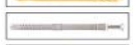
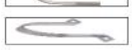
CANCO®
FASTENERS

Trusted Name in Quality Fixing Systems

CELEBRATING 50 YEARS

International Catalogue

PRODUCT GUIDE

			Page.	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		1	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN PROJECTION BOLT		2	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN EYE & HOOK BOLT		3	€	€	€	€	€	€	€	€	€	€	€	€	€
	CHEMICAL CAPSULE		4	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN THRU BOLT		5	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN SAFETY ANCHOR		6	€	€	€	€	€	€	€	€	€	€	€	€	€
GENERAL FIXING ANCHOS	CAN SLEEVE ANCHOR		7	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN HAMMER DRIVER ANCHOR		8	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN DROP-IN-ANCHOR		9	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN FRAME FIXING		10	€	€	€	€	€	€	€	€	€	€	€	€	€
CAN LIGHT FIXING ANCHOR	CAN BRASS ANCHOR		11	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN NAIL PLUG		11	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN SPRING TOOGLE		12	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN PLASTIC PLUG		12	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN HIT PIN ANCHOR		13	€	€	€	€	€	€	€	€	€	€	€	€	€
	CEILING ANCHOR		13	€	€	€	€	€	€	€	€	€	€	€	€	€
	CEILING WIRE HANGER		13													
CAN SELF DRILLING ANCHORS	SELF DRILLING SCREW		14	€	€	€	€	€	€	€	€	€	€	€	€	€
	CAN DRILL SCREW		15													
	DRY WALL SCREWS		16													
	CHIPBOARD SCREWS		17													
	CONCRETE SCREW		18													
	CONFIRMATIVE SCREW		18													
PIPE FITINGS	DIN3570 U BOLT		19	○	○											
	CAN U CIAMP		20	○												
	CAN SPRINKLER HANGER		20	○												
	CAN PIPE CLAMP WITH RUBBER CPCR		21	○												
	CAN PIPE CLAMP CPC		21	○												
	STONE CLADDING CLAMP		22	○												
GENERAL FASTENER	**BOLT**															
	DIN 931,933,603+555		23	○	○	●										
	DIN 571,912,6921		24	○	○	●										
	NUT															
	DIN 934,982,		25	○	○	●										
	DIN 985,1587,986		26	○	○	●										
	DIN 6923,315,6334,935		27	○	○	●										
	WASHER															
	DIN 125,7349		28	○	○	●										
	DIN 126,9021,440		29	○	○	●										
	DIN 127		30	○	○	●										
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ACCS.	INDUSTRIAL SAFETY PRODUCTS		32													

○ HDG ○ SS ● BRASS

* Also avaliable in stainless -steel

€ Non Suitable

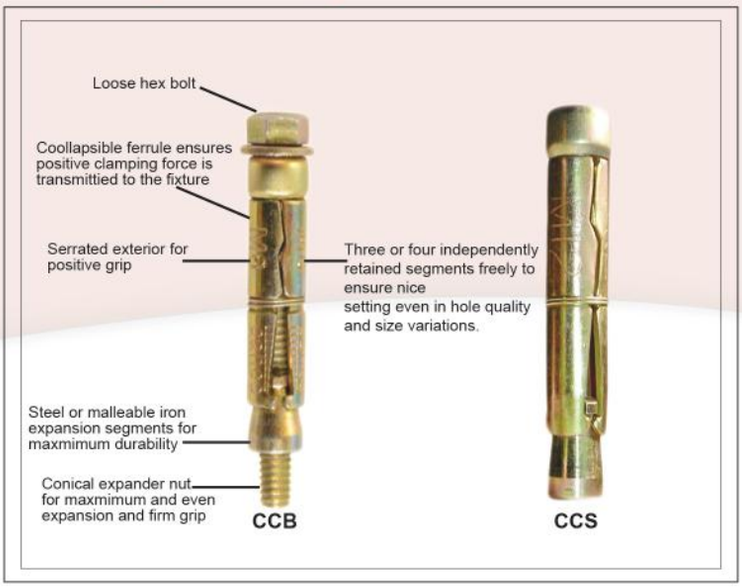
€ Suitable

€ Suitable with care

Heavy Duty Anchors

Brick | Concrete | Stone

CAN BOLT CAN SHELL



ADVANTAGES

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

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	Hole Diameter	Minimum Hole Depth	Packing
	[mm]	[mm]	[mm]	[mm]	pcs
M6	55	10	12	50	50
	70	25			
	85	40			
M8	65	10	14	55	50
	80	25			
	95	40			
M10	75	10	16	65	50
	90	25			
	115	50			
	140	75			
M12	90	15	20	85	25
	105	25			
	120	40			
	140	60			
M16	135	15	25	125	10
	150	30			
	180	60			
M20	195	60	32	140	10
	235	100			
M24	255	100	38	160	5
	300	150			2

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

CAN PROJECTION ANCHOR

ADVANTAGES

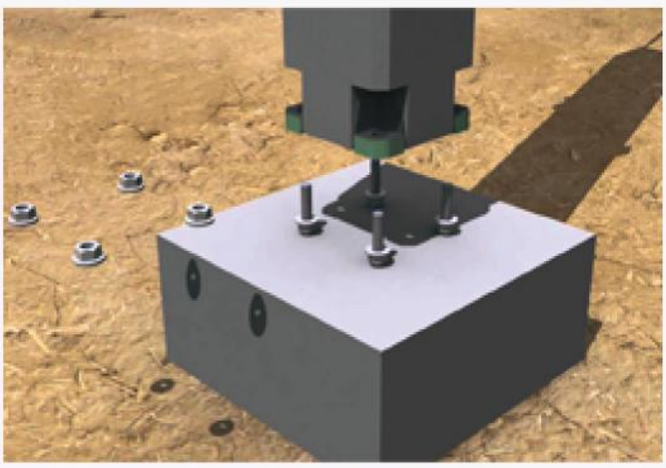
- Provides a projecting stud to support fixure during installation and removal.
- ferrule marked with hole diameter for correct installation.
- Pressed steel segments ensure consistent dimensional accuracy.
- Optimum taper nut angle for maximum expansion in all sub-strates.

APPLICATIONS

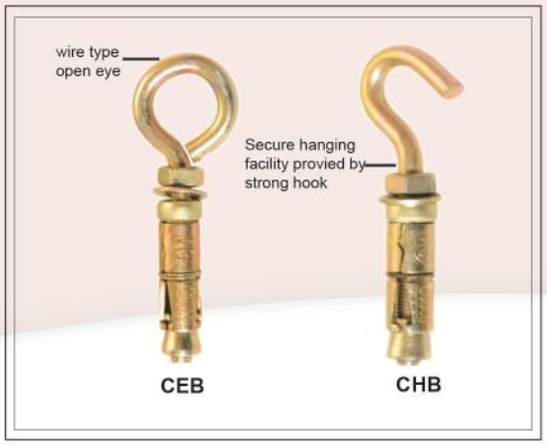
- Roller shutter doors.
- Fire doors.
- Wall plates.
- Security grills.
- Signs.
- Fencing.

PRODUCT SPECIFICATION

Bolt Size	Bolt Length	Fixture Thickness	Hole Diameter	Minimum Hole Depth	Packing
	[mm]	[mm]	[mm]	[mm]	pcs.
M6	65	10	12	50	50
	80	25			
	115	60			
M8	75	10	14	55	50
	90	25			
	125	60			
M10	90	15	16	65	50
	105	30			
	135	60			
M12	110	15	20	85	25
	125	30			
	170	75			
M16	150	15	25	125	10
	170	35			
	210	75			
M20	170	15	32	140	10
	185	30			
	255	100			
M24	255	75	38	160	5
	300	150			2



CAN EYE CAN HOOK BOLT



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 preformance.

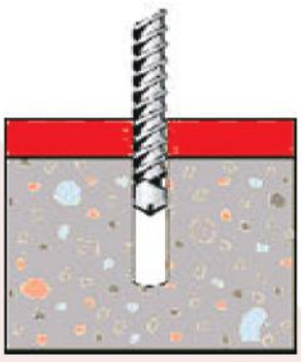
APPLICATIONS

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

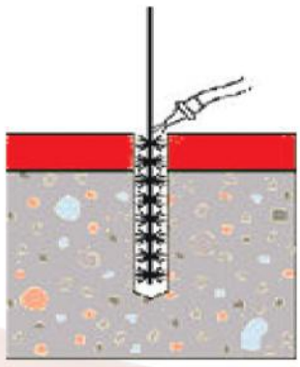
PRODUCT SPECIFICATION

Bolt Size	Bolt Length	Fixture Thickness	Hole Diameter	Hook/Eye diameter	Packing
	[mm]	[mm]	[mm]	[mm]	pcs.
M6	73	12	50	10	25
	83			8	
M8	87	14	55	12	
	98			10	
M10	108	16	65	14	
	120			12	
M12	130	20	85	17	
	145			16	
M16	150	25	110	22	
	175			20	

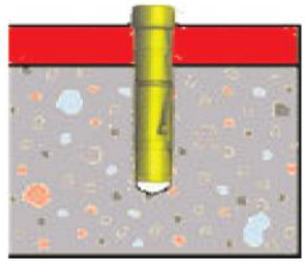
INSTALLATION INSTRUCTIONS



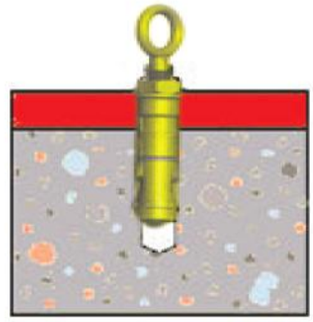
Drill hole to correct diameter and recommended depth.



Remore debris and clean hole thoroughly.



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



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

CHEMICAL CAPSULE

C-CAV

ADVANTAGES

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

APPLICATIONS

- Heavy machinery.
- Stuructral steel.

PRODUCT SPECIFICATION

Hole Diameter	Minimum Hole Depth	L_c	Packing
[mm]	[mm]	[mm]	pcs
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

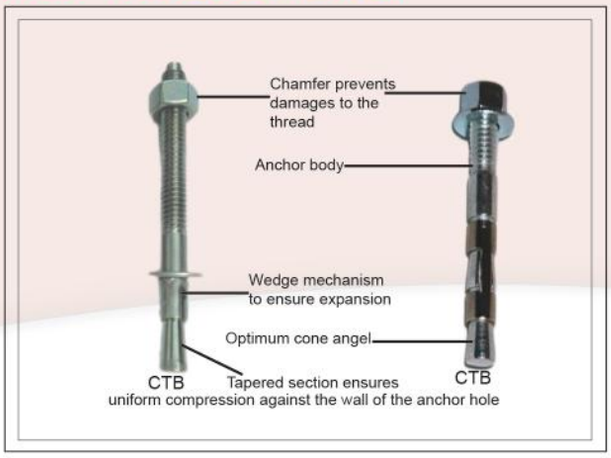
CHEMICAL STUDS

CSS

C-STUDS HEXAGONAL HEAD STUDS - ZINC PLATED

Bolt Size	Packing
M8x110	10
M8x160	10
M10x130	10
M10x170	10
M10x190	10
M12x160	10
M12x190	10
M12x220	10
M12x260	10
M12x300	5
M16x190	10
M16x260	10
M16x300	5
M16x380	1
M20x260	5
M20x300	1
M20x350	1
M20x300	1
M20x380	1

CAN THROUGH BOLT



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.

