HIGH LEVEL CORROSION RESISTANT STAINLESS STEEL FUSED WITH HARDENED CARBON STEEL

ICCONS® Bi-metal screws combine the high level corrosion resistance of 300 series stainless steel and the drilling performance of carbon steel self-drilling screws.

Each **Bi-metal** screw has a hardened, self-drilling carbon steel drill point fused to the stainless steel shank.

ICCONS® Bi-metal screws are the perfect choice for coastal & industrial applications or if your job is exposed to chemicals.

Suitable applications:

- Roofing*
- Cladding *
- Fixing to Metal
- Fixing to aluminium

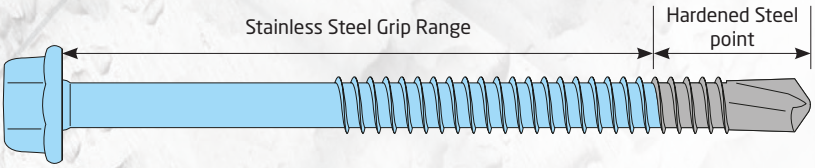
Suitable environments

- Coastal
- Industrial areas
- Aggressive environments
- Wet areas

* Consultation with manufacturer / Roll-formers for fastening recommendations is advised.

A2 304 SS Bi-metal

A2 302 SS Bi-metal



Performance Data

	Material	Gauge	TPI	Steel Grade G450 Thickness (mm)	Ultimate Average Tensile Pull-Out Load kN	Torsional Strength Nm	Axial Strength kN	Single Shear Strength kN
10 GAUGE								
	A2 / 304 /302 Bi-metal	8	18	1.5	1.0	4.4	4.5	4.6
	A2 / 304 /302 Bi-metal	10	16	1.5	1.5	5.1	6.0	5.3
	A2 / 304 / 302 Bi-metal	10	16	2.0	3.7	5.1	6.0	5.3
12 GAUGE								
	A2 / 304 Bi-metal	12	14	1.5	2.9	8.2	7.9	6.1
	A2 / 304 Bi-metal	12	14	2.5	5.8	8.2	7.9	6.1
	A2 / 304 Bi-metal	12	24	10.0	9.0	8.2	9.0	6.4
14 GAUGE								
	A2 / 304 Bi-metal	14	14	1.5	3.1	13.0	8.8	7.0
	A2 / 304 Bi-metal	14	14	2.5	6.0	13.0	8.8	7.0

Note: An appropriate safety factor must be applied to the above performance data

FULL OFFERING OF SELF DRILLING RANGE & GENERAL INFORMATION ON REVERSE

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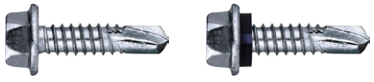
General Information

IC Find	Part Number	Description	Head	Base material thickness (mm)	Material Bi-Metal	S.S Grip range (mm)	Thread/ mm	qty	qty
									
402	SDPH0816SS	8-18 x 16 Self Drilling Pan Head	Pan / PH2	1.5 - 3.0	304SS	7.5	Full	1000	8000
403	SDPH0819SS	8-18 x 19 Self Drilling Pan Head	Pan / PH2	1.5 - 3.0	304SS	7.5	Full	1000	8000
404	SDPH0825SS	8-18 x 25 Self Drilling Pan Head	Pan / PH2	1.5 - 3.0	304SS	10.5	Full	1000	8000
									
380	SDWAC1025SS	10-16 x 25 Self Drilling Wafer Head	Wafer/ PH2	2.0 - 4.0	304 SS	14	Full	500	4000
		# SDS Countersunk & Countersunk wing screws are not recommended for fixing decking /strip flooring to steel. The screws may break if there is movement between the timber and the steel supports due to change in moisture content of the timber or movement caused by thermal expansion.							
386	SDSWG1050SS	10-16 x 50 Self Drilling Countersunk Wing	CSk PH2	2.0 - 4.0	302 SS	31	Full	1000	4000
									
390	SDMHC1238SS	12-14 x 38 Self Drilling Mush Head	Mush / SQ2	1.0 - 3.0	304SS	22.5	Full	250	4000
									
350	SDHXC1016SS	10-16 x 16 Self Drilling Hex Head	Hex 5/16"	2.0 - 4.0	304 SS	7.5	Full	250	4000
350W	SDHXC1016SSW	10-16 x 16 Self Drilling Hex Head with EPDM washer				7.5			
									
354	SDHXC1220SS	12-14 x 20 Self Drilling Hex Head	Hex 5/16"	3.0 - 6.0	304 SS	9.0	Full	250	4000
354W	SDHXC1220SSW	12-14 x 20 Self Drilling Hex Head with EPDM washer				9.0			
									
360	SDHXC14025SS	14-14 x 25 Self Drilling Hex Head	Hex 3/8"	1.5 - 6.0	304 SS	10.5	Full	500	1500
360W	SDHXC14025SSW	14-14 x 25 Self Drilling Hex Head with EPDM washer				10.5			
362	SDHXC14050SS	14-14 x 50 Self Drilling Hex Head	Hex 3/8"	1.5 - 6.0	304 SS	34.5	Full	1000	n/a
362W	SDHXC14050SSW	14-14 x 50 Self Drilling Hex Head with EPDM washer				34.5			
364	SDHXC14075SS	14-14 x 75 Self Drilling Hex Head	Hex 3/8"	1.5 - 6.0	304 SS	59.5	Full	500	n/a
364W	SDHXC14075SSW	14-14 x 75 Self Drilling Hex Head with EPDM washer				59.5			
									
448	SDHX5F12038SS	12-25 x 38 Self Drilling Hex Head	Hex 5/16"	6.0 - 12.0	304 SS	11.5	Full	500	1500
448W	SDHX5F12038SSW	12-25 x 38 Self Drilling Hex Head with EPDM washer				11.5			

SDS SCREWS

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