

# TECHNICAL DATA SHEET ( SCREW AND WASHER )



## PRODUCT DESCRIPTION

Chipboard Screw with TORX head, full thread silver zinc coated and Galvanized washer. Screw and washer fastening set for the installation on supports. Chipboard screw and washer are self-tapping screws with a small screw diameter. It can be used for precision applications like the fastening of chipboards of varying densities. They have coarse threads to ensure the perfect sitting of the screw on the chipboard surface

## MATERIAL USED

Galvanized sheet for washer and Screw out of Steel grade

## DIMENSIONS OF SCREWS:

Sr. No.	Description	Material	Head Dia. (±0.1 mm)	Thread O.D. (±0.1 mm)	Length (±0.3 mm)
1	32 mm Washer	G.P. Sheet	32	4	0.6

## DIMENSIONS OF WASHER:

Sr. No.	Description	Material	O.D. (±0.1 mm)	I.D. (±0.1 mm)	Thickness (±0.05 mm)	Coating	Finish
1	32 mm Washer	G.P. Sheet	32	4	0.6	15 - 20 microns	Matte Grey

Chemical Composition	CAS No.	% Weight
■ Carbon	7440-44-0	0.20
■ Chromium	7440-47-3	0.020
■ Iron	7439-89-6	Balance
■ Manganese	7439-96-5	0.78
■ Phosphorus	7723-14-0	0.013
■ Silicon	7440-21-3	0.070
■ Sulphur	7704-34-9	0.005
■ Nickel	7440-02-0	0.001
■ Aluminium	7429-90-5	0.030
■ Copper	7440-50-8	0.000

## PHYSICAL PROPERTIES OF SCREW:

Densityg/cm<sup>3</sup> : 7.8

Hardness(HV5) : 348

## CHEMICAL PROPERTIES OF SCREW:

Chemical Composition	CAS No.	% Weight
■ Carbon	7440-44-0	0.020
■ Chromium	7440-47-3	0.016
■ Iron	7439-89-6	99.66
■ Manganese	7439-96-5	0.170
■ Phosphorus	7723-14-0	0.012
■ Silicon	7440-21-3	0.023
■ Sulphur	7704-34-9	0.006
■ Nickel	7440-02-0	0.008
■ Molybdenum	7439-98-7	0.003
■ Aluminium	7429-90-5	0.050
■ Cobalt	7440-48-4	0.002
■ Copper	7440-50-8	0.005
■ Titanium	7440-32-6	0.0003
■ Tungsten	7440-33-7	0.002
■ Tin	7440-31-5	0.0032
■ Nitrogen	7727-37-9	0.0116
■ Arsenic	7440-38-2	0.003
■ Lead	7439-92-1	0.001
■ Zinc	7440-66-6	0.0022
■ Calcium	7440-70-2	0.0009

## PHYSICAL PROPERTIES OF WASHER:

Densityg/cm<sup>3</sup> : 7.7

Hardness(HV5) : 180

## STORAGE RECOMMENDATION

Store in a cool well-ventilated place in original packing. Open packing while going to be used.

## NOTE

- SCREW AND WASHER is in compliance with substance of Very High Concern (SVHC) i.e. ≤ 0.1 %w/w as per the candidate list promulgated by the European Chemicals Agency (ECHA) which are defined in Article 57 of REACH Regulation (EC1907/2006) checked by Tuv-Nord Group.