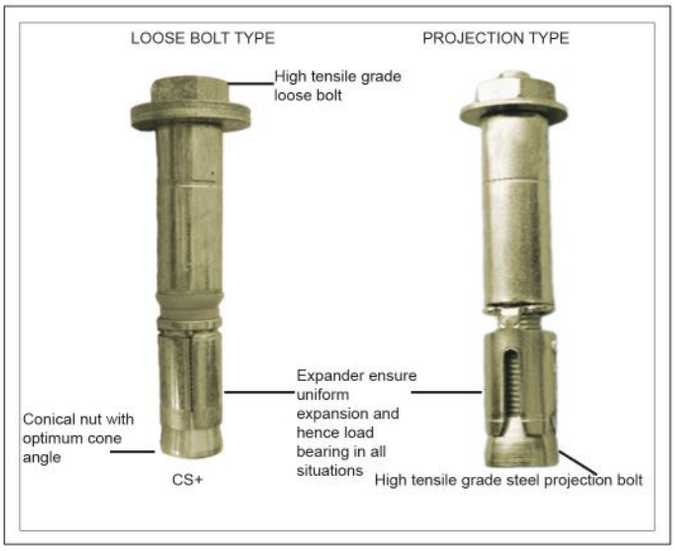
APPLICATIONS

- 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	Fixture Thickness	Packing	Packing
	[mm]	[mm]	pcs.	pcs.
M6	40	2	100	2400
	55	15	100	2400
	85	45	100	1200
M8	50	3	100	1200
	75	20	100	1200
	95	40	100	1200
	115	60	100	1200
M10	60	3	50	600
	80	20	50	600
	100	40	50	600
	120	60	50	600
M12	70	5	50	600
	100	20	25	300
	130	50	25	300
	180	100	25	200
M16	100	20	25	200
	120	40	25	200
	180	100	10	80
	200	120	10	80
M20	160	45	10	80
	200	85	10	80
	250	135	10	50

CAN SAFETY ANCHORS



ADVANTAGES

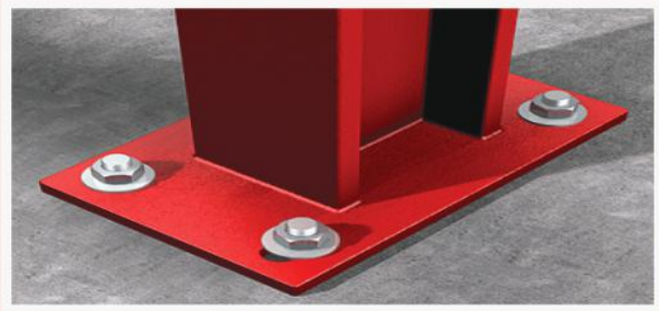
- Quick and series installations.
- Used where strict toleraces have specified.
- **Maximum reliability:-**
  (a) Even in cracked concrete zone.
  (b) Even at shallow embedment depth.
- Useful where aesthetics and safety both are required.
- Fixing through the fixture is possible.
- Fixing in the tensile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

APPLICATIONS

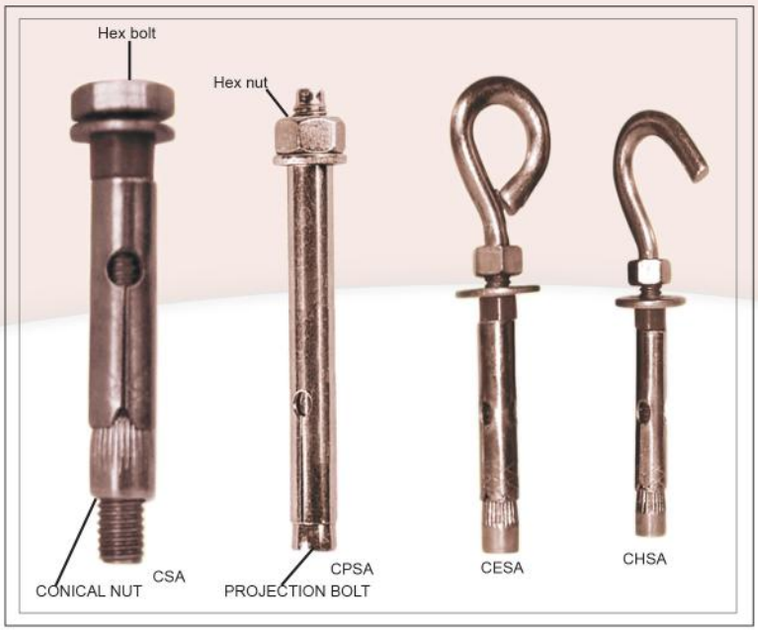
- Fixing of suspension stems for heavy pipe installations.
- Fixing channels, girders etc.
- Primary construction fixings.
- Production machinery fixing.
- Construction props.
- Lift guide rails.
- Building facades.

SPECIFICATION AND PERFORMANCE SHEET

Bolt Size	Bolt Length	Fixture Thickness	Hole Diameter	Minimum Hole Depth	Packing
	[mm]	[mm]	[mm]	[mm]	pcs.
M8	90	15	12	80	50
	90	20			
	95	15			
	110	40			
M10	105	20	15	90	50
	105	25			
	110	20			
	120	40			
	140	60			
M12	120	25	18	110	25
	125	30			
	135	25			
	150	50			
	160	50			
M16	145	25	24	125	10
	145	30			
	160	25			
	170	50			
	185	50			
M20	175	30	28	155	10
	190	30			



CAN SLEEVE ANCHOR



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 rage of anchor lengths.

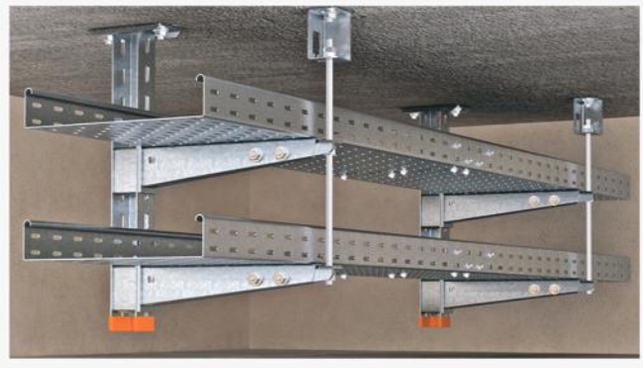
APPLICATIONS

- limber 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	Fixture Thickness	Packing	Packing
	[mm]	[mm]	pcs.	pcs.
M6	40	2	100	1200
	65	25	100	1200
	85	45	100	1200
M8	40	3	100	1200
	50	3	100	1200
	60	10	50	600
	80	30	50	600
	100	50	50	600
M10	60	3	50	600
	75	15	50	600
	100	40	50	600
	130	70	25	30
M12	110	50	25	300
	150	90	20	160
M16	105	35	20	160
	110	40	10	80
	130	60	10	80
	150	80	10	80

✳ If the edge distance and spacings are less than the standard valuse the standard values,reduce the loads by factors given in section B.



CAN HAMMER DRIVER ANCHOR

ADVANTAGES

- Deformation controlled anchor with less displacement (Load - dis placement 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 (mm)	Anchor length (mm)	Drill dia (mm)	Holding Power (mm)	Packing
CZA	M6	40 50	6 6	0.50 0.75	200
CZA	M8	40 50 60 75 100	8 8 8 8 8	0.75 1.00 1.50 1.75 2.00	1000
CZA	M10	50 75 100 125	10 10 10 10	1.50 1.75 2.00 2.50	50
CZA	M12	60 75 100 150	12 12 12 12	2.50 2.75 3.00 3.50	50
CZA	M14	100 125 150	14 14 14	3.00 3.50 3.75	25
CZA	M16	75 100 125 150 175 200	16 16 16 16 16 16	3.50 3.70 4.00 4.50 4.75	20
CZA	M20	150 200	20 20	5.00 6.00	10
CZA	M22	160	22	7.00	10
CZA	M24	175 200	24 24	8.00 8.50	10

CAN DROP IN ANCHOR

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.

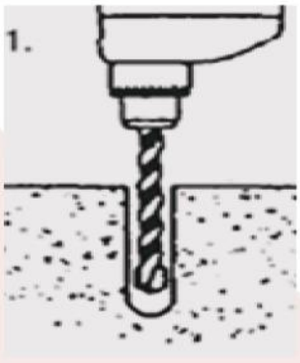
APPLICATIONS

- 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.

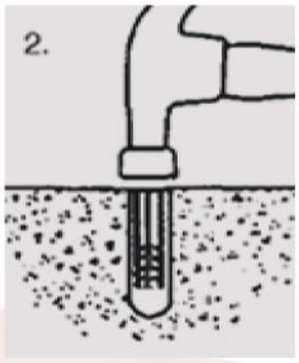
PRODUCT SPECIFICATION & PERFORMANCE SHEET

Bolt Size	Bolt Length	Packing	Packing
	[mm]	pcs.	pcs.
M6	30	100	1500
M8	30	100	1000
M10	40	100	500
M12	50	50	250
M16	65	50	100
M20	80	50	100

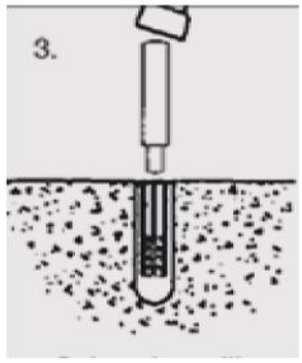
INSTALLATION INSTRUCTIONS



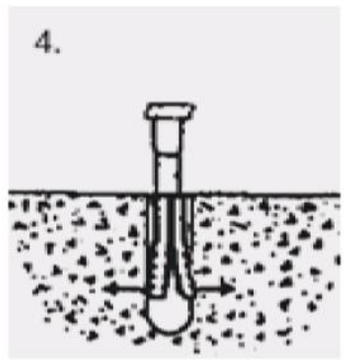
Drill Hole (Same drill depth as anchor length.)



