAX. FIXTURE THICKNESS (MM)	PRODUCT RADIUS (MM)	OPTIONS	QUANTITY	PACKING
M3 × 50	11	30	20	With screws	6 · 10 · 20 · 100	1000
M3	11	N/A	20	No screws	100	1000
M5 × 50	14	24	25	With screws	6 · 20	500
M5 × 80	14	54	25	With screws	6 · 10 · 20 · 100	500
M5	14	N/A	25	No screws	100	500
M6 × 80	18	48	—	With screws	50	500
M6	18	N/A	—	With screws	50	500

**ADVANTAGES**

- Cost effective fixings for lightweight applications in sound brick, blockwork or concrete.
- All purpose fixing for lightweight applications in brick, blockwork or concrete.
- Fixing central heating pipes, shelving, brackets, dado rails and other woodwork.
- Securing light wall units and kitchen fittings.

APPLICATIONS

- Shelving and cabinets.
- Suspended ceilings.
- Switch and cable trays.
- Boilers.
- Water heaters & radiators.

● CAN PLASTIC PLUG

PLUG DIA (MM)	PLUG LENGTH (MM)	SCREW SIZE (MM)	PACKING	OUTER
6	40	4.0 x 40	200	2400
6	40	4.0 x 50	200	2400
6	40	4.0 x 60	200	2400
8	50	4.5 x 50	100	1200
8	50	4.5 x 60	100	1200
8	50	4.5 x 70	100	1200
10	60	5.0 x 60	50	600
10	60	5.0 x 70	50	600
10	60	5.0 x 80	50	600
10	60	5.0 x 100	20	300

LIGHT FIXING ANCHOR · BRICK | CONCRETE | STONE

Can Hit Pin · Ceiling Anchor · Wire Hanger

**ADVANTAGES**

- Fast fixing with minimal screw driver work.
- Available loose or pre assembled.

APPLICATIONS

- Fixing stud bottoms to walls before cladding.
- Available loose or pre assembled.
- Fixing long runs of shelf support.
- Fixing skirting boards to walls.

● CAN HIT PIN — CHP

DESCRIPTION	HOLE DIA (MM)	LENGTH (MM)	PACKING	OUTER
5 × 20	5	12	100	3600
6 × 30	6	12	100	1800
6 × 40	6	12	100	1200
6 × 50	6	12	100	1200
6 × 65	6	12	100	1200

**ADVANTAGES**

- Mainly for fixing lightweight ceilings and suspended ceilings to solid building materials. Fire resistant

APPLICATIONS

- lightweight suspended ceilings

● CAN CEILING ANCHOR

PLUG DESCRIPTION	HOLE DIA (MM)	PC / BOX
6 × 40	6	100
6 × 65	6	100

**ADVANTAGES**

- Mainly for fixing lightweight ceilings and suspended ceilings to solid building materials. Fire resistant

APPLICATIONS

- Lightweight suspended ceilings

● CEILING WIRE HANGER

DESCRIPTION	HOLE DIA (MM)	PACKING	OUTER
6 × 63	6	100	2400

CAN SELF DRILL ANCHORS

Self Drilling Screws 12 mm & 3,5,6,8 mm

**ADVANTAGES**

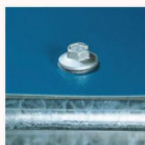
- surface hardened carbon steel - zinc electroplated 16f.
- Hexagonal flange head.
- Special head design with collar of ONP screw guarantee even installation and tightness of the connection.
- Available with or without EPDM washer

APPLICATIONS

- Fixing of sheet metal to steel structures on facades or flat roof construction.
- Fixings elements of steel construction.

● SELF DRILLING SCREWS — DRILLING CAPACITY 12 MM

SCREW SIZE DXL (MM)	MAX DRILLING THICKNESS (MM)	HEAD SIZE (MM)	T _{FIX} WITH WASHER (MM)	T _{FIX} WITHOUT WASHER (MM)
5.5 × 32	12.0	8.0	12.0	15.0
5.5 × 38	12.0	8.0	17.0	20.0
5.5 × 32	12.0	8.0	12.0	15.0
5.5 × 38	12.0	8.0	17.0	20.0

**ADVANTAGES**

- Fixing of sheet metal to steel structures on facades or flat roof construction
- Under head non threaded zone eliminates thread breakage in sheet metal hexagonal flange head.
- Special head design together with washer guarantee even installation and tightness of the connection.
- Available with or without EPDM washer.
- surface hardened carbon steel - zinc electroplated 16f WASHER



CAN SELF DRILL ANCHORS

Self Drilling Screws 3,5,6,8 mm

● SELF DRILLING SCREWS — DRILLING CAPACITY 3,5,6,8 MM

SCREW SIZE DXL (MM)	MAX DRILLING THICKNESS (MM)	HEAD SIZE (MM)	T _{FIX} WITH WASHER (MM)	T _{FIX} WITHOUT WASHER (MM)	BOX
4.8 × 16	3.0	8	4.0	7.0	250
4.8 × 18	3.0	8	7.0	10.0	250
4.8 × 22	3.0	8	10.0	13.0	250
4.8 × 25	3.0	8	13.0	16.0	250
4.8 × 32	3.0	8	20.0	23.0	250
4.8 × 35	3.0	8	23.0	26.0	250
4.8 × 38	3.0	8	26.0	29.0	250
4.8 × 45	3.0	8	33.0	39.0	100
4.8 × 55	3.0	8	42.0	45.0	100
5.5 × 22	5.0	8	9.0	12.0	200
5.5 × 25	5.0	8	12.0	15.0	200
5.5 × 32	5.0	8	19.0	22.0	100
5.5 × 38	5.0	8	25.0	28.0	100
5.5 × 45	5.0	8	31.0	34.0	100
5.5 × 55	5.0	8	35.0	38.0	100
5.5 × 75	8.0	8	55.0	58.0	100
5.5 × 90	8.0	8	70.0	73.0	100
5.5 × 12	8.0	8	100.0	103.0	100
6.3 × 19	6.0	10	6.0	9.0	100
6.3 × 22	6.0	10	9.0	12.0	100
6.3 × 25	6.0	10	12.0	15.0	100
6.3 × 32	6.0	10	19.0	22.0	100
6.3 × 38	6.0	10	25.0	28.0	100
6.3 × 45	6.0	10	31.0	34.0	100
6.3 × 55	6.0	10	35.0	38.0	100
6.3 × 75	6.0	10	55.0	58.0	100
6.3 × 90	6.0	10	70.0	73.0	100
6.3 × 12	6.0	10	100.0	103.0	100

CAN SELF DRILL ANCHORS

Can Drill Screw · Self Drilling 2.5 mm

**ADVANTAGES**

- No drill required.
- Can be used in double thickness plasterboard, aerated concrete, gypsum and chipboard.
- Sharp plug point ensures a careful pre drilling.

