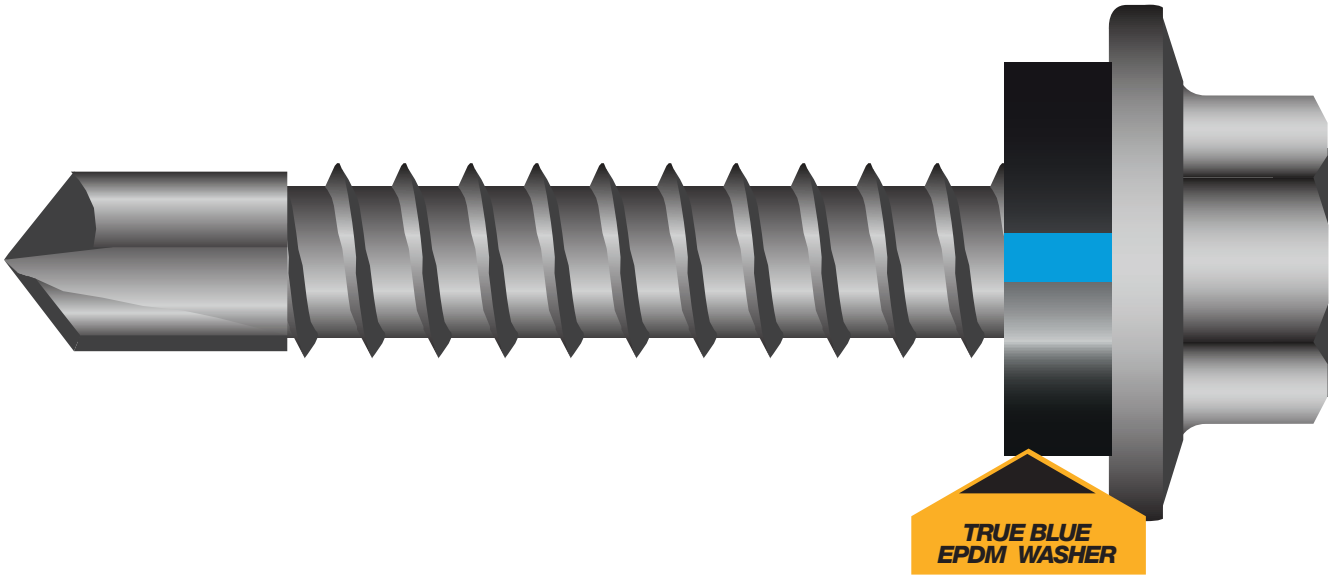
Product Data Sheet

HEXAGONAL HEAD

FULL THREAD

For general fastening to metal. With seal for roofing and cladding applications. Also available without seal for general fastening to metal.

Bremick Self Drilling Screws for metal are designed and manufactured to exceed the specified performance requirements of Australian Standard 3566 – Self drilling screws for the building and construction industries.



14-10 General Mechanical Properties

Fastener	Single Shear KN	Axial Tensile KN	Torsional Nm
14-10	11.1	20.3	20.8

14-10 Axial Withdrawal Forces

Mean Ultimate Pull Out Force KN – Steel							
Fastener SDM	1.0mm BMT G450	1.2mm BMT G450	1.5mm BMT G450	1.9mm BMT G450	2.4mm BMT G450	3.0mm BMT G450	4.0mm BMT G450
14-10	3.0	3.7	4.6	6.4	8.4	9.8	12.0

REVOLUTION B8™ COATING

CORROSION PROTECTION
Double the Corrosion PROTECTION of conventional Class 4.
Suitable for Very Severe corrosive environments (ISO 9223 Category 5).

WARRANTY
Fully warranted for ISO Category 5 Very Severe Environments.

DRILL DRIVE PERFORMANCE
28% Faster than conventional Class 4.