Insert anchor.

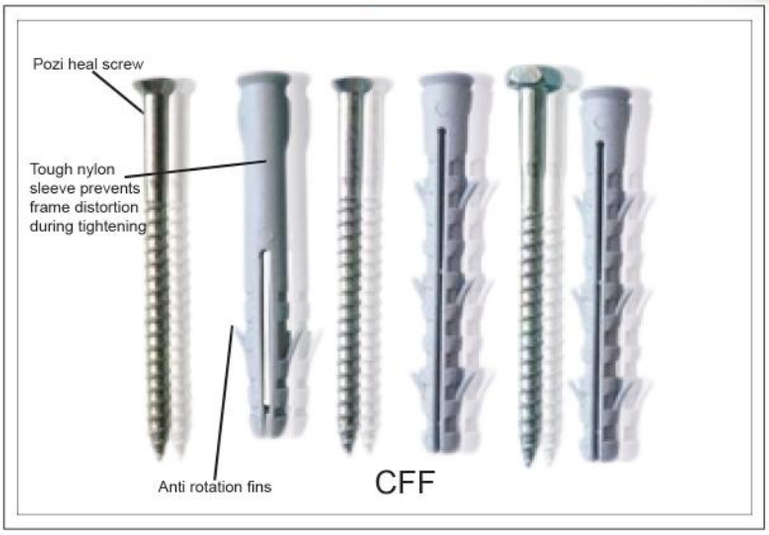


Set anchor with setting tool.



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

CAN FRAME FIXING



ADVANTAGES

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

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 & PERFORMANCE SHEET

Dimension	Screw head Type [mm]	Hole Diameter [mm]	Max Fixture Thickness [mm]	Quantity	Packing
8 x 60	Countersunk Pozi 3	8	20	16 50	50
8 x 80	Countersunk Pozi 3	8	40	4 6+drill 16 50	50
8 x 100	Countersunk Pozi 3	8	60	16 50	50
8 x 120	Countersunk Pozi 3	8	80	16 50	50
10 x 80	Countersunk Pozi 4	10	30	12 50	25
10 x 100	Countersunk Pozi 4	10	50	4 6+ drill 12 50	25
10 x 120	Countersunk Pozi 4	10	70	4 12 16 50	25
10 x 135	Countersunk Pozi 4	10	85	4 12 50	25
10 x 160	Countersunk Pozi 4	10	110	12 50	25

CAN BRASS ANCHOR

ADVANTAGES

- Larger beating 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.

Thread Size [mm]	Hole Diameter [mm]	Hole Depth [mm]	Anchor Length [mm]	Quantity	
				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

CAN NAIL PLUG

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.

Plug Description	Hole Diameter	Screwhead Type	Quantity	
			Packing	Outer
8 x 100	8	POZI2	50	600
8 x 120	8	POZI2	50	600
8 x 140	8	POZI2	50	600

CAN SPRING TOGGLE

ADVANTAGES

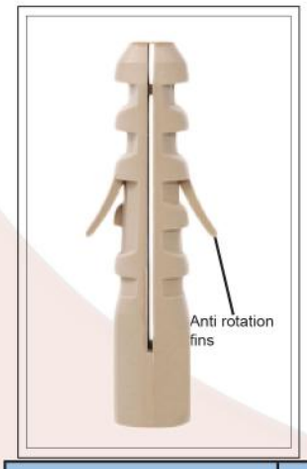
- Spreads load oyer wide area for extra security.
- Most suitable for overhead fixings in plasterboard or lath and plaster.
- No special tools required.
- Machine screw for ease of tightening .
- Heavy guage material for superior loads.

APPLICATIONS

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

Description	Hole Diameter [mm]	Max Fixture Thickness [mm]	Product Radius [mm]	Options	Quantity	Packing
M3 x 50	11	30	20	With screws	6	1000
M3 x 50	11	30		With screws	10	
M3 x 50	11	30		With screws	20	
M3 x 50	11	30		With screws	100	
M3	11	N/A		No screws	100	
M5 x 50	14	24	25	With screws	6	500
M5 x 50	14	24		With screws	20	
M5 x 80	14	54	25	With screws	6	500
M5 x 80	14	54		With screws	10	
M5 x 80	14	54		With screws	20	
M5 x 80	14	54		With screws	100	
M5	14	N/A		No screws	100	
M6 x 80	18	48		With screws	50	500
M6	18	N/A		With screws	50	

CAN PLASTIC PLUG



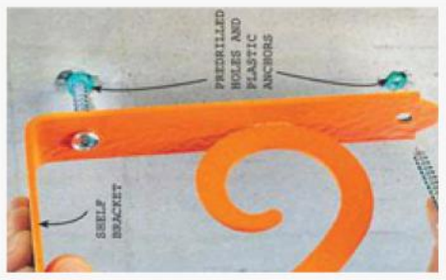
ADVANTAGES

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.



Hole Diameter [mm]	Plug Length [mm]	Screw Dimensions [mm]	Packing Quantity [mm]	Outer Quantity
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

CAN HIT PIN CHP

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.

Plug Description	Hole Diameter [mm]	Flange Diamerter [mm]	Quantity	
			Packing	Outer
5 x 20	5	12	100	3600
6 x 30	6	12	100	1800
6 x 40	6	12	100	1200
6 x 50	6	12	100	1200
6 x 65	6	12	100	1200

CAN CEILING ANCHOR

ADVANTAGES

- Mainly for fixing lightweight ceilings and sup-spended ceilings to soild building materials.Fire resistant

APPLICATIONS

- Lightweight suspended ceilings

Plug Description	Hole Diameter (mm) (d_0)	Pc/ Box
6x40	6	100
6x65	6	100

CEILING WIRE HANGER

ADVANTAGES

- Mainly for fixing lightweight ceilings and sup-spended ceilings to soild building materials.Fire resistant

APPLICATIONS

- Lightweight suspended ceilings

Dimension	Hole Diameter (mm) (d_0)	Quantity Pack	outer
6x63	6	100	2400

SELF DRILLING SCREWS (DRILLING CAPACITY 12MM)

ADVANTAGES

SCREW:-

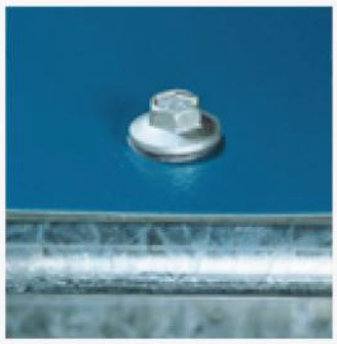
- surface hardened carbon steel- zinc electroplated 16f.
- Hexagonal flange head.
- Special head design with collar of ONP screw guarantee even installation and tightness of the connection.
- Available with or without EPDM washer

APPLICATIONS

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

Screw size DxL(mm)	Max Drilling Thickness (mm)	Head Size (mm)	Max Fixture Thickness t_{fix} (mm)	
			Screw With Washer	Screw Without Washer
5.5x32	12.0	8.0	12.0	15.0
5.5x38			17.0	20.0
5.5x32			12.0	15.0
5.5x38			17.0	20.0

SELF DRILLING SCREWS (DRILLING CAPACITY 3,5,6,8MM)



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.

APPLICATIONS

SCREW:-

- surface hardened carbon steel- zinc electroplated 16f WASHER FOR SCREWS 4.8.

Screw Size DxL [mm]	Max Drilling Thickness		Max Fixture Thickness		Packing
			Screw with washer	Screw with out washer	
	[mm]	[mm]	$t_{fix\ [mm]}$		
4.8x16	3.0	8	4.0	7.0	250
4.8x18			7.0	10.0	250
4.8x22			10.0	13.0	250
4.8x25			13.0	16.0	250
4.8x32			20.0	23.0	250
4.8x35			23.0	26.0	250
4.8x38			26.0	29.0	250
4.8x45			33.0	39.0	100
4.8x55			42.0	45.0	100
5.5x22	5.0	8	9.0	12.0	200
5.5x25			12.0	15.0	200
5.5x32			19.0	22.0	100
5.5x38			25.0	28.0	100
5.5x45			31.0	34.0	100
5.5x55			35.0	38.0	100

5.5x75	8.0	8	55.0	58.0	100
5.5x90			70.0	730	100
5.5x12			100.0	103.0	100
6.3x19	6.0	10	6.0	9.0	100
6.3x22			9.0	12.0	100
6.3x25			12.0	15.0	100
6.3x32			19.0	22.0	100
6.3x38			25.0	28.0	100
6.3x45			31.0	34.0	100
6.3x55			35.0	38.0	100
6.3x75			55.0	58.0	100
6.3x90			70.0	73.0	100
6.3x12			100.0	103.0	100

CAN DRILL SCREW

ADVANTAGES

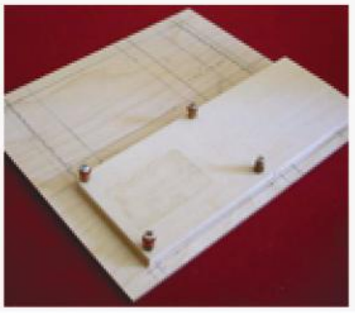
- No drill required.
- Can be used in double thickness plasterboard, aerated concrete, gypsum and chipboard.
- Sharp plug point ensures a careful pre drilling.

APPLICATIONS

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

Description	Full Length [mm]	Dia.[mm]	Packing
No.10-16x20mm	20mm	4.8	250
No.10-16x25mm	25mm	4.8	250
No.12-14x25mm	25mm	5.5	100
No.12-14x35mm	35mm	5.5	100
No.12-14x45mm	45mm	5.5	100
No.12-14x55mm	55mm	5.5	100
No.12-14x68mm	68mm	5.5	100
No.14-16x25mm	25mm	6.3	100
No.14-16x50mm	50mm	6.3	100

SELF DRILLING SCREWS (DRILLING CAPACITY 2.5MM)



ADVANTAGES

- Made according to DIN 7504 K,
- Reduced drilling point guaranteeing quick and firm installation in wooden substrate,
- Available with EPDM washer
- For fixing profiled sheet to wood.

APPLICATIONS

SCREW:-

- surface hardened carbon steel- zinc electroplated 16f.

Screw size DxL(mm)	Max Drilling Thickness (mm)	Head Size (mm)	Max Fixture Thickness Screw With Washer t_{fix} (mm)	Max Fixture Thickness Screw Without Washer t_{fix} (mm)	Packing
4.8x28	2.5	8	5.0	8.0	250
4.8x35			12.0	15.0	250
4.8x55			32.0	35.0	250

SELF DRILLING SCREWS (DRILLING CAPACITY 2.5 MM)

ADVANTAGES

- Overlapping sheet connection.
- Made according to DIN 7504 K.
- Reduced drilling point guarantees optimum tightness of the fastening.
- Full thread eliminates overtightening ofthe screw, allows the screw to be used without a washer if waterproof connection is not needed.
- Available with or without EPDM washer

APPLICATIONS

SCREW:-

- surface hardened carbon steel- zinc electroplated 16f.

