

Subject: Standard specifications for fasteners

Keywords: Screws , plugs, fasteners ,wedge anchor bolts ,SDS,CSK

Sites to use: Screws, plugs and anchor bolts are being arbitrarily ordered and used. Correct use of fasteners would make substantial difference to the quality of construction. Hereafter, fasteners shall be used as given under:

Sl. No.	Description of item	Details of use	SKU no.	Appx. Cost in Rs.
1. 1	Fisher plug 5 mm – Bosch make	RCC and brick work for screws up to 6 mm dia – primarily used for electrical work and fixing of frames, roosters etc.	HARD6365-Hardware-Wall plug-Fischer-5mm-Pkts	188/-per packet- (100pcs per packet)
2. 2	Fisher plug in 6 mm – Bosch make	RCC and brick work for screws from 6 mm up to 8mm Dia - primarily used for plumbing work - for fixing of smoke	HARD6640-Hardware-Wall plug-Fischer-6mm-Pkts	194/-per packet- (100pcs per packet)
3. 3	S.S. screws pan head with 5mm plug	for electrical work	HARD9632-Hardware- SS Screws -Pan Head -6X25mm-pkts	139/-per packet- (100pcs per packet)
4.	S.S. screws pan head with 5mm plug	for electrical work	HARD1945-Hardware- SS Screws -Pan Head -6X32mm-pkts	139/-per packet- (100pcs per packet)
5.	S.S. screws pan head with 5mm plug	for electrical work	HARD3593-Hardware- SS Screws -Pan Head -6X50mm-pkts	139/-per packet- (100pcs per packet)
6. 4	SS screws CSK- 32 x 6 mm with 5mm plug	for grill fixing	HARD4624-Hardware- SS Screws -CSK- 6X32mm-pkts	118/-per packet- (100pcs per packet)
7.	SS screws pan head	For door no. plates	HARD6360-Hardware- SS Screws -Pan Head - 4X16mm-pkts	130/- per packet- 500pcs per packet
8.	SS screws pan head	For car parking no. plates	HARD9632-Hardware- SS Screws -Pan Head -6X25mm-pkts	139/-per packet- (100pcs per packet)
9.	SS screws CSK/Pan head	For door stopper	HARD9187-Hardware- SS Screws -CSK- 8X38mm-pkts	124/-per packet- (100pcs per packet)
10.	SS screws CSK/Pan head	For door stopper	HARD1982-Hardware- SS Screws -Pan Head -8X38mm-pkts	(153/-per packet- 100pcs per packet)
11.	Wood screws CSK	Fixing of fire alarm fixing	HARD7650-Hardware- Wood Screws -CSK- 8X35mm-pkts	118/-per packet- (100pcs per packet)

12.	Rack bolt – 5”x 16mm	For WC fixing	SACP3298-Sanitaey CP-Wall Hung WC Rack bolts-pairs	382/-
13.	Rack bolt – 4”x 10mm	For wash basin brackets	SACP6705-Sanitaey CP-Rack bolts-Wash basin- pairs	194/-
14.	Anchor bolt 6 mm pin type in RCC / walls. (Avoid 8mm) Make 5 mm hole	For staircase and balcony railing. Ladder fixing Lentil brackets	HARD8268-Hardware-Anchor Bolt-Pin type-6x50mm-No’s	6/-each
15.	Anchor bolt 6 mm with hook. Make 5 mm hole.	For drop wall	HARD3584-Hardware-Anchor Bolt-Hook type-6x50mm-No’s	12/- each
16.	Anchor bolt 12 mm hook type	For swings	HARD1295-Hardware-Anchor Bolt-Hook type-12X62.50mm-No’s	17/-each
17.	Door frame hold fast – 4” to 6” length, 1 ½” width in 4 mm thick MS flat fitted with 30 x 8 mm wood screw. For column fitting use 1” x 6mm x 9” flat	For door frames – fitted with 30 x 8 mm wood screw. Use 6mm plug	HARD6478-Hardware-Hold Fast 100mm(4’)-Kg’s	100 /-per kg
18.	Wood screws 25 mm x 8 mm	For wooden banister. Must use 1 1/4” MS flat for banister fixing.	HARD5710-Hardware-Wood Screws -CSK-8X25mm-pkts	118/-per packet-(100pcs per packet)
19.	Wood screws CSK Head	For banister post assembling.	HARD1199-Hardware-Wood Screws -CSK-8X60mm-pkts	118/-per packet-(100pcs per packet)
20.	Wood screws CSK Head	-Do-	HARD8550-Hardware-Wood Screws -CSK-8X75mm-pkts	118/-per packet-(100pcs per packet)
21.	2” nails	For chicken mesh fixing For electrical conducting fixing	HARD1877-Hardware-MS Nails-50mm-Kg’s	130/-per kg
22.	Bombay nails	For GI pipe fixing – concealed pipes only	HARD2155- Bombay Nails-62.50mm-Kg’s	130/-per kg
23.	Bombay nails	-Do-	HARD9376- Bombay Nails-75mm-Kg’s	130/-per kg
24.	Sleeve & Bullet-	For fire fighting works like, sprinkler any header lines	HARD2041-Hardware-Sleeve & Bullets-8x50mm-No’s HARD7775-Hardware-Sleeve & Bullets-10x75mmNo’s	5/-each

