



# PRODUCT DATA SHEET 10.23



6138NK

**NTA RUBBER  
DROP-IN ANCHOR**

M16

## DEFINING FEATURES

- Resuable expansion anchor
- Robust and easy to use
- Unique Integral Washer

### CONFORMITY:

Designed in accordance with  
NASC TG20:21 & TG4,  
BS EN 12811/1 BS EN 12810 &  
BS 8539.



## FIRST FOR SAFETY

# ORDERING INFORMATION

PART NO	DIAMETER	LENGTH	SWL	PACK QUANTITY	BOLT WEIGHT
AF-6138NK	16mm	95mm	6.2kN	10	130g

## OFTEN PURCHASED WITH:



AF-6140



PT-4768



AF-6116



AF-6143



PT-4001

## SIMILAR PRODUCTS:



AF-6141



AF-6144/AF-6144W

## SUITABLE INDUSTRIES



SCAFFOLDING



OIL & GAS



CONSTRUCTION



ROOFING



BRICKWORK



DEMOLITION



TRANSPORTATION



MAINTENANCE



STADIUM & EVENTS



TV & FILM



MUSIC & STAGE

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# ADDITIONAL INFORMATION

This new design incorporates a unique integral washer effect to help prevent damage to the face of masonry and ensure correct positioning of anchor.

Suitable for concrete and solid bricks. Not recommended for perforated bricks.

- The following information is provided in good faith and considered correct at time of publication
- Standard safety procedures must be observed at all times
- This data and method statement must be used with the products with which it was supplied

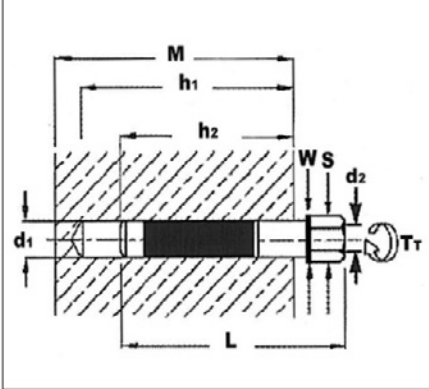
## LOADING

The NTA Anchor is designed for use in accordance with NASC TG20:21 & TG4, BS EN 12811/1, BS EN12810 & BS 8539. Safe working load of 6.2KN. Tests will almost certainly be needed in any masonry to determine 'allowable load'

## EQUIPMENT REQUIRED

Rotary Hammer Drill  
20mm Ø drill bit  
Blow pump or compressed air  
Hammer/mallet  
21mm scaffold spanner/ratchet

### INSTALLATION DETAILS



Details		NTA
d1	(mm)	Diameter of hole
d2		Internal thread
h1	(mm)	Max. Hole depth
h2	(mm)	Installation depth (min)
h3	(mm)	Installation depth (max)
L	(mm)	Anchor length
Tt	(Nm)	Tightening torque
S	(mm)	Spanner size (width across flats)
I	(mm)	Integral washer outside diameter
		Loose washer (accessory) OD diameter
M	(mm)	Min. Base Material Thickness
		Drill bit required 20mm
		Rotary Hammer drill

**Do not use outside a temperature of  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .**

**Do not allow the chloroprene element to have contact with any type of degreasing agents.**

### INSTALLATION PROCEDURE (careful compliance is essential to the Anchor's performance)

- 1 Mark fixing position and drill the hole to correct diameter and depth as per above
- 2 Clean the hole thoroughly of any debris and dust using an air pump or compressed air
- 3 Slightly expand the NTA Anchor, by holding the expansion element and rotating the hex 2-3 times so that it give a slight interference fit. Insert the Anchor into the hole.
- 4 Gently tapping it home with a hammer if required. Excessive force will result in damage and failure.
- 5 Tighten to the correct torque with either a torque wrench or 3 to 4 turns of a scaffold spanner. (Test the NTA Anchor to SWL 6.2KN)
- 6 Install the M16 Scaffolding ringbolt/roller tie or studding as per instructions.

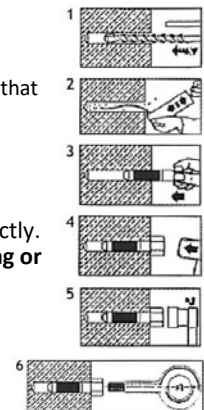
It is quite normal for there still to be some lateral movement of the bolt head when installed correctly.

**Do not apply a load on the Anchor when there is any evidence of the masonry/brickwork cracking or splitting**

**The anchor should not be subjected to lateral loading.**

**Anchors should be allowed to relax before actually extracting out the wall.**

**Anchors should be inspected after every use.**



# FIRST FOR QUALITY