Screw size DxL(mm)	Max Drilling Thickness (mm)	Head Size (mm)	Max Fixture Thickness Screw With Washer	Screw Without Washer t_{fix} (mm)	Packing
4.8X16	2.5	8	4.0	7.0	250
4.8X19	2.5		7.0	10.0	250

DRY WALL SCREWS

ADVANTAGES

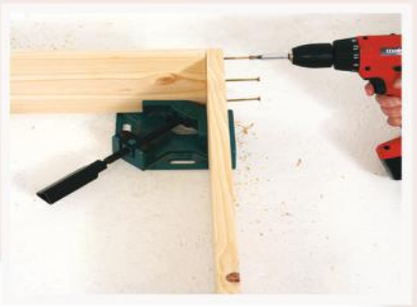
- Low-carbon steel-black phosphate coating to resist corrision.

APPLICATIONS

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

Screw Size (mm)	Scewhead Type	Box/Pack Quantity(pcs)
3.5x25	PHILIPS2	1000
3.5x32	PHILIPS2	1000
3.5x35	PHILIPS2	1000
3.5x38	PHILIPS2	1000
3.5x42	PHILIPS2	500
3.5x45	PHILIPS2	500
3.5x50	PHILIPS2	500
3.5x55	PHILIPS2	500
3.5x60	PHILIPS2	250
3.5x70	PHILIPS2	250
3.5x75	PHILIPS2	250
3.5x90	PHILIPS2	250
3.5x100	PHILIPS2	200
3.5x110	PHILIPS2	200
3.5x120	PHILIPS2	200

CHIPBOARD SCREWS



ADVANTAGES

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

APPLICATIONS

- For screwing into chipbord, timer, plastics with no pre-drling

Size (All Dimension in MM dxL)

Screw Size	Screw Head	Description	Quantity	
			Box	Outer
2.5x10	Pozidrive1	Full Thread	200	9600
2.5x12	Pozidrive1	Full Thread	200	9600
2.5x16	Pozidrive1	Full Thread	200	9600
3.0x12	Pozidrive1	Full Thread	200	9600
3.0x16	Pozidrive1	Full Thread	200	9600
3.0x18	Pozidrive1	Full Thread	200	9600
3.0x20	Pozidrive1	Full Thread	200	9600
3.0x25	Pozidrive1	Full Thread	200	9600
3.0x30	Pozidrive1	Full Thread	200	4800
3.0x35	Pozidrive1	Full Thread	200	9600
3.0x40	Pozidrive1	Full Thread	200	9600
3.5x12	Pozidrive1	Full Thread	200	9600
3.5x16	Pozidrive1	Full Thread	200	9600
3.5x18	Pozidrive1	Full Thread	200	9600
3.5x20	Pozidrive1	Full Thread	200	9600
3.5x25	Pozidrive1	Full Thread	200	9600
3.5x30	Pozidrive1	Full Thread	200	9600
3.5x35	Pozidrive1	Full Thread	200	4800
3.5x40	Pozidrive1	Full Thread	200	4800
3.5x45	Pozidrive1	Full Thread	200	4800
4.0x16	Pozidrive1	Full Thread	200	9600
4.0x18	Pozidrive1	Full Thread	200	9600
4.0x20	Pozidrive1	Full Thread	200	9600
4.0x25	Pozidrive1	Full Thread	200	9600
4.0x30	Pozidrive1	Full Thread	200	4800
4.0x35	Pozidrive1	Full Thread	200	4800
4.0x40	Pozidrive1	Full Thread	200	4800
4.0x45	Pozidrive1	Full Thread	200	4800
4.0x50	Pozidrive1	Full Thread	200	4800
4.0x55	Pozidrive1	Full Thread	200	4800
4.0x60	Pozidrive1	Full Thread	200	4800
4.0x70	Pozidrive1	Full Thread	200	9600
4.0x80	Pozidrive1	Full Thread	200	2400
4.5x16	Pozidrive1	Full Thread	200	9600
4.5x20	Pozidrive1	Full Thread	200	9600
4.5x25	Pozidrive1	Full Thread	200	9600

Screw Size	Screw Head	Description	Quantity	
			Box	Outer
4.5x30	Pozidrive1	Full Thread	200	4800
4.5x35	Pozidrive1	Full Thread	200	4800
4.5x40	Pozidrive1	Full Thread	200	4800
4.5x45	Pozidrive1	Full Thread	200	4800
4.5x50	Pozidrive1	Full Thread	200	4800
4.8x60	Pozidrive1	Full Thread	200	3600
4.5x70	Pozidrive1	Full Thread	200	3600
4.5x80	Pozidrive1	Full Thread	200	2400
5.0x20	Pozidrive1	Full Thread	200	9600
5.0x25	Pozidrive1	Full Thread	200	4800
5.0x30	Pozidrive1	Full Thread	200	4800
5.0x35	Pozidrive1	Full Thread	200	4800
5.0x40	Pozidrive1	Full Thread	200	4800
5.0x45	Pozidrive1	Full Thread	200	4800
5.0x50	Pozidrive1	Full Thread	200	4800
5.0x60	Pozidrive1	Full Thread	200	2400
5.0x70	Pozidrive1	Full Thread	200	2400
5.0x80	Pozidrive1	Full Thread	200	2400
5.0x90	Pozidrive1	Full Thread	200	1200
5.0x100	Pozidrive1	Full Thread	200	1200
5.0x120	Pozidrive1	Full Thread	200	1200
6.0x30	Pozidrive1	Full Thread	200	4800
6.0x35	Pozidrive1	Full Thread	200	4800
6.0x40	Pozidrive1	Full Thread	200	4800
6.0x50	Pozidrive1	Full Thread	200	2400
6.0x60	Pozidrive1	Full Thread	200	2400
6.0x70	Pozidrive1	Full Thread	200	1200
6.0x80	Pozidrive1	Full Thread	200	1200
6.0x90	Pozidrive1	Full Thread	200	1200
6.0x100	Pozidrive1	Full Thread	200	1200
6.0x110	Pozidrive1	Full Thread	200	1200
6..0x120	Pozidrive1	Full Thread	200	1200
6.0x130	Pozidrive1	Full Thread	200	1200
6.0x140	Pozidrive1	Full Thread	200	1200
6.0x150	Pozidrive1	Full Thread	200	1200
6.0x160	Pozidrive1	Full Thread	200	1200

CONCRETE SCREW

ADVANTAGES

Minimum screw anchorage depth:

- for dense building materials - 30 mm, for aerated concrete and timber60mm.

Screw:

- Hardened steel, electro-zinc coated -10 11m.

APPLICATIONS

- Door and window frames
- Securing formwork
- M & E installation
- Suspended ceilings
- Lightweight steel angles

Dimensions	Min.embedment depth K*(mm)	Min.embedment depth K**(mm)	Max.fixture thick-ness u** (mm)	Max.fixture thick-ness u** (mm)	Quantity Box
7.5x42	30	60	10		100
7.5x52	30	60	20		100
7.5x62	30	60	30		100
7.5x72	30	60	40	10	100
7.5x82	30	60	50	20	100
7.5x92	30	60	60	30	100
7.5x100	30	60			100
7.5x112	30	60	80	50	100
7.5x120	30	60			100
7.5x132	30	60	100	70	100
7.5x152	30	60	150	120	100
7.5x182	30	60	150	120	100
7.5x202	30	60	170	140	100
7.5x212	30	60	180	150	100

CONFIRMATIVE SCREW-HEX DRIVE POZI DRIVE

Size /mm	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

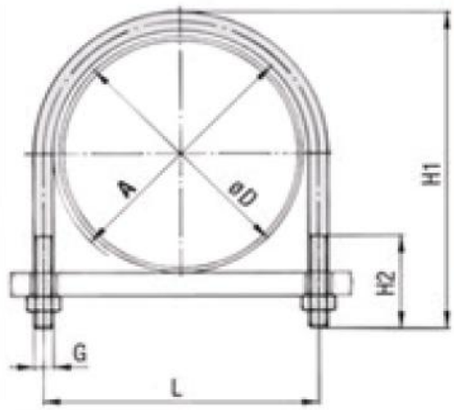
ADVANTAGES

- 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 Confirm-ative 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.

DIN 3570 U BOLT



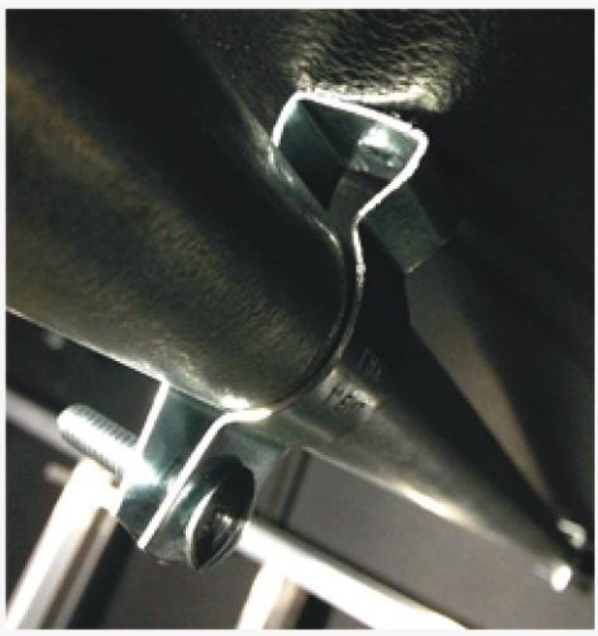
DN	AD ϕ D		RBO				
	[mm]	min width	A	L	H	H2	G
20	25		30	40	70	40	M10
	26,9	3/4					
25	30		38	48	76		
	33,7	1					
32	38		46	56	86		
	42,4	1 1/4					
40	44,5		52	62	92	50	
	48,3	1 1/2					
50	57		64	76	109		M12
	60,3	2					
65	76,1	2 1/2	82	94	125		
80	88,9	3	94	106	138		
100	108		120	136	171	60	M16
	114,3	4					
125	133		148	164	191		
	139.7	5					
150	159		176	192	217		
	168.3	6					
175	193.7		202	218	249		
200	216		228	248	283	70	M20
	219.1	8					
250	267		282	302	334		
	273	10					
300	318		332	352	385		
	323.9	12					
350	355.6	14	378	402	435		M24
	368						
400	406.4	16	428	452	487		
	419						
500	508		530	554	589		
	521						