APPLICATIONS

- Securing small cabinets, mirrors or picture frames.
- Fixing wall and ceiling light fittings, securing hooks, brackets and other fittings.

● CAN DRILL SCREW

DESCRIPTION	FULL LENGTH (MM)	DIA. (MM)	PACKING
No.10-16 × 20 mm	20 mm	4.8	250
No.10-16 × 25 mm	25 mm	4.8	250
No.12-14 × 25 mm	25 mm	5.5	100
No.12-14 × 35 mm	35 mm	5.5	100
No.12-14 × 45 mm	45 mm	5.5	100
No.12-14 × 55 mm	55 mm	5.5	100
No.12-14 × 68 mm	68 mm	5.5	100
No.14-16 × 25 mm	25 mm	6.3	100
No.14-16 × 50 mm	50 mm	6.3	100

**ADVANTAGES**

- Made according to DIN 7504 K.
- Reduced drilling point guaranteeing quick and firm installation in wooden substrate.
- Available with EPDM washer
- surface hardened carbon steel - zinc electroplated

APPLICATIONS

- For fixing profiled sheet to wood.

● SELF DRILLING SCREWS — DRILLING CAPACITY 2.5 MM

SCREW SIZE DXL (MM)	MAX DRILLING THICKNESS (MM)	HEAD SIZE (MM)	T _{FIX} WITH WASHER (MM)	T _{FIX} WITHOUT WASHER (MM)	BOX
4.8 × 28	2.5	8	5.0	8.0	250
4.8 × 35	2.5	8	12.0	15.0	250
4.8 × 55	2.5	8	32.0	35.0	250
4.8 × 16	2.5	8	4.0	7.0	250
4.8 × 19	2.5	8	7.0	10.0	250

CAN SELF DRILL ANCHORS

Dry Wall Screws



ADVANTAGES

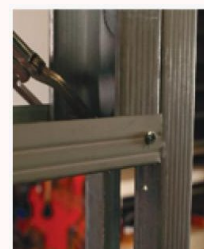
- Overlapping sheet connection.
- Made according to DIN 7504 K.
- Reduced drilling point guarantees optimum tightness of the fastening.
- Full thread eliminates overtightening of the screw, allows the screw to be used without a washer if waterproof connection is not needed.
- Available with or without EPDM washer
- surface hardened carbon steel - zinc electroplated
- Low-carbon steel - black phosphate coating to resist corrosion.

APPLICATIONS

- Mainly in drywall systems for fixing plasterboards to wooden framing.

● DRY WALL SCREWS

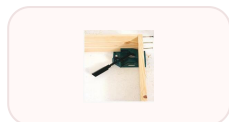
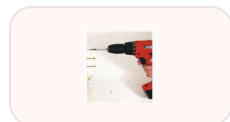
SCREW SIZE	SCREW HEAD	BOX	SCREW SIZE	SCREW HEAD	BOX
3.5 × 25	Philips 2	1000	3.5 × 60	Philips 2	250
3.5 × 32	Philips 2	1000	3.5 × 70	Philips 2	250
3.5 × 35	Philips 2	1000	3.5 × 75	Philips 2	250
3.5 × 38	Philips 2	1000	3.5 × 90	Philips 2	250
3.5 × 42	Philips 2	500	3.5 × 100	Philips 2	200
3.5 × 45	Philips 2	500	3.5 × 110	Philips 2	200
3.5 × 50	Philips 2	500	3.5 × 120	Philips 2	200
3.5 × 55	Philips 2	500	—	—	—





CAN SELF DRILL ANCHORS

Chipboard Screws



ADVANTAGES

- Low carbon steel, electro zinc plated min.6f protection against chemical present in treated pine.

APPLICATIONS

- For screwing into chipboard, timber, plastics with no pre-drilling

● SIZE (ALL DIMENSIONS IN MM, D X L)

