



# **FORTRESS<sup>®</sup>**

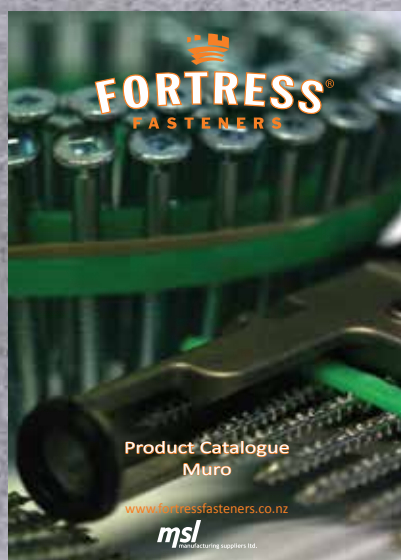
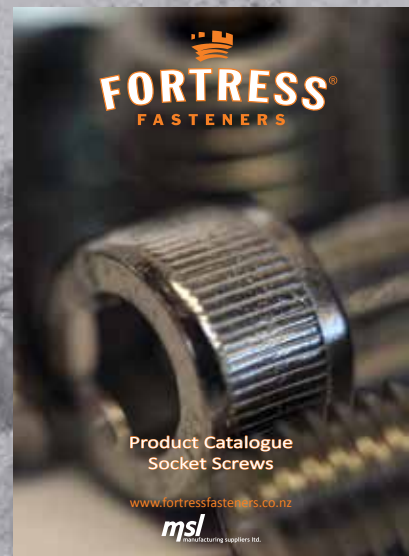
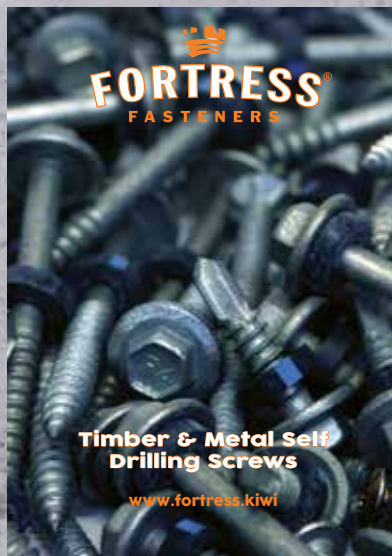
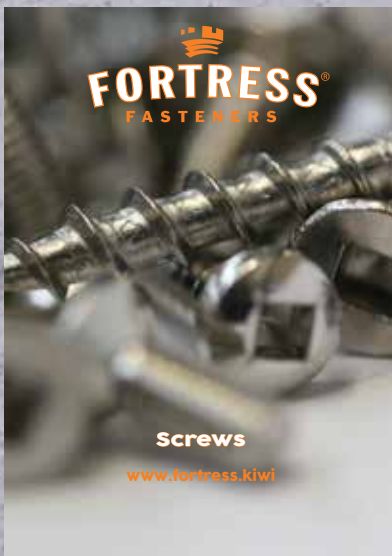