CAN U CLAMP

Clamping Size	Nominal Pipe Size		Width X Thickness
[mm]	[mm]	Inch	[mm]
16	10	3/8’	16
22	15	1/2’	22
25	17	5/8	25
27	20	34	27
34	25	1	34
43	32	11/4	43
49	40	11/2	49
61	50	2	61
77	65	21/2	77
90	80	3	90
115	100	4	115
141	125	5	141
166	140	6	166
215	200	8	215

CAN SPRINKLER HANGER

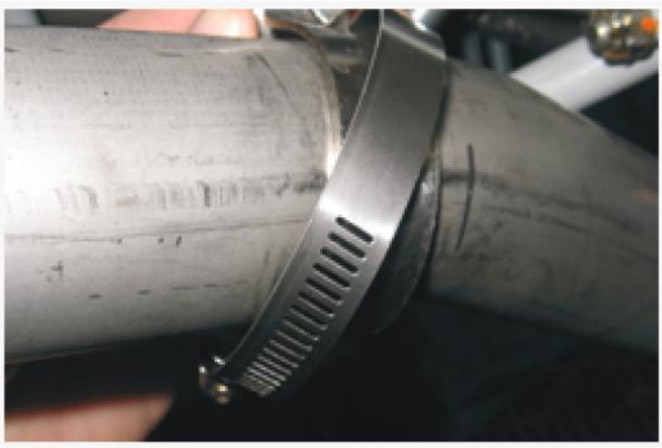
Nominal Pipe Size		Rod Size	Width X Thickness
Inches	[mm]	[mm]	[mm]
15	1/2	8/10	25x1.5
20	3/4	8/10	25x1.5
25	1	8/10	25x1.5
32	11/4	8/10	25x1.5
40	11/2	8/10	25x1.5
50	2	8/10	25x2.5
65	21/2	10	25x2.5
80	3	10	25x2.5
100	4	12	25x2.5
125	5	12	30x3.0
150	6	16	30x3.0
200	8	16	38x3.0



CAN PIPE CLAMP WITH RUBBER

CAN PIPE CLAMP

ϕ [mm]	Inches	Width X Thickness [mm]
15-19	3/8	20X1.8
20-25	1/2	20X1.8
26-30	3/4	20X1.8
32-36	1	20X2.0
38-45	1 l/4	20X2.0
47-51	11/2	20X2.0
53-58	-	20X2.0
60-64	2	20X2.2
68-72	-	20X2.2
74-80	21/2	20X2.2
81-86	-	20X2.2
87-92	3	20X2.4
99-105	31/2	20X2.4
107-112	-	20X2.4
113-118	4	20X2.5
125-130	-	20X2.5
131-137	-	20X2.5
138-142	5	20X2.5
148-152	-	20X2.5
159-160	6	20X2.5
168-172	-	20X2.5
200-205	-	20X2.5
215-220	-	20X2.5

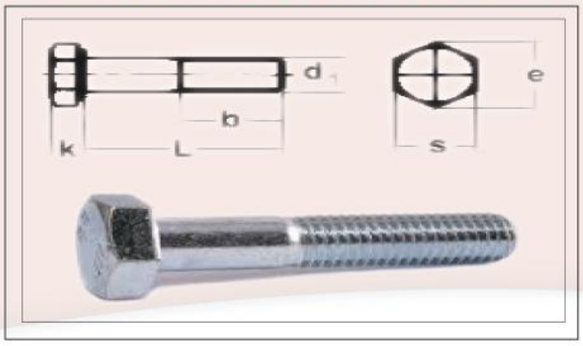


Thickness	Width	Length
2.5	20	20
2.5	20	25
2.5	20	30
2.5	25	30
2.5	25	40
2.5	25	50
2.5	25	60
2.5	25	70
2.5	25	100

CAN PIN WITH RING

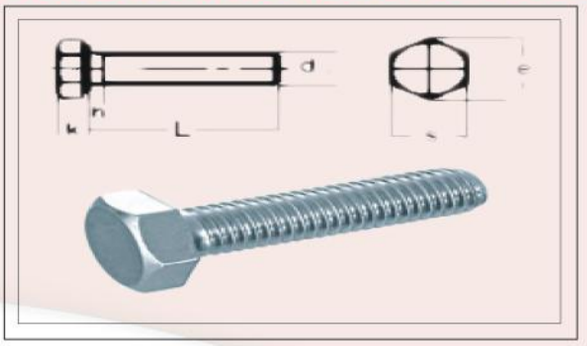
Size
4X40
4X50
4X50
4X60
6X60

DIN 931 HEXAGONAL HEAD SCREW



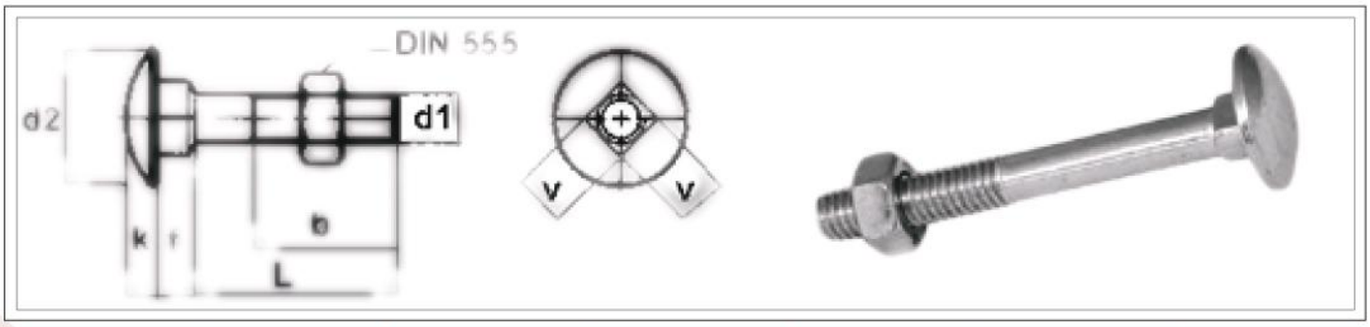
d_1	k	s	$b_{L\leq125}$	$b_{L>125}$	$b_{L>200}$	e
M3	2	5.5	12	-	-	6.01
M4	2.8	7	14	-	-	7.66
M5	3.5	8	16	-	-	8.79
M6	4	10	18	24	-	11.05
M7	4.8	11	20	26	-	12.12
M8	5.3	13	22	28	-	14.38
M10[1)]	6.4	16(17)	26	32	45	18.90
M12[1)]	7.5	18(19)	30	36	49	21.10
M14[1)]	8.8	21(22)	34	40	53	24.49
M16	10	24	38	44	57	26.75
M18	11.5	27	42	48	61	30.14
M20	12.5	30	46	52	65	33.53
M22[1)]	14	34(32)	50	56	69	35.72
M24	15	36	54	60	73	39.98
M27	17	41	60	66	79	45.20
M30	18.7	46	66	72	85	50.85
M33	21	50	72	78	91	55.37
M36	22.5	55	78	84	97	60.79
M39	25	60	84	90	103	66.44
M42	26	65	90	96	109	71.30
M45	28	70	96	102	115	76.95
M48	30	75	102	108	121	82.25
M52	33	80	-	116	129	88.25
M56	35	85	-	124	137	93.56
M60	38	90	-	132	145	99.21
M64	40	95	-	140	153	104.86

DIN933 HEXAGON WOOD SCREW



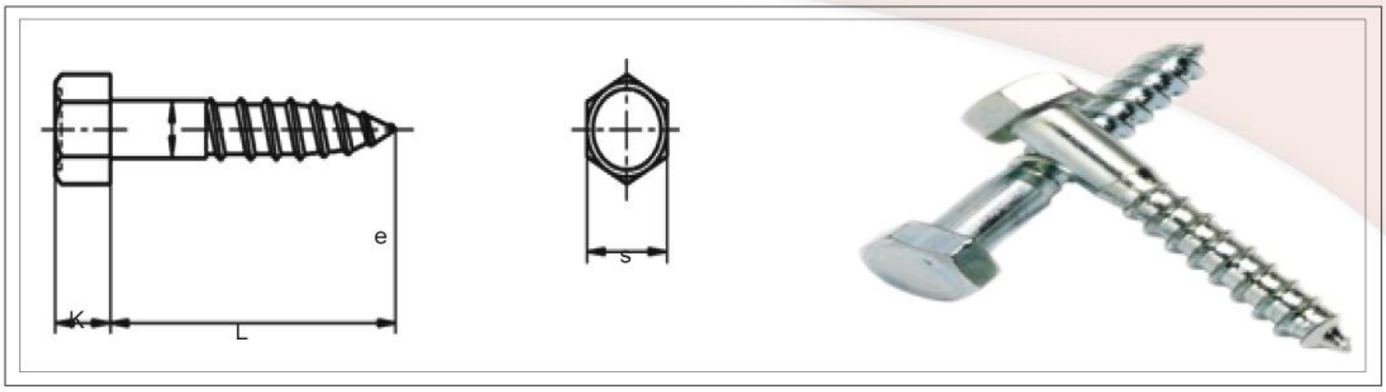
d_1	k	s	e	h_{max}
M1.6	1.1	3.2	3.48	-
M2	1.4	4	4.32	1.7
M2.5	1.7	5	5.45	-
M3	2	5.5	6.01	1.5
M3.5	2.4	6	6.58	-
M4	2.8	7	7.66	2.1
M5	3.5	8	8.79	2.4
M6	4	10	11.05	3
M7	4.8	11	14.38	3.75
M8	5.3	13	18.90	4.5
M10[1)]	6.4	16(17)	18.90	4.5
M12[1)]	7.5	18(19)	21.(22)	5.25
M14[1)]	8.8	21(22)	24.49	6
M16	10	24	26.75	6
M18	11.5	27	30.14	7.5
M20	12.5	30	33.53	7.5
M22[1)]	14	34(32)	35.72	7.5
M24	15	36	39.98	9
M27	17	41	45.20	9
M30	18.7	46	50.85	10.5
M33	21	50	55.37	10.5
M36	22.5	55	60.79	12
M39	25	60	66.44	-
M42	26	65	71.30	-
M45	28	70	76.95	-
M48	30	75	82.60	-
M52	33	80	88.25	-
M64	40	95	104.86	-