SCREW SIZE	SCREW HEAD	DESCRIPTION	BOX	OUTER	SCREW SIZE	SCREW HEAD	DESCRIPTION	BOX	OUTER
2.5×10	Pozidrive1	Full Thread	200	9600	4.5×30	Pozidrive1	Full Thread	200	4800
2.5×12	Pozidrive1	Full Thread	200	9600	4.5×35	Pozidrive1	Full Thread	200	4800
2.5×16	Pozidrive1	Full Thread	200	9600	4.5×40	Pozidrive1	Full Thread	200	4800
3.0×12	Pozidrive1	Full Thread	200	9600	4.5×45	Pozidrive1	Full Thread	200	4800
3.0×16	Pozidrive1	Full Thread	200	9600	4.5×50	Pozidrive1	Full Thread	200	4800
3.0×18	Pozidrive1	Full Thread	200	9600	4.8×60	Pozidrive1	Full Thread	200	3600
3.0×20	Pozidrive1	Full Thread	200	9600	4.5×70	Pozidrive1	Full Thread	200	3600
3.0×25	Pozidrive1	Full Thread	200	9600	4.5×80	Pozidrive1	Full Thread	200	2400
3.0×30	Pozidrive1	Full Thread	200	4800	5.0×20	Pozidrive1	Full Thread	200	9600
3.0×35	Pozidrive1	Full Thread	200	9600	5.0×25	Pozidrive1	Full Thread	200	4800
3.0×40	Pozidrive1	Full Thread	200	9600	5.0×30	Pozidrive1	Full Thread	200	4800
3.5×12	Pozidrive1	Full Thread	200	9600	5.0×35	Pozidrive1	Full Thread	200	4800
3.5×16	Pozidrive1	Full Thread	200	9600	5.0×40	Pozidrive1	Full Thread	200	4800
3.5×18	Pozidrive1	Full Thread	200	9600	5.0×45	Pozidrive1	Full Thread	200	4800
3.5×20	Pozidrive1	Full Thread	200	9600	5.0×50	Pozidrive1	Full Thread	200	4800
3.5×25	Pozidrive1	Full Thread	200	9600	5.0×60	Pozidrive1	Full Thread	200	2400
3.5×30	Pozidrive1	Full Thread	200	9600	5.0×70	Pozidrive1	Full Thread	200	2400
3.5×35	Pozidrive1	Full Thread	200	4800	5.0×80	Pozidrive1	Full Thread	200	2400
3.5×40	Pozidrive1	Full Thread	200	4800	5.0×90	Pozidrive1	Full Thread	200	1200
3.5×45	Pozidrive1	Full Thread	200	4800	5.0×100	Pozidrive1	Full Thread	200	1200
4.0×16	Pozidrive1	Full Thread	200	9600	5.0×120	Pozidrive1	Full Thread	200	1200
4.0×18	Pozidrive1	Full Thread	200	9600	6.0×30	Pozidrive1	Full Thread	200	4800
4.0×20	Pozidrive1	Full Thread	200	9600	6.0×35	Pozidrive1	Full Thread	200	4800
4.0×25	Pozidrive1	Full Thread	200	9600	6.0×40	Pozidrive1	Full Thread	200	4800
4.0×30	Pozidrive1	Full Thread	200	4800	6.0×50	Pozidrive1	Full Thread	200	2400
4.0×35	Pozidrive1	Full Thread	200	4800	6.0×60	Pozidrive1	Full Thread	200	2400
4.0×40	Pozidrive1	Full Thread	200	4800	6.0×70	Pozidrive1	Full Thread	200	1200
4.0×45	Pozidrive1	Full Thread	200	4800	6.0×80	Pozidrive1	Full Thread	200	1200
4.0×50	Pozidrive1	Full Thread	200	4800	6.0×90	Pozidrive1	Full Thread	200	1200
4.0×55	Pozidrive1	Full Thread	200	4800	6.0×100	Pozidrive1	Full Thread	200	1200
4.0×60	Pozidrive1	Full Thread	200	4800	6.0×110	Pozidrive1	Full Thread	200	1200
4.0×70	Pozidrive1	Full Thread	200	9600	6.0×120	Pozidrive1	Full Thread	200	1200
4.0×80	Pozidrive1	Full Thread	200	2400	6.0×130	Pozidrive1	Full Thread	200	1200
4.5×16	Pozidrive1	Full Thread	200	9600	6.0×140	Pozidrive1	Full Thread	200	1200
4.5×20	Pozidrive1	Full Thread	200	9600	6.0×150	Pozidrive1	Full Thread	200	1200
4.5×25	Pozidrive1	Full Thread	200	9600	6.0×160	Pozidrive1	Full Thread	200	1200

CAN SELF DRILL ANCHORS

Concrete Screw • Confirmative Screw



ADVANTAGES

- Minimum screw anchorage depth: for dense building materials - 30 mm, for aerated concrete and timber 60 mm.
- Screw: Hardened steel, electro-zinc coated -10 11m.

APPLICATIONS

- Lightweight steel angles

● CONCRETE SCREW

DIMENSIONS	MIN. EMBEDMENT DEPTH K* (MM)	MIN. EMBEDMENT DEPTH K** (MM)	MAX. FIXTURE THICKNESS U** (MM)	MAX. FIXTURE THICKNESS U** (MM)	QUANT
7.5 × 42	30	60	10	—	10
7.5 × 52	30	60	20	—	10
7.5 × 62	30	60	30	—	10
7.5 × 72	30	60	40	10	10
7.5 × 82	30	60	50	20	10
7.5 × 92	30	60	60	30	10
7.5 × 100	30	60	—	—	10
7.5 × 112	30	60	80	50	10
7.5 × 120	30	60	—	—	10
7.5 × 132	30	60	100	70	10
7.5 × 152	30	60	150	120	10
7.5 × 182	30	60	150	120	10
7.5 × 202	30	60	170	140	10
7.5 × 212	30	60	180	150	10



ADVANTAGES

- A self-countersinking head eliminates the need to pre-countersink holes, saving time and tool costs.
- Pointed tip makes it easier to drive the Confirmat and compensates for slightly misaligned parts.
- Economical and easy installation makes Confirmative very cost effective.

APPLICATIONS

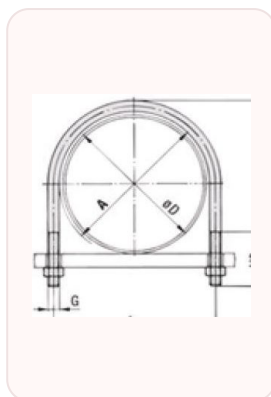
- Allows installation in visible spots through the use of a wide range of cover caps in a variety of colors.
- Tapered tip with cutting teeth threads the wood, insuring wood will not split.
- Complete range of supporting equipment tools available.

● CONFIRMATIVE SCREW — HEX DRIVE, POZI DRIVE

SIZE	N.W. (G/PCS)	PCS / CARTON
5*40	3.2	4000
5*50	3.9	3000
6.3*50	6.2	2500
7*40	5.9	2500
7*50	7.2	2000
7*70	10.5	1500
7*85	18.5	1000

PIPE FITTING (BOLT)

DIN 3570 U Bolt



● PRODUCT SPECIFICATION

DN	AD øD (MM)	MIN. WIDTH	A	L	H	H2	G
20	25 · 26,9	3/4	30	40	70	40	M10
25	30 · 33,7	1	38	48	76	40	M10
32	38 · 42,4	1¼	46	56	86	40	M10
40	44,5 · 48,3	1½	52	62	92	50	M10
50	57 · 60,3	2	64	76	109	50	M12
65	76,1	2½	82	94	125	50	M12
80	88,9	3	94	106	138	50	M12
100	108 · 114,3	4	120	136	171	60	M16
125	133 · 139,7	5	148	164	191	60	M16
150	159 · 168,3	6	176	192	217	60	M16
175	193,7	—	202	218	249	70	M20
200	216 · 219,1	8	228	248	283	70	M20
250	267 · 273	10	282	302	334	70	M20
300	318 · 323,9	12	332	352	385	70	M24
350	355,6 · 368	14	378	402	435	70	M24
400	406,4 · 419	16	428	452	487	70	M24
500	508 · 521	—	530	554	589	70	M24

