

# HEXAGONAL HEAD

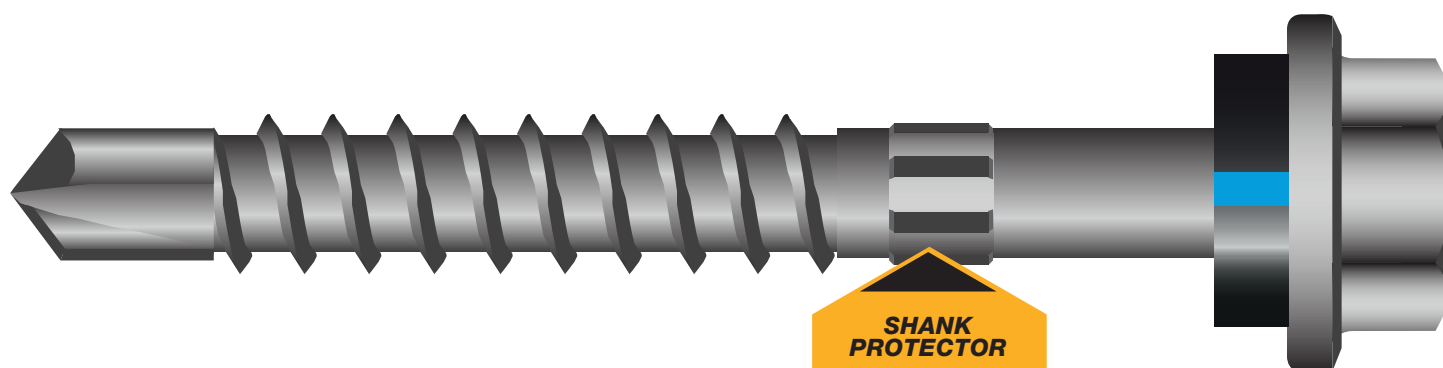
## PART THREAD

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.

### Suitable for use with:

Square rib & Corrugated sheeting eg. Trimdek® & Spandek® & custom orb.



### 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



#### 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.

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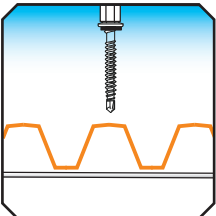
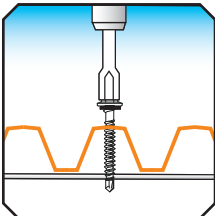
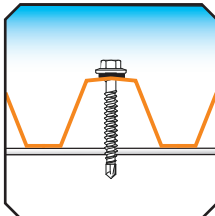
Product Description	Pack Qty	Product Code	Hex Driver
Hexagonal Head B8 14g-10x50mm with Seal	1000	SMHC8140501	3/8
Hexagonal Head B8 14g-10x75mm with Seal	500	SMHC8140751	3/8

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

1. Position	2. Drill	3. Set
Fit screw head into drive socket and locate screw point at centre of sheet rib.	With a power screw driver commence drilling at "slow speed" to pierce sheeting.	Maintaining a firm down pressure increase the drive speed to penetrate the base material.
		

## 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