25.	Sleeve & Bullet-	-Do-	HARD7775-Hardware-Sleeve & Bullets-10x75mmNo's	10/-each
26.	GI coated Wedge Anchor Bolt	MS Structural works purpose. Like HVAC piping support & Anchoring of motors	HARD3423-Hardware-Wedge Anchor Bolt-8x100mm-No's	12/-each
27.	GI coated Wedge Anchor Bolt	-Do-	HARD4066-Hardware-Wedge Anchor Bolt-12x100Lmm-No's	21/-each
28.	Self drilling screw	GI shed work purpose.	HARD2802-Hardware-SS-Self drilling screw-8x25mm-Box	500/- per Box

Notes:

1. Use 3 nos. 4" wide SS Dorset bearing type hinges for doors. Door hinges use screws supplied \with Dorset hinges.
2. Use 4"/6" SS handles for window /doors.
3. Use 4"/6" SS tower bolts for window/doors.
4. Use 12" to 30" GI/composite brackets for pipe fitting.
5. Use U type clamps for horizontal PVC SWR drain pipes.
6. All PVC pipes for drainage and rain water must be screwed on to the wall with 6 mm plug and 35 x 8 mm wood screw. Do not use Bombay nails.
7. Purchase not to order any fasteners other than ones mentioned above without cross checking with project manager.
8. Wood screws must be of Sharpex or National brand. Sheet metal screws should be of TFR or Tuff brand.
9. Railing top for banister fixing must be 1 1/4" MS flat.
10. GI pipes of any size wherever exposed must be fitted with GI clamps (saddle with spacer bar) with 6 mm plug and 35 x 8 mm wood screws. Do not use Bombay nails.
11. CSK stands for Counter Sunk Head Screw (shaved head).
12. Nails shall be of MS.
13. Aluminum windows must use SS screws for their works.

Soham Modi



SACP6705-Sanitary CP-Rack bolts-Wash basin



HARD9268-Hardware-Anchor Bolt-Hook type-8x50mm

HARD4624-Hardware- SS
Screws -CSK - 6X32mm



HARD4934- Bombay Nails-50mm

HARD6478-Hardware- Hold Fast 100mm(4')



HARD6640-Hardware-Wall plug-Fischer-6mm



HARD5710-Hardware- Wood Screws -CSK- 8X25mm



HARD2041-Hardware-Sleeve & Bullets-8x50mm

HARD3423-Hardware-Wedge Anchor Bolt-8X100mm



HARD1877-Hardware-MS Nails-50mm



HARD1945-Hardware- SS Screws -Pan Head -6X32mm



HARD8268-Hardware-Anchor Bolt-Pin type-6x50mm

HARD2802-Hardware-SS Self-drilling screw-8x25mm-Box



STEL8273-Steel-SS Nut Bolts+ Washers-M12X100mm

SACP3298-Sanitary CP-Wall Hung WC Rack bolts

