

SELF DRILLING SCREW WITH EPDM BONDED WASHER

Sharp tek point can finish drilling , threading , fixing directly panel at a time with less effort and operating time

Application

- Roofing Panels
- Wall Pallets
- Thin Panels for building .
- Electronical equipments
- Furniture



Technical Data

Hex washer head with EPDM Bonded washer

Specification	Drill Point	Drill Capacity	Drilling Speed	Application
4.8-16X20	#1	1+1mm	2500R.P.M	Steel panel
6.3-14X20	#2	1+1mm	2500R.P.M	Steel panel
6.3-14X25	#3	6mm	2500R.P.M	Steel panel
5.5-14X25	#3	6mm	2500R.P.M	Steel panel
5.5-14X30	#3	6mm	2500R.P.M	Steel panel
5.5-24X25	#3	6mm	2500R.P.M	Steel panel
5.5-24X38	#5	12mm	2500R.P.M	Steel panel
5.5-24X50	#5	12mm	2500R.P.M	Steel panel
5.5-24X63	#3	6mm	2500R.P.M	Steel panel
5.5-24X75	#3	6mm	2500R.P.M	Steel panel



Drilling range for drill point

Gauge	Min	Max
#4	0.70	1.90
#6	0.70	2.25
#7	0.70	2.40
#8	1.75	3.00
#10	1.75	4.40
#12	1.75	5.25
#14	2.00	6.00

Unit :mm

Material : C1018 , C1022

Mechanical Property

1. Core hardness : HV240-450

2. Case hardness : HV 450-700

3. Case Depth : 0.1- 0.2 mm

4. Torque

Gauge	Kg/cm
#4	14
#6	28
#7	35
#8	48
#10	71
#12	94
#14	110

Remark : Given data only for reference .

Performance

Material : SS 410

Pull-out Strength

Unit:Kgf

Thickness Steel	Gauge				
	#6	#8	#10	#12	#14
1.2	137	154			
1.6	186	219	240		
2.3	250	405	421	467	452
3.2		583	633	659	805
4.5			915	920	940
6			520	988	1464

Torque Strength

Unit:Kgf

Gauge	#6	#8	#10	#12	#14
Value	41.2	76	144	186	235

Tensile Strength

Unit:Kgf

Gauge	#6	#8	#10	#12	#14
Value	689	986	1269	1663	2286

Shearing Strength

Unit:Kgf

Gauge	#6	#8	#10	#12	#14
Value	370	690	925	1110	1495

Note : Above tested just are average value , only for reference .

Feature

- ◆ High strength
- ◆ Perfect anti- rust performace , over 1000 hours salty sprey for RUSTPERT and DACROMAT
- ◆ High hardness , max hardness can be up to HV 800 .
- ◆ Water proof .
- ◆ High temperature reisistance and corrosion .

Installation Direction

- ★ A screwgun with a depth sensitive nose piece that be used to install drillers ,the screwgun should be a min of 4 amps and a RPM range from 0 to 2500c.
- ★ Adjust the screwgun nose piece to properly set the fastener .
- ★ Damaged bit tips should be replaced
- ★ The fastener is fully setted when the head is flush with the work surface .
- ★ The fastener have to penetrate beyond the metal structure a min of 3 picthes of threads .



Screwgun