DIN 603 MUSHROOM HEAD SQUARE NECK BOLT



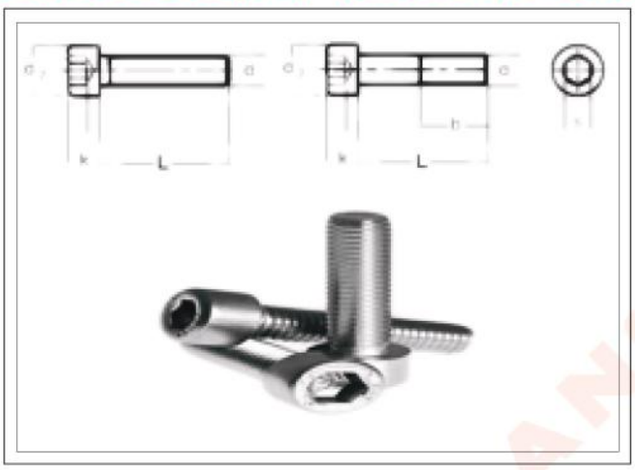
d_1	$b_{L>25-200}$	$b_{L>200}$	$d2_{max}$	k_{max}	f_{max}	V_{max}
M5	22		13.55	3.3	4.1	5.48
M6	24		16.55	3.88	4.6	6.48
M8	28	41	20.65	4.88	5.6	8.58
M10	32	45	24.65	5.38	6.6	10.58
M12	36	49	30.65	6.95	8.75	12.7
M16	44	57	38.8	8.95	12.9	16.7

DIN 571 HEXAGON HEAD WOOD SCREW



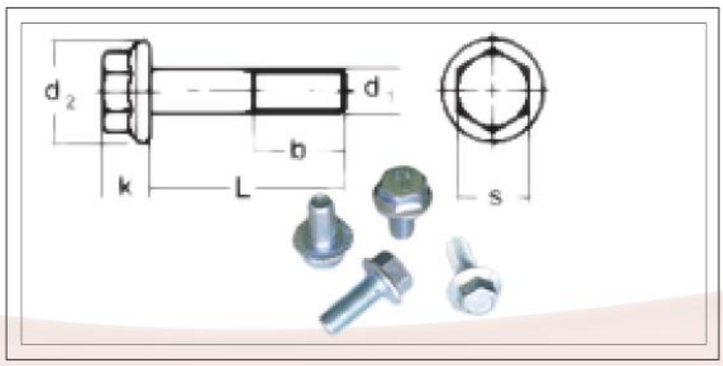
Thead Size	k	e	s				L
4	5	6	7	8	10	12	16
2.8	3.5	4	5	5.5	7	8	10
7.50	8.63	10.89	13.07	14.2	18.72	20.88	26.17
7	8	10	12	13	17	19	24
16-40	16-50	25-150	30-150	30-200	30-300	35-400	45-420

DIN 912-SCOKET HEAD CAP SCREWS



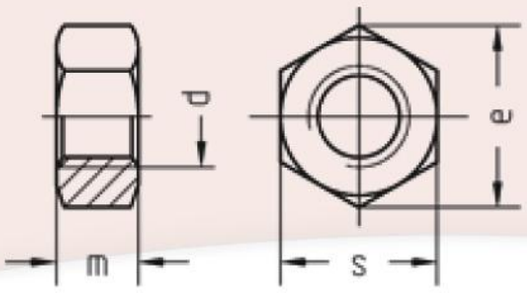
d_1	d_2	b	k	s	t_{min}	d_{s} 1)
M1.4	2.6	-	1.4	1.25	-	12
M1.6	3	15	1.6	1.5	0.7	16
M1.8	3.4	-	1.8	1.5	1	16
M2	3.8	16	2	1.5	1	20
M2.5	4.5	17	2.5	2	1.1	25
M3	5.5	18	3	2.5	1.3	20
M4	7	20	4	3	2	25
M5	8.5	22	5	4	2.5	25
M6	10	24	6	5	3	30
M8	13	28	8	6	4	35
M10	16	32	10	8	5	40
M12	18	36	12	10	6	50
M14	21	40	14	12	7	55
M16	24	44	16	14	8	60
M18 2)	27	48	18	14	9	65
M20	30	52	20	17	10	70
M22	33	56	22	17	11	75
M24	36	60	24	19	12	80
M27 2)	40	66	27	19	13.5	90
M30	45	72	30	22	15.5	100
M33	50	78	33	24	18	100
M36	54	84	36	27	19	110
M42 2)	63	96	42	32	24	130
M48	72	108	48	36	28	150
M52	78	116	52	36	31	-
M56	84	124	56	36	34	-
M64	96	140	64	46	38	-

DIN 6912-SCOKET HEAD CAP SCREWS



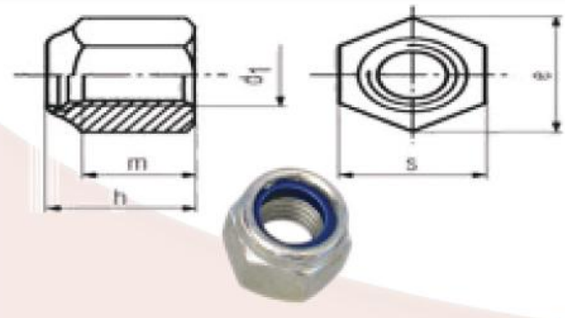
d_1	d_2	k	s	$d_{L<125}$	$d_{L>125}$	$d_{L<}$ 1)
M6	14.2	6.6	10	18	-	20
M8	18	8.1	13	22	28	30
M10	22.3	11.5	16	30	36	40
M12	26.6	11.5	16	30	36	40
M14	30.5	14.4	18	34	40	45
M16	35	14.4	21	38	44	50
M20	43	17.1	27	46	52	60

DIN 934 HEX NUT



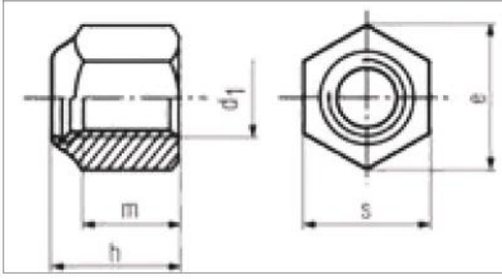
d_1	$s^{1)}$	$m_{max1)}$	e_{min}
M1	2.5	0.8	2.71
M1.2	3	1.2	3.28
M1.4	3	1.3	3.48
M1.6	3.2	1.3	3.48
M1.7	3.5	1.4	3.82
M1.8	3.5	1.4	3.82
M2	4	1.6	4.32
M2.3	4.5	1.8	4.88
M2.5	5	2	5.45
M2.6	5	2	5.45
M3	5.5	2.4	6.01
M4	7	3.2	7.68
M5	8	4.7(4)	8.79
M6	10	4.2(5)	11.05
M7	11	5.5	12.12
M8	13	6.8(6.5)	14.38
M10	16(17)	8.4(8)	17.77(18.90)
M12	18(19)	10.8(10)	20.35(21.10)
M14	21(22)	12.8(11)	23.35(24.49)
M16	24	14.8 (13)	26.75
M18	27	15.8(15)	29.56
M20	30	18.0(16)	32.95
M22	34(32)	19.4(18)	37.29(35.03)
M24	36	21.5(19)	39.55
M27	41	23.8(22)	45.20
M30	46	25.6(24)	50.85
M33	50	28.7(26)	55.37
M36	55	33.4(31)	66.79
M39	60	33.4(31)	66.44
M42	65	34	71.30
M45	70	36	76.95
M48	75	38	82.60
M52	80	42	88.25
M56	85	45	93.56
M60	90	48	99.21
M64	95	51	104.86
M68	100	54	110.81
M72	105	58	116.16
M76	110	61	121.81
M80	115	64	127.46
M85	120	68	133.11
M90	130	72	144.08
M95	135	76	150.74
M100	145	80	161.02
M105	150	84	167.69
M110	155	88	172.32
M120	170	96	190.29
M125	180	100	200.57
M140	200	112	220.80

DIN 982 SELF LOCKING NUT



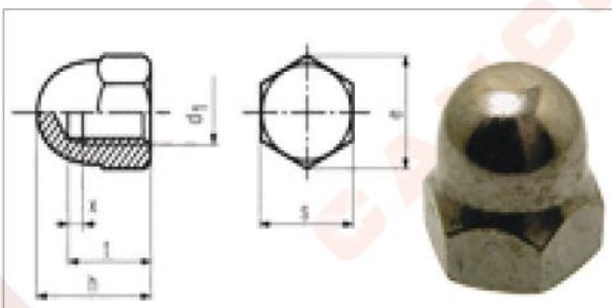
d_1	s	h	m	e_{min}
M5	8	6.3	4.4	8.79
M6	10	8	4.9	11.05
M7	11	8.5	6.14	12.12
M8	13	9.5	6.44	14.38
M10	17	11.5	8.04	18.90
M12	19	14	10.37	21.10
M14	22	16	12.1	24.49
M16	24	18	14.1	26.75
M18	27	20	15.1	29.56
M20	30	22	16.9	32.95
M22	32	25	18.1	35.03
M24	36	28	20.2	39.55

DIN 985 NYLON INSERT LOCK NUT



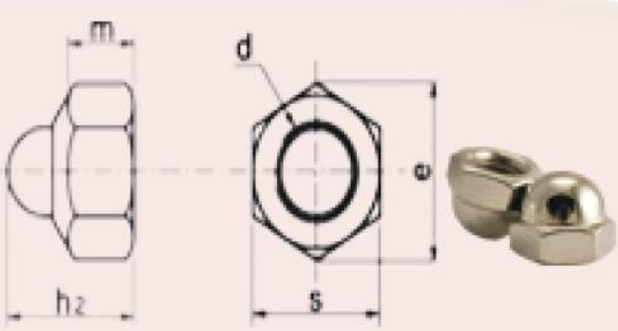
d_1	s	h_{max}	m	e_{min}
M2	4.5	2.5	1.6	4.91
M2.5	5	3.8	2	5.51
M,3	5.5	4	2.4	6.01
M3.5	6	4.5	2.6	6.64
M4	7	5	3.2	7.66
M5	8	5	4	8.79
M6	10	6	5	11.05
M7	11	7.5	5.5	12.12
M8	13	8	6.5	14.38
M10	17	10	8	18.90
M12	19	12	10	21.10
M14	22	14	11	24.49
M16	24	16	13	26.75
M18	27	18.5	50	29.56
M20	30	20	16	32.95
M22	32	22	18	35.03
M24	36	55	19	39.55
M27	41	27	22	45.20
M30	46	30	24	50.85
M33	50	33	26	55.37
M36	55	36	29	60.79
M39	60	39	31	66.44
M42	65	42	34	71.30
M45	70	45	36	76.95
M48	75	48	38	82.60
M52	80	52	42	88.25
M56	85	56	45	-
M60	90	16	48	-
M64	95	64	41	-

