

Bi-TEX

SCM435 Bi-metal SELF DRILLING SCREW

Why SCM435 alloy steel
instead of C1022 low carbon steel drill points?

	SCM435 dilling point	C1022 drilling point
HRB85 Steel Plate	Fast Drilling	Incapable
Stainless Steel Sheets	Fast Drilling	Incapable

In Comparison: **Bi-TEX gets the job done.**

Why induction heat treatment
instead of carburized heat treatment?

	Induction Heat Treatment	Carburized Heat Treatment
Impact on Stainless Body	Untouched. High anti-corrosive property	Fully Treated Reduced anti-corrosive property

In Comparison: **Bi-TEX is more anti-corrosive.**



300 series stainless steel

SCM435 alloy steel



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Drilling Test

SCM435

C1022

6mm steel plate
27kgs load / 2500rpm
#12 x 25, no.3 point

Time : 4.26S / 5.00S / 4.21S
Time AVG : 4.49S

Time : 4.19S / 5.29S / 3.29S
Time AVG : 4.26S

1+3mm stainless sheets
35kgs load / 1200rpm
#12 x 25, no.3 point

Time : 4.12S / 6.17S / 5.07S
Time AVG : 5.12S

Time : 12.15S / N/A / 10.12S
Time AVG : -----

Product Range

No.1 point
1+1mm



No.2 point
3mm



No.3 point
6mm



No.5 point
12mm



SCREW CHEMICAL COMPOSITIONS: %

Steel	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
SUS304	Max 0.08	Max 1.00	Max 2.00	Max 0.045	Max 0.030	8.00~10.00	18.00~20.00	-	-
SUS316	Max 0.03	Max 1.00	Max 2.00	Max 0.045	Max 0.030	10.00~14.00	16.00~18.00	2.00~3.00	3.00~4.00

Head Type



PAN



OVAL



H.W.H



H.W.F



NIBS



FLAT



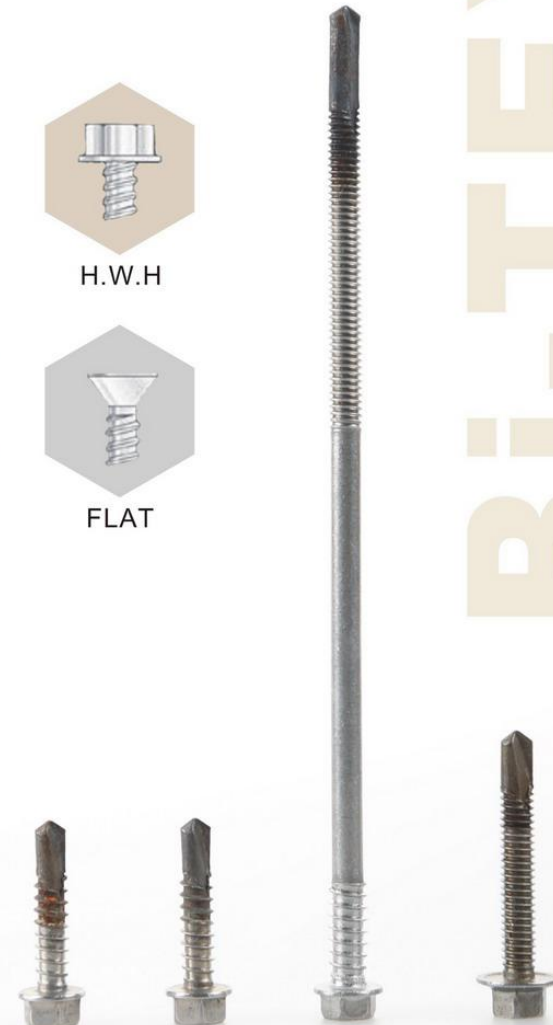
PANCAKE



TRUSS



WAFER



Recessed



Phillips



Quadrex



Square with slot



Square



Six lobes/torx

Bi-TEX