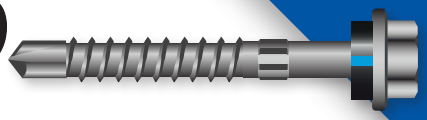
DURABILITY
Eight times tougher than conventional Class 4. Extremely abrasion resistant. Minimal coating loss during installation.

APPEARANCE
Smoother, finer & matched to ZINCALUME®

COMPATIBILITY
COLORBOND® Steel & Ultra Steel, ZINCALUME®, Steel, Galvanized & Zinc coated products, ACQ & CCQ treated timber.

CONFORMANCE
Exceeds AS 3566 Class 4.

HEXAGONAL HEAD



FULL THREAD

For general fastening to metal. With seal for roofing and cladding applications.
Also available without seal for general fastening to metal.

Product Description	Pack Qty	Product Code	Hex Driver
Hexagonal Head B8 14g-10x25mm with Seal	500	SMHC8140251	3/8

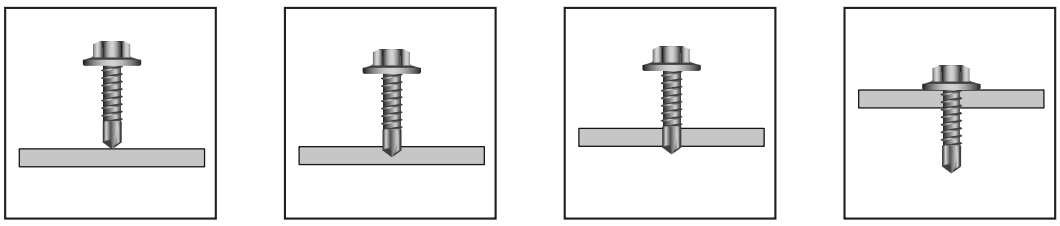
Other pack sizes available on request.

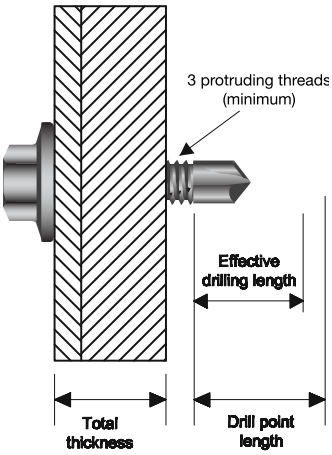
INSTALLATION RECOMMENDATIONS

For best results use a power screw driver with variable speed from 2000 to 2500 RPM.
The use of battery screw drivers will significantly decrease drilling speed.
Only use Bremick Drive Bits.

INSTALLATION STAGES

STAGE 1	STAGE 2	STAGE 3	STAGE 4
Drill point starts penetration. Drill speed, 2200 – 2500 rpm	Drill point penetrates through steel	Drill point must clear steel prior to thread engagement	Screw taps threads into steel drawing materials together to generate the clamping force.





TECHNICAL CONFORMANCE

General requirements – Mechanical properties to Australian Standard AS 3566 – 2002 PART 1

Surface Hardness*	Core Hardness*	Case Depth*	Ductility*	Dimensions	Material Grade
AS 3566.1 CL 1.11.1	AS 3566.1 CL 1.11.12	AS 3566.1 CL 1.11.13	AS 3566.1 CL 1.11.4	AS 3566.1	AS3566.1 CL 1.5

General requirements – Performance to Australian Standard AS 3566 – 2002 PART 1

Drill Drive Capacity	Drill Drive Speed	Torsional Strength	Holding Strength	Tensile Strength	Shear Strength
AS3566.1 CL 2.8.1 AS3566.1 CL 3.6.1	AS3566.1 CL 2.8.1 APPENDIX C	AS3566.1 CL 2.7 AS3566.1 CL 3.5	AS3566.1 CL 2.8.2 AS3566.1 CL 3.6.2	BREMICK SPECIFICATION	BREMICK SPECIFICATION