DIN 1587 HEXAGON DOMED CAP NUT



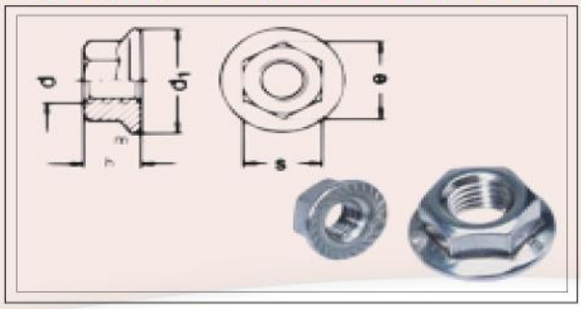
d_1	s	h	t	b	e_{min}
M3	5.5	6	3.8	2.8	6.01
M4	7	8	5.5	4.1	7.66
M5	8	10	7.5	5.4	8.79
M6	10	12	8	8	11.05
M8	13	15	11	8.5	14.38
M10[1)]	16(17)	18	13	10	17.77(18.90)
M12[1)]	18(19)	22	28	21	20.03(21.10)
M14[1)]	21(22)	25	18	13	23.35(24.49)
M16	24	28	21	16	26.75
M18	27	32	25	18.7	29.56
M20	30	34	26	19.7	32.95
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



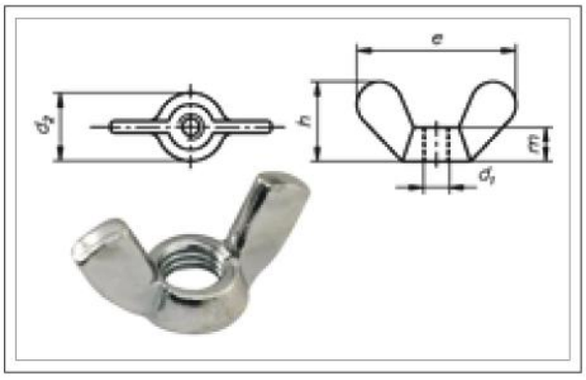
d_1	s	h	m	e_{min}
M4	7	9.6	2.9	7.66
M5	8	10.65	4.4	8.79
M6	10	12	4.9	11.05
M8	13	14	6.44	14.38
M10[1)]	16(17)	18.1	8.04	17.77(18.90)
M12[1)]	18(19)	22.5	10.37	20.03(21.10)
M16	24	27.5	14.1	26.75
M20	30	35	16.9	32.95

DIN 6923 HEXAGON FLANGE NUT



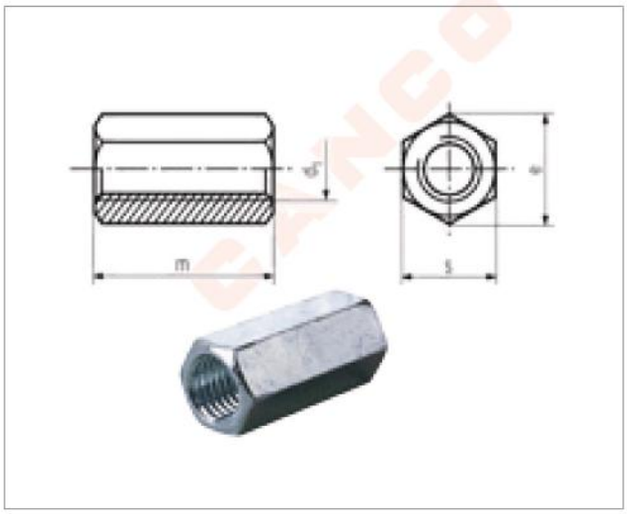
d	d_{1mac}	s	h_{max}	m_{min}
M5	11.8	8	5	-
M6	14.2	10	6	31
M8	17.9	13	8	4.5
M10	21.8	15	10	5.5
M12	26	18	12	6.7
M14	29.9	21	14	7.8
M16	34.5	24	16	9
M20	42.8	30	20	-
M24	45	36	30	-

DIN 315 WING NUT



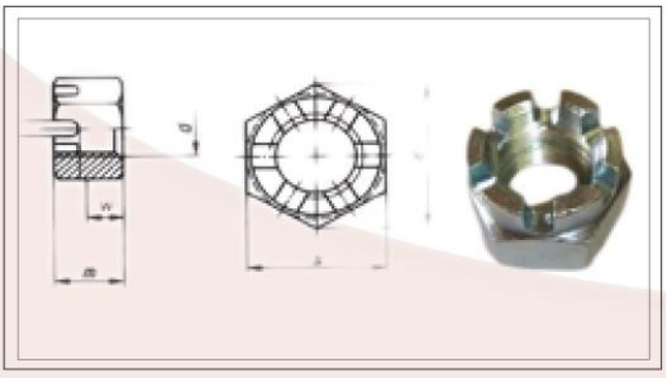
d_1	d_{2max}	m	h_{max}	g_{max}	e_{min}
M3	8	-	10	1.6	20
M4	8	4.6	10.5	1.9	20
M5	11	6.5	13	2.3	26
M6	13	8	17	2.3	33
M8	16	10	20	2.8	39
M10	20	12	25	4.4	51
M12	23	14	33.65	4.9	65
M14	-	17	37.5	-	73
M16	29	17	37.5	6.4	73
M20	35	21	46.5	6.9	90
M24	44	25	56.5	9.4	110

DIN 6334 ROD CONNECTOR



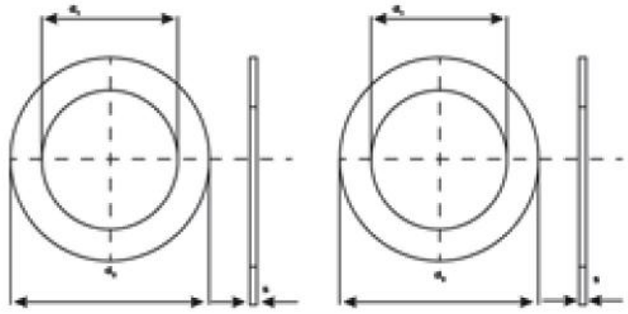
d_1	s	m_{max}	e_{min}
M5	8	15	8.79
M6	10	18	11.05
M8	13	24	14.38
M10[1)]	16(17)	30	17.77(18.90)
M12[1)]	18(19)	36	20.03(21.49)
M14[1)]	21(22)	42	23.35(24.49)
M16	24	48	26.75
M18	27	54	29.56
M20	30	16	32.95
M22[1)]	34(32)	66	37.29(35.03)
M24	36	72	39.55
M30	46	90	50.85
M36	55	108	60.79
M42	65	126	71.30
M48	75	144	82.60

DIN 935 HEX CASTLE SLOTTED NUT



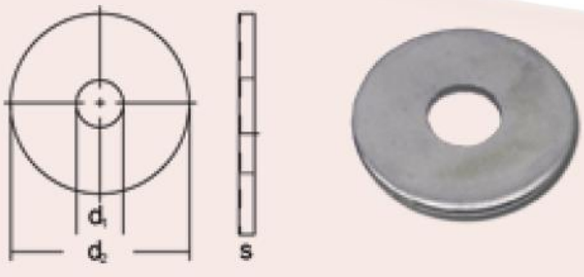
d	s	e	m	w max
M5	8	8,79	6	4
M6	10	11,05	7,5	5
M8	13	14,38	9,5	6,5
M10	17	18,9	12	8
M12	19	21,1	15	10
M14	22	24,49	16	11
M16	24	26,75	19	13
M18	27	29,56	21	15

DIN 125 FLAT WASHER



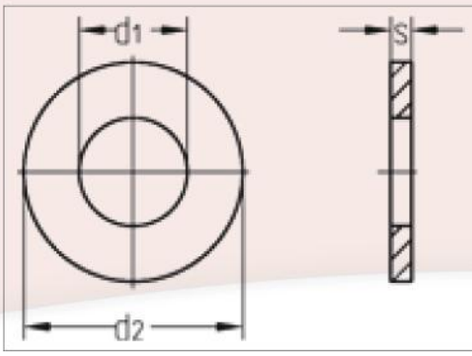
d_1	Used for	d_2	s
1.1	M1	3	0.3
1.3	M1.2	3.5	0.3
1.5	M1.4	4	0.3
1.7	M1.6	4	0.3
1.8	M1.7	4.5	0.3
2.2	M2	5	0.3
2.7	M2.5	6	0.5
2.8	M2.6	7	0.5
3.2	M3	7	0.5
3.7	M3.5	8	0.5
4.3	M4	9	0.8
5.3	M5	10	1
6.4	M6	12	1.6
7.4	M7	14	1.6
8.4	M8	16	1.6
10.5	M10	20	2
13	M12	24	2.5
15	M14	28	2.5
17	M16	30	3
19	M18	34	3
21	M20	37	3
23	M22	39	3
25	M24	44	4
28	M27	50	4
31	M30	56	4
34	M33	60	5
37	M39	72	6
43	M42	45	7
46	M45	85	7
50	M48	92	8
54	M52	98	8
58	M56	105	9
62	M60	110	9
66	M64	115	9
70	M68	120	9
74	M72	125	10
78	M76	135	10
82	M80	140	12
87	M85	145	12
93	M90	160	12
104	M100	175	14

DIN 7349 STEEL PLAIN WASHER



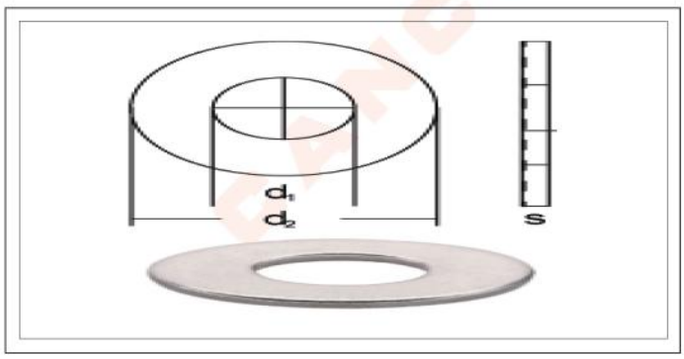
d_1	Used for	d_2	s
3.2	M3	9	1
4.3	M4	12	1.6
5.3	M5	15	2
6.4	M6	17	3
8.4	M8	21	4
10.5	M10	25	4
13	M12	30	6
15	M14	36	6
17	M16	40	6
19	M18	44	8
21	M20	50	8
23	M22	50	8
25	M24	50	10
28	M27	60	10
31	M30	68	10

