

Product Code Guide	Designator	Thread	Colour
	BW	24	G

## Key Features

- The DSI Underground Anti-Friction Washer was developed to reduce friction between the nut and the dome ball. This, in turn, allows for more efficient pre-loading of the bolt.
- The introduction of colour coded Anti-Friction washers is due to the need to adequately identify rock bolt lengths, especially for mines using various bolt lengths.
- The increased diameter of washers is to facilitate ease of identification.
- A white washer is available for bolts outside the standard range of bolts.
- DSI Underground Anti-Friction washers are to be treated as part of a complete DSI Underground bolt assembly, substitution of any component in the assembly may affect the results provided by DSI Underground.
- It is important that correct rock bolting installation techniques are applied to prevent excessive friction between rock bolt components occurring.
- DSI Underground Anti-Friction washers are primarily polyethylene which has a flash point temperature of 380°C.



**Orange:**  
Suit 1.225 to 1.500[m] bolts.



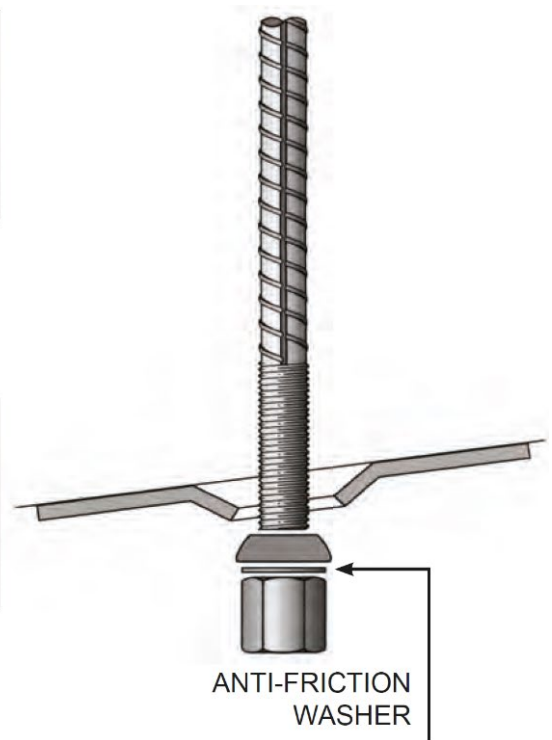
**Red:**  
Suit 1.525 to 1.800[m] bolts.



**Green:**  
Suit 1.825 to 2.100[m] bolts.



**Yellow:**  
Suit 2.125 to 2.400[m] bolts.



## Key Features Cont.

- DSI Underground friction washers can be supplied in fire retardant nylon (BWR) or Teflon.
- Customers considering Teflon washers are advised to seek assistance from a DSI Underground technical service representative, to compare the many factors affecting bolting performance or various washers.

## Notes

- Australian Innovation Patent No. 2004100227.
- The DSI Underground Anti-Friction Washer is available for all DSI Underground resin bolts.
- DSI Underground is Quality Assured to ISO 9001:2015

## Product Accessories Examples

- DSI Underground manufactures a comprehensive range of products specifically designed for this range of washer.

Typically, Products used are:

	Products		
Product Group	Plates	Plates	Bolts
Product Imagery			
Product Code Prefix	OCP	STP	AKH

## Phone APP

- Want to know more; our full product range, knowledge centre, and other details are available via the App; available on iOS and Android devices by searching “DSI Underground”.



iOS



Android