PIPE FITTING

Can U Clamp · Can Sprinkler Hanger



● CAN U CLAMP

CLAMPING SIZE (MM)	NOMINAL PIPE SIZE (MM)	INCH	WIDTH X THICKNESS
16	10	3/8"	16
22	15	1/2"	22
25	17	5/8"	25
27	20	3/4"	27
34	25	1"	34
43	32	1 1/4"	43
49	40	1 1/2"	49
61	50	2"	61
77	65	2 1/2"	77
90	80	3"	90
115	100	4"	115
141	125	5"	141
166	140	6"	166
215	200	8"	215



● CAN SPRINKLER HANGER

NOMINAL PIPE SIZE (MM)	INCHES	ROD SIZE	WIDTH X THICKNESS
15	1/2"	8-10	25 × 1.5
20	3/4"	8-10	25 × 1.5
25	1"	8-10	25 × 1.5
32	1 1/4"	8-10	25 × 1.5
40	1 1/2"	8-10	25 × 1.5
50	2"	8-10	25 × 2.5
65	2 1/2"	10	25 × 2.5
80	3"	10	25 × 2.5
100	4"	12	25 × 2.5
125	5"	12	30 × 3.0
150	6"	16	30 × 3.0
200	8"	16	38 × 3.0



PIPE SUPPORT CLAMP

Can Pipe Clamp **CPCR / CPC**



CPCR — WITH RUBBER



CPC



● PRODUCT SPECIFICATION

ø (MM)	INCHES	WIDTH X THICKNESS	ø (MM)	INCHES	WIDTH X THICKNESS
15-19	3/8	20X1.8	99-105	3 1/2	20X2.4
20-25	1/2	20X1.8	107-112	—	20X2.4
26-30	3/4	20X1.8	113-118	4	20X2.5
32-36	1	20X2.0	125-130	—	20X2.5
38-45	1 1/4	20X2.0	131-137	—	20X2.5
47-51	1 1/2	20X2.0	138-142	5	20X2.5
53-58	—	20X2.0	148-152	—	20X2.5
60-64	2	20X2.2	159-160	6	20X2.5
68-72	—	20X2.2	168-172	—	20X2.5
74-80	2 1/2	20X2.2	200-205	—	20X2.5
81-86	—	20X2.2	215-220	—	20X2.5
87-92	3	20X2.4	—	—	—

STONE CLADDING CLAMP | MARBLE ANGLE

Stone Cladding Clamp · Marble Angle



● MARBLE ANGLE

THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)
2.5	20	20
2.5	20	25
2.5	20	30
2.5	25	30
2.5	25	40
2.5	25	50
2.5	25	60
2.5	25	70
2.5	25	100



● CAN PIN WITH RING

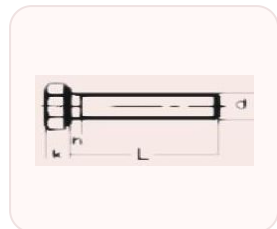
SIZE
4X40
4X50
4X50
4X60
6X60



GENERAL FASTENERS (BOLT)

DIN 931 Hexagonal Head Screw · DIN 933

Hexagon Wood Screw



● DIN 931 HEXAGONAL HEAD SCREW

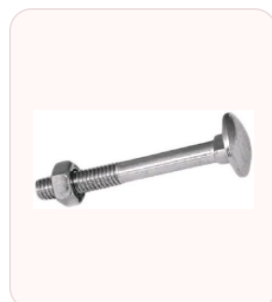
D ₁	K	S	B _L ≤125	B _L >125	B _L >200	E	D ₁	K	S	B _L ≤125	B _L >125	B _L >200	E
M3	2	5.5	12	-	-	6.01	M24	15	36	54	60	73	39.98
M4	2.8	7	14	-	-	7.66	M27	17	41	60	66	79	45.20
M5	3.5	8	16	-	-	8.79	M30	18.7	46	66	72	85	50.85
M6	4	10	18	24	-	11.05	M33	21	50	72	78	91	55.37
M7	4.8	11	20	26	-	12.12	M36	22.5	55	78	84	97	60.79
M8	5.3	13	22	28	-	14.38	M39	25	60	84	90	103	66.44
M10 ¹⁾	6.4	16(17)	26	32	45	18.90	M42	26	65	90	96	109	71.30
M12 ¹⁾	7.5	18(19)	30	36	49	21.10	M45	28	70	96	102	115	76.95
M14 ¹⁾	8.8	21(22)	34	40	53	24.49	M48	30	75	102	108	121	82.25
M16	10	24	38	44	57	26.75	M52	33	80	-	116	129	88.25
M18	11.5	27	42	48	61	30.14	M56	35	85	-	124	137	93.56
M20	12.5	30	46	52	65	33.53	M60	38	90	-	132	145	99.21
M22 ¹⁾	14	34(32)	50	56	69	35.72	M64	40	95	-	140	153	104.86

● DIN 933 HEXAGON WOOD SCREW

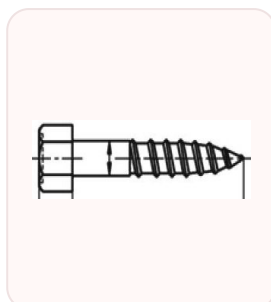
D ₁	K	S	E	H _{MAX}	D ₁	K	S	E	H _{MAX}
M1.6	1.1	3.2	3.48	-	M18	11.5	27	30.14	7.5
M2	1.4	4	4.32	1.7	M20	12.5	30	33.53	7.5
M2.5	1.7	5	5.45	-	M22 ¹⁾	14	34(32)	35.72	7.5
M3	2	5.5	6.01	1.5	M24	15	36	39.98	9
M3.5	2.4	6	6.58	-	M27	17	41	45.20	9
M4	2.8	7	7.66	2.1	M30	18.7	46	50.85	10.5
M5	3.5	8	8.79	2.4	M33	21	50	55.37	10.5
M6	4	10	11.05	3	M36	22.5	55	60.79	12
M7	4.8	11	14.38	3.75	M39	25	60	66.44	-
M8	5.3	13	18.90	4.5	M42	26	65	71.30	-
M10 ¹⁾	6.4	16(17)	18.90	4.5	M45	28	70	76.95	-
M12 ¹⁾	7.5	18(19)	21(22)	5.25	M48	30	75	82.60	-
M14 ¹⁾	8.8	21(22)	24.49	6	M52	33	80	88.25	-
M16	10	24	26.75	6	M64	40	95	104.86	-

GENERAL FASTENERS (BOLT)

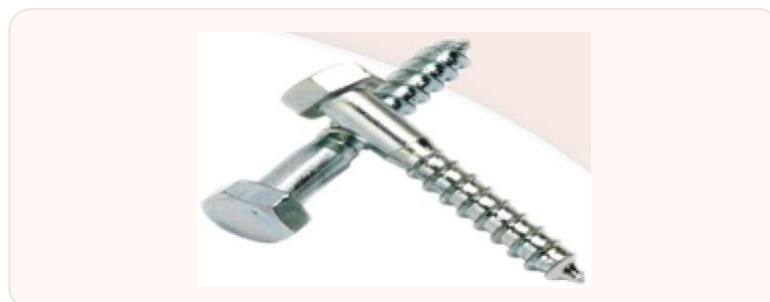
DIN 603 Mushroom Head Square Neck Bolt · DIN 571 Hexagon Head Wood Screw



DIN 603



DIN 571



● DIN 603 MUSHROOM HEAD SQUARE NECK BOLT

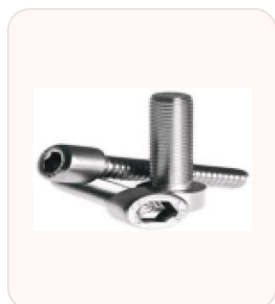
D ₁	B _{L>25-200}	B _{L>200}	D ₂ _{MAX}	K _{MAX}	F _{MAX}	V _{MAX}
M5	22		13.55	3.3	4.1	5.48
M6	24		16.55	3.88	4.6	6.48
M8	28	41	20.65	4.88	5.6	8.58
M10	32	45	24.65	5.38	6.6	10.58
M12	36	49	30.65	6.95	8.75	12.7
M16	44	57	38.8	8.95	12.9	16.7

● DIN 571 HEXAGON HEAD WOOD SCREW

THEAD SIZE	K	E	S	L
4	2.8	7.50	7	16-40
5	3.5	8.63	8	16-50
6	4	10.89	10	25-150
7	5	13.07	12	30-150
8	5.5	14.2	13	30-200
10	7	18.72	17	30-300
12	8	20.88	19	35-400
16	10	26.17	24	45-420

GENERAL FASTENERS (BOLT)

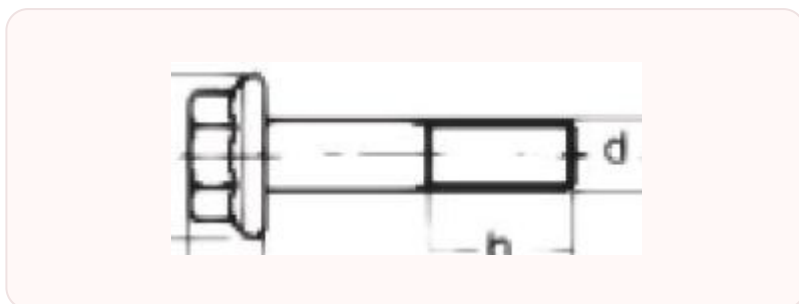
DIN 912 · DIN 6912 Socket Head Cap Screws



DIN 912



DIN 6912



● DIN 912 — SOCKET HEAD CAP SCREWS

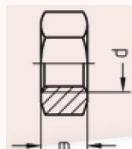
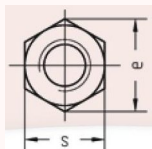
D ₁	D ₂	B	K	S	T _{MIN}	D< ¹⁾	D ₁	D ₂	B	K	S	T _{MIN}	D< ¹⁾
M1.4	2.6	-	1.4	1.25	-	12	M18 ²⁾	27	48	18	14	9	65
M1.6	3	15	1.6	1.5	0.7	16	M20	30	52	20	17	10	70
M1.8	3.4	-	1.8	1.5	1	16	M22	33	56	22	17	11	75
M2	3.8	16	2	1.5	1	20	M24	36	60	24	19	12	80
M2.5	4.5	17	2.5	2	1.1	25	M27 ²⁾	40	66	27	19	13.5	90
M3	5.5	18	3	2.5	1.3	20	M30	45	72	30	22	15.5	100
M4	7	20	4	3	2	25	M33	50	78	33	24	18	100
M5	8.5	22	5	4	2.5	25	M36	54	84	36	27	19	110
M6	10	24	6	5	3	30	M42 ²⁾	63	96	42	32	24	130
M8	13	28	8	6	4	35	M48	72	108	48	36	28	150
M10	16	32	10	8	5	40	M52	78	116	52	36	31	-
M12	18	36	12	10	6	50	M56	84	124	56	36	34	-
M14	21	40	14	12	7	55	M64	96	140	64	46	38	-
M16	24	44	16	14	8	60	—	—	—	—	—	—	—

● DIN 6912 — SOCKET HEAD CAP SCREWS

D ₁	D ₂	K	S	D _{L<125}	D _{L>125}	D _L ¹⁾
M6	14.2	6.6	10	18	-	20
M8	18	8.1	13	22	28	30
M10	22.3	11.5	16	30	36	40
M12	26.6	11.5	16	30	36	40
M14	30.5	14.4	18	34	40	45
M16	35	14.4	21	38	44	50
M20	43	17.1	27	46	52	60

GENERAL FASTENERS (NUT)

DIN 934 Hex Nut

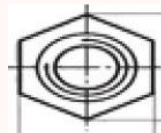
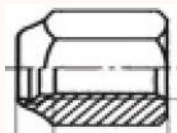


● DIN 934 HEX NUT

D ₁	S ¹⁾	M _{MAX1}	E _{MIN}	D ₁	S ¹⁾	M _{MAX1}	E _{MIN}	D ₁	S ¹⁾	M _{MAX1}	E _{MIN}
M1	2.5	0.8	2.71	M12	18(19)	10.8(10)	20.35(21.10)	M60	90	48	99.21
M1.2	3	1.2	3.28	M14	21(22)	12.8(11)	23.35(24.49)	M64	95	51	104.86
M1.4	3	1.3	3.48	M16	24	14.8 (13)	26.75	M68	100	54	110.81
M1.6	3.2	1.3	3.48	M18	27	15.8(15)	29.56	M72	105	58	116.16
M1.7	3.5	1.4	3.82	M20	30	18.0(16)	32.95	M76	110	61	121.81
M1.8	3.5	1.4	3.82	M22	34(32)	19.4(18)	37.29(35.03)	M80	115	64	127.46
M2	4	1.6	4.32	M24	36	21.5(19)	39.55	M85	120	68	133.11
M2.3	4.5	1.8	4.88	M27	41	23.8(22)	45.20	M90	130	72	144.08
M2.5	5	2	5.45	M30	46	25.6(24)	50.85	M95	135	76	150.74
M2.6	5	2	5.45	M33	50	28.7(26)	55.37	M100	145	80	161.02
M3	5.5	2.4	6.01	M36	55	33.4(31)	66.79	M105	150	84	167.69
M4	7	3.2	7.68	M39	60	33.4(31)	66.44	M110	155	88	172.32
M5	8	4.7(4)	8.79	M42	65	34	71.30	M120	170	96	190.29
M6	10	4.2(5)	11.05	M45	70	36	76.95	M125	180	100	200.57
M7	11	5.5	12.12	M48	75	38	82.60	M140	200	112	220.80
M8	13	6.8(6.5)	14.38	M52	80	42	88.25	—	—	—	—
M10	16(17)	8.4(8)	17.77(18.90)	M56	85	45	93.56	—	—	—	—

GENERAL FASTENERS (NUT)

DIN 982 Self Locking Nut · DIN 985 Nylon Insert Lock Nut



● DIN 982 SELF LOCKING NUT

D ₁	S	H	M	E _{MIN}
M5	8	6.3	4.4	8.79
M6	10	8	4.9	11.05
M7	11	8.5	6.14	12.12
M8	13	9.5	6.44	14.38
M10	17	11.5	8.04	18.90
M12	19	14	10.37	21.10
M14	22	16	12.1	24.49
M16	24	18	14.1	26.75
M18	27	20	15.1	29.56
M20	30	22	16.9	32.95
M22	32	25	18.1	35.03
M24	36	28	20.2	39.55

● DIN 985 NYLON INSERT LOCK NUT

D ₁	S	H _{MAX}	M	E _{MIN}	D ₁	S	H _{MAX}	M	E _{MIN}
M2	4.5	2.5	1.6	4.91	M22	32	22	18	35.03
M2.5	5	3.8	2	5.51	M24	36	55	19	39.55
M3	5.5	4	2.4	6.01	M27	41	27	22	45.20
M3.5	6	4.5	2.6	6.64	M30	46	30	24	50.85
M4	7	5	3.2	7.66	M33	50	33	26	55.37
M5	8	5	4	8.79	M36	55	36	29	60.79
M6	10	6	5	11.05	M39	60	39	31	66.44
M7	11	7.5	5.5	12.12	M42	65	42	34	71.30
M8	13	8	6.5	14.38	M45	70	45	36	76.95
M10	17	10	8	18.90	M48	75	48	38	82.60
M12	19	12	10	21.10	M52	80	52	42	88.25
M14	22	14	11	24.49	M56	85	56	45	-
M16	24	16	13	26.75	M60	90	16	48	-
M18	27	18.5	50	29.56	M64	95	64	41	-
M20	30	20	16	32.95	—	—	—	—	—

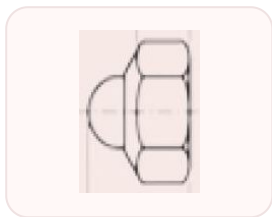
GENERAL FASTENERS (NUT)

DIN 1587 Hexagon Domed Cap Nut · DIN 986 Dome Nut



● DIN 1587 HEXAGON DOMED CAP NUT

D ₁	S	H	T	B	E _{MIN}
M3	5.5	6	3.8	2.8	6.01
M4	7	8	5.5	4.1	7.66
M5	8	10	7.5	5.4	8.79
M6	10	12	8	8	11.05
M8	13	15	11	8.5	14.38
M10 ¹⁾	16(17)	18	13	10	17.77(18.90)
M12 ¹⁾	18(19)	22	28	21	20.03(21.10)
M14 ¹⁾	21(22)	25	18	13	23.35(24.49)
M16	24	28	21	16	26.75
M18	27	32	25	18.7	29.56
M20	30	34	26	19.7	32.95
M22 ¹⁾	34(32)	39	29	22.7	37.29(35.03)
M24	36	42	31	23.5	39.55
M27	41	48	-	-	45.20
M30	45	55	-	-	50.85

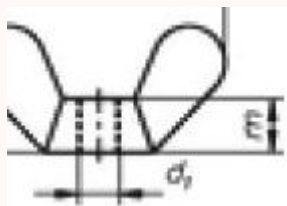


● DIN 986 DOME NUT

D ₁	S	H	M	E _{MIN}
M4	7	9.6	2.9	7.66
M5	8	10.65	4.4	8.79
M6	10	12	4.9	11.05
M8	13	14	6.44	14.38
M10 ¹⁾	16(17)	18.1	8.04	17.77(18.90)
M12 ¹⁾	18(19)	22.5	10.37	20.03(21.10)
M16	24	27.5	14.1	26.75
M20	30	35	16.9	32.95

GENERAL FASTENERS (NUT)

DIN 6923 Hexagon Flange Nut · DIN 315 Wing Nut



● DIN 6923 HEXAGON FLANGE NUT

D	D _{1MAC}	S	H _{MAX}	M _{MIN}
M5	11.8	8	5	-
M6	14.2	10	6	31
M8	17.9	13	8	4.5
M10	21.8	15	10	5.5
M12	26	18	12	6.7
M14	29.9	21	14	7.8
M16	34.5	24	16	9
M20	42.8	30	20	-
M24	45	36	30	-

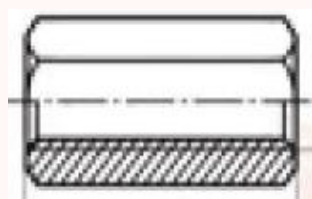


● DIN 315 WING NUT

D ₁	D _{2MAX}	M	H _{MAX}	G _{MAX}	E _{MIN}
M3	8	-	10	1.6	20
M4	8	4.6	10.5	1.9	20
M5	11	6.5	13	2.3	26
M6	13	8	17	2.3	33
M8	16	10	20	2.8	39
M10	20	12	25	4.4	51
M12	23	14	33.65	4.9	65
M14	-	17	37.5	-	73
M16	29	17	37.5	6.4	73
M20	35	21	46.5	6.9	90
M24	44	25	56.5	9.4	110

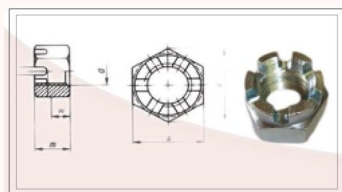
GENERAL FASTENERS (NUT)