DIN126FLAT WASHER



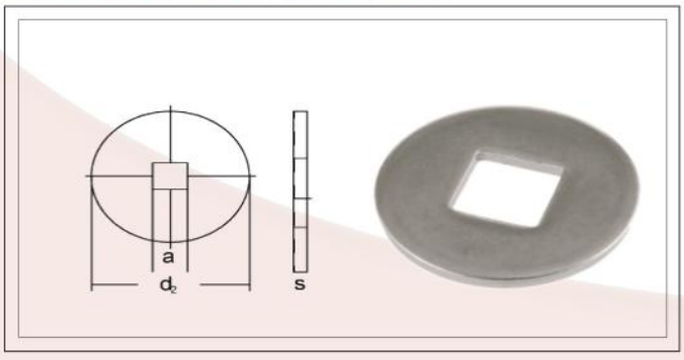
d_1	Used for	d_2	s
5.5	M5	10	1
6.6	M6	12	1.6
7.6	M7	14	1.6
9	M8	16	1.6
11	M10	20	2
13.5	M12	24	2.5
15.5	M14	28	2.5
17.5	M16	30	3
22	M20	37	3
24	M22	39	3
26	M24	44	4
30	M27	50	4
33	M30	56	4
36	M33	60	5
39	M36	66	5
42	M39	72	6
45	M42	78	7
48	M45	85	7
52	M48	92	8
56	M52	98	8
62	M56	105	9
66	M60	110	9
70	M64	115	9
78	M72	125	10
86	M80	140	12
96	M90	160	12

DIN 9021 FLAT WASHER



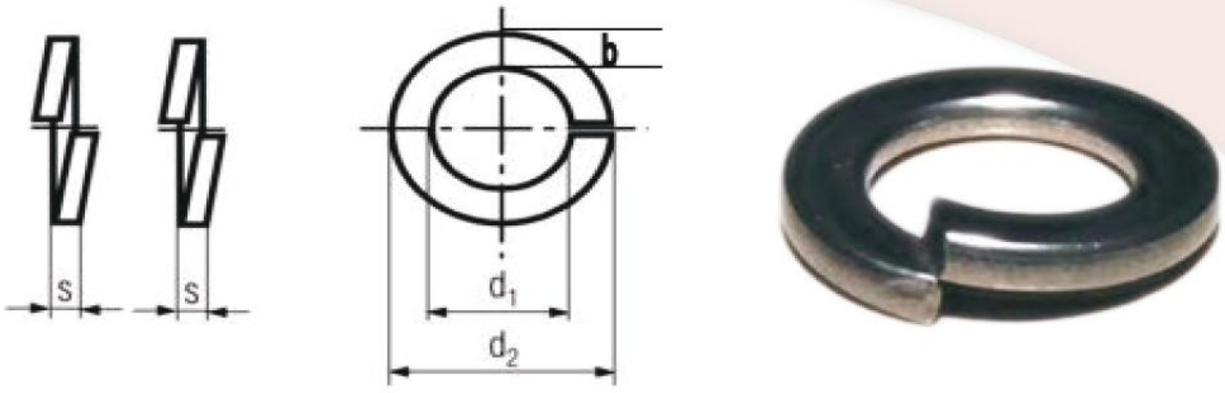
d_1	Used for	d_2	s
2.5	M2.3	8	0.8
2.7	M2.5	8	0.8
3.2	M3	9	0.8
3.7	M3.5	11	0.8
4.3	M4	12	1
5.3	M5	15	1.2
6.4	M6	18	1.6
7.4	M7	22	2
8.4	M8	24	2
10.5	M10	30	2.5
13	M12	37	3
15	M14	44	3
17	M16	50	3
20	M18	56	4
22	M20	60	4

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

DIN 127 SPRING LOCK WASHER

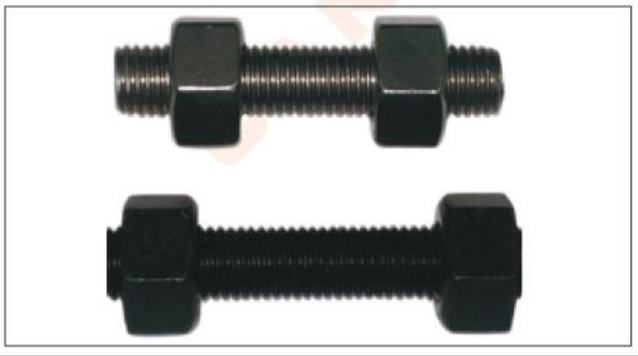


d_1	Used For	d_2	b	s
2.1	M2	4.4	0.9	0.5
2.4	M2.3	4.9	1	0.6
2.6	M2.5	5.1	1	0.6
3.1	M3	6.2	1.3	0.8
3.6	M3.5	6.7	1.3	0.8
4.1	M4	7.6	1.5	.09
5.1	M5	9.2	1.8	1.2
6.1	M 6	11.8	2.5	1.6
7.1	M7	12.8	2.5	1.6
8.1	M8	14.8	3	2
10.2	M10	21.1	3.5	2.2
12.2	M12	21.1	4	2.5
14.2	M14	24.1	4.5	3
16.2	M16	24.1	5	3.5
18.2	M18	29.4	5	3.5
20.2	M20	33.6	6	4
22.5	M22	33.9	6	4
24.5	M24	40	7	5
27.5	M27	43	7	5
30.5	M30	48.2	8	6
33.5	M33	55.2	10	6
36.5	M36	58.2	10	6
39	M38	61.2	10	6
42.5	M42	68.2	12	7
45.5	M45	71.2	12	7
49	M48	75	12	7
53	M52	83	14	8
57	M56	87	14	8
61	M60	91	14	8
65	M64	95	14	8
69	M68	99	14	8
73	M72	103	14	8
81	M80	111	14	8
91	M90	121	14	8
101	M100	131	14	8

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

INDUSTRIAL SAFETY PRODUCTS

GLOVES

Size -S,M,L,XL	Quality - Terry, Vinyl, Nitriles, Kevlor, Neoprene
Grip - Heat Resistent, Cotton Canvas, Chrome CanvasLeather Gloves, Black Rubber & Electrician Gloves	Colour 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	Colour Natural White Grey Brown Tan

COVERALSS

Size S,M, L, XL	
Quality - Coverall with attached Hood & Boots, Antiskid attached bootselastic waist, front zipper, clouserat chin Color - Orange Lime Yellow Red Green Blue	Colour Orange Lime Yellow Red Green Blue

HEADGEAR

Size S,M, L, XL	
Quality - Coverall with attached Hood & Boots, Antiskid attached bootselastic waist, front zipper, clouserat chin Color - Orange Lime Yellow Red Green Blue	Colour Orange Lime Yellow Red Green Blue

KNEE PADS

Size - Standard

Quality - Made of Moulded impactresistant rubber with adjustablestraps which keeps the knees cushoined and dry against wet surfaces. Nubbed outsidesurface providing anti -slip benefit.

EYE PROTECTION

Size - Standard

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

HARD HARTS

Size S,M, L, XL

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

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.	Colour Orange Lime Yellow Red Green Blue

SAFETY VEST

Size S,M, L, XL	Color Fluorescent Shades of Orange Lime Yellow
Quality - Surveyour safety vest, Fluorescent, 100% solid fabric, non conductive/	
Non-caustic zipper and multi pocket.	

PRIMARY BOX

PRIMARY BOX

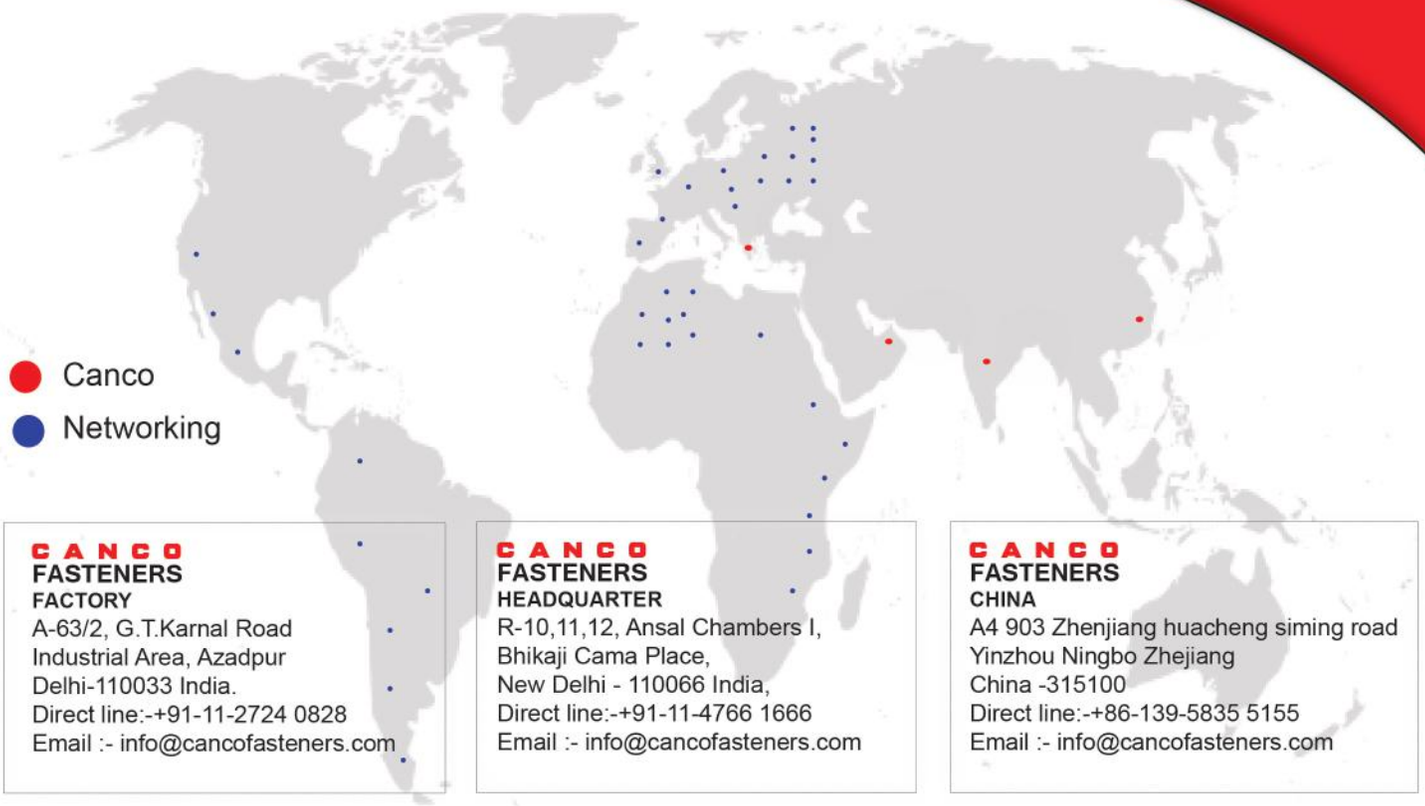
PLASTIC BOX PACKING

PALLET PACKING

THREAD ROD PACKING

CARTON PACKING

BLISTER PACK



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