DIN 6334 Rod Connector · DIN 935 Hex Castle Slotted Nut



● DIN 6334 ROD CONNECTOR

D ₁	S	M _{MAX}	E _{MIN}
M5	8	15	8.79
M6	10	18	11.05
M8	13	24	14.38
M10 ¹⁾	16(17)	30	17.77(18.90)
M12 ¹⁾	18(19)	36	20.03(21.49)
M14 ¹⁾	21(22)	42	23.35(24.49)
M16	24	48	26.75
M18	27	54	29.56
M20	30	60	32.95
M22 ¹⁾	34(32)	66	37.29(35.03)
M24	36	72	39.55
M30	46	90	50.85
M36	55	108	60.79
M42	65	126	71.30
M48	75	144	82.60

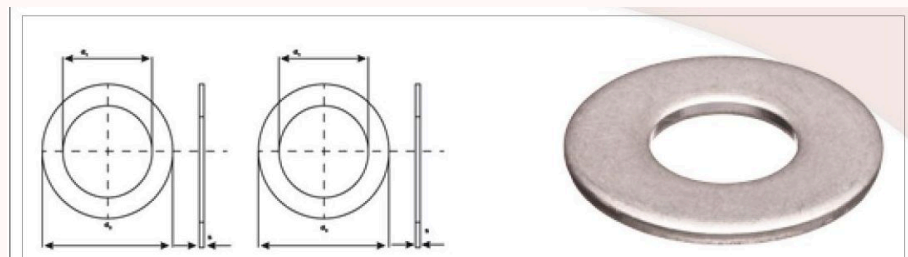


● DIN 935 HEX CASTLE SLOTTED NUT

D	S	E	M	W MAX
M5	8	8,79	6	4
M6	10	11,05	7,5	5
M8	13	14,38	9,5	6,5
M10	17	18,9	12	8
M12	19	21,1	15	10
M14	22	24,49	16	11
M16	24	26,75	19	13
M18	27	29,56	21	15

GENERAL FASTENERS (WASHER)

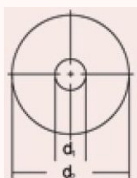
DIN 125 Flat Washer



● DIN 125 FLAT WASHER

D ₁	USED FOR	D ₂	S	D ₁	USED FOR	D ₂	S
1.1	M1	3	0.3	23	M22	39	3
1.3	M1.2	3.5	0.3	25	M24	44	4
1.5	M1.4	4	0.3	28	M27	50	4
1.7	M1.6	4	0.3	31	M30	56	4
1.8	M1.7	4.5	0.3	34	M33	60	5
2.2	M2	5	0.3	37	M39	72	6
2.7	M2.5	6	0.5	43	M42	45	7
2.8	M2.6	7	0.5	46	M45	85	7
3.2	M3	7	0.5	50	M48	92	8
3.7	M3.5	8	0.5	54	M52	98	8
4.3	M4	9	0.8	58	M56	105	9
5.3	M5	10	1	62	M60	110	9
6.4	M6	12	1.6	66	M64	115	9
7.4	M7	14	1.6	70	M68	120	9
8.4	M8	16	1.6	74	M72	125	10
10.5	M10	20	2	78	M76	135	10
13	M12	24	2.5	82	M80	140	12
15	M14	28	2.5	87	M85	145	12
17	M16	30	3	93	M90	160	12
19	M18	34	3	104	M100	175	14
21	M20	37	3	—	—	—	—

GENERAL FASTENERS (WASHER)

DIN 7349 Steel Plain Washer · **DIN 126 Flat Washer**

● DIN 7349 STEEL PLAIN WASHER

D ₁	USED FOR	D ₂	S
3.2	M3	9	1
4.3	M4	12	1.6
5.3	M5	15	2
6.4	M6	17	3
8.4	M8	21	4
10.5	M10	25	4
13	M12	30	6
15	M14	36	6
17	M16	40	6
19	M18	44	8
21	M20	50	8
23	M22	50	8
25	M24	50	10
28	M27	60	10
31	M30	68	10

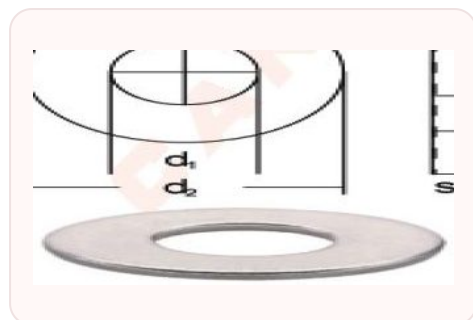


● DIN 126 FLAT WASHER

D ₁	USED FOR	D ₂	S	D ₁	USED FOR	D ₂	S
5.5	M5	10	1	36	M33	60	5
6.6	M6	12	1.6	39	M36	66	5
7.6	M7	14	1.6	42	M39	72	6
9	M8	16	1.6	45	M42	78	7
11	M10	20	2	48	M45	85	7
13.5	M12	24	2.5	52	M48	92	8
15.5	M14	28	2.5	56	M52	98	8
17.5	M16	30	3	62	M56	105	9
22	M20	37	3	66	M60	110	9
24	M22	39	3	70	M64	115	9
26	M24	44	4	78	M72	125	10
30	M27	50	4	86	M80	140	12
33	M30	56	4	96	M90	160	12

GENERAL FASTENERS (WASHER)

DIN 9021 Flat Washer · DIN 440 Flat Washer



● DIN 9021 FLAT WASHER

D ₁	USED FOR	D ₂	S
2.5	M2.3	8	0.8
2.7	M2.5	8	0.8
3.2	M3	9	0.8
3.7	M3.5	11	0.8
4.3	M4	12	1
5.3	M5	15	1.2
6.4	M6	18	1.6
7.4	M7	22	2
8.4	M8	24	2
10.5	M10	30	2.5
13	M12	37	3
15	M14	44	3
17	M16	50	3
20	M18	56	4
22	M20	60	4

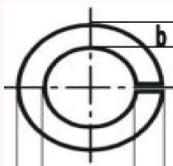


● DIN 440 FLAT WASHER

A	USED FOR	D ₂	S
5.5	M5	18	2
6.6	M6	22	2
9	M8	28	3
11	M10	34	3
13.5	M12	44	4
17.5	M16	56	5
22	M20	72	6
24	M22	80	6

GENERAL FASTENERS (WASHER)

DIN 127 Spring Lock Washer

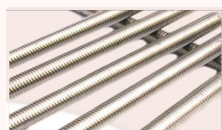


● DIN 127 SPRING LOCK WASHER

D ₁	USED FOR	D ₂	B	S	D ₁	USED FOR	D ₂	B	S
2.1	M2	4.4	0.9	0.5	27.5	M27	43	7	5
2.4	M2.3	4.9	1	0.6	30.5	M30	48.2	8	6
2.6	M2.5	5.1	1	0.6	33.5	M33	55.2	10	6
3.1	M3	6.2	1.3	0.8	36.5	M36	58.2	10	6
3.6	M3.5	6.7	1.3	0.8	39	M38	61.2	10	6
4.1	M4	7.6	1.5	.09	42.5	M42	68.2	12	7
5.1	M5	9.2	1.8	1.2	45.5	M45	71.2	12	7
6.1	M 6	11.8	2.5	1.6	49	M48	75	12	7
7.1	M7	12.8	2.5	1.6	53	M52	83	14	8
8.1	M8	14.8	3	2	57	M56	87	14	8
10.2	M10	21.1	3.5	2.2	61	M60	91	14	8
12.2	M12	21.1	4	2.5	65	M64	95	14	8
14.2	M14	24.1	4.5	3	69	M68	99	14	8
16.2	M16	24.1	5	3.5	73	M72	103	14	8
18.2	M18	29.4	5	3.5	81	M80	111	14	8
20.2	M20	33.6	6	4	91	M90	121	14	8
22.5	M22	33.9	6	4	101	M100	131	14	8
24.5	M24	40	7	5	—	—	—	—	—

GENERAL FASTENERS

DIN 975 / DIN 976 Threaded Rod · **ASTM A193/B7 Stud Bolt**



● DIN 975 · DIN 976 THREADED ROD

SIZE	LENGTH	SIZE	LENGTH
M3	1-2 -3 meter	M24	1-2 -3 meter
M4	1-2 -3 meter	M27	1-2 -3 meter
M5	1-2 -3 meter	M30	1-2 -3 meter
M6	1-2 -3 meter	M33	1-2 -3 meter
M8	1-2 -3 meter	M36	1-2 -3 meter
M10	1-2 -3 meter	M39	1-2 -3 meter
M12	1-2 -3 meter	M42	1-2 -3 meter
M14	1-2 -3 meter	M45	1-2 -3 meter
M16	1-2 -3 meter	M48	1-2 -3 meter
M18	1-2 -3 meter	M52	1-2 -3 meter
M20	1-2 -3 meter	M56	1-2 -3 meter
M22	1-2 -3 meter	M64	1-2 -3 meter



● ASTM A193/B7 & NUT A194/2H STUD BOLT

SIZE	LENGTH	SIZE	LENGTH
1/4"	1-2 -3 meter	1"	1-2 -3 meter
5/16"	1-2 -3 meter	1-1/8"	1-2 -3 meter
3/8"	1-2 -3 meter	1-1/4"	1-2 -3 meter
7/16"	1-2 -3 meter	1-1/2"	1-2 -3 meter
1/2"	1-2 -3 meter	1-3/8"	1-2 -3 meter
9/16"	1-2 -3 meter	2"	1-2 -3 meter
1/2"	1-2 -3 meter	2-1/4"	1-2 -3 meter
9/16"	1-2 -3 meter	2-1/2"	1-2 -3 meter
5/8"	1-2 -3 meter	3"	1-2 -3 meter
3/4"	1-2 -3 meter	3-1/2"	1-2 -3 meter
7/8"	1-2 -3 meter	—	—

ACCESSORIES

Industrial Safety Products

**GLOVES**

Size –S,M,L,XL · Quality – Terry, Vinyl, Nitriles, Kevlar, Neoprene

Grip – Heat Resistant, Cotton Canvas, Chrome Canvas, Leather, Black Rubber & Electrician Gloves



Natural White Grey Brown Tan Blue

**SHOES**

Size –S,M,L,XL Colour–Natural, White, Grey Brown, Tan

Quality – Steel Toe Rubber Boots in Black PVC & Steel Safety, Toe Disposable Latex Hazmat Boot Disposable, Polyethylene

Color Natural White Grey Brown Tan



Natural White Grey Brown Tan

**COVERALLS**

Size S,M, L, XL

Quality – Coverall with attached Hood & Boots, Antiskid attached boots, elastic waist, front zipper, clouser at chin

Color – Orange Lime Yellow Red Green Blue



Orange Lime Yellow Red Green Blue

**HEADGEAR**

Size S,M, L, XL

Quality – Coverall with attached Hood & Boots, Antiskid attached boots, elastic waist, front zipper, clouser at chin

Color – Orange Lime Yellow Red Green Blue



Orange Lime Yellow Red Green Blue

**KNEE PADS**

Size – Standard

Quality – Made of Moulded impact resistant rubber with adjustable straps which keeps the knees cushioned and dry against wet surfaces. Nubbed outside surface providing anti-slip benefit.

ACCESSORIES

Industrial Safety Products (cont.)

**EYE PROTECTION**

Size – Standard

Quality – Mono Goggle, large frame, anti fog over glass, perforate goggle with elasticstraps, side shield

**HARD HATS**

Size S,M, L, XL

Quality – Heavy duty construction head protection meets applicable requirements of ANSI 7891.1 - 1997 Type I

**JACKETS**

Size M-4XL-Size-S, M, L & XL

Quality – Water proof wind breaker Jacketputer shell made of 300 denier polyster with PU coating and polyester mesh lining available.



Orange Lime Yellow Red Green Blue

**SAFETY VEST**

Size S,M, L, XL

Quality – Surveyour safety vest, Fluorescent, 100% solid fabric, non conductive/
Non-caustic zipper and multi pocket.

Orange Lime Yellow



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info@cancofasteners.com

EXPORT SALES

+91-98110 63537

sales7@cancofasteners.com

DOMESTIC SALES

+91-99990 33330

sales8@cancofasteners.com

MANAGEMENT

+91-97170 05153

vasu@cancofasteners.com

OFFICE

B-6/2, DDA Commercial Complex

Safdarjung Enclave, New Delhi – 110029

FACTORY

A-63/2, G.T. Karnal Road Industrial Area

Azadpur, New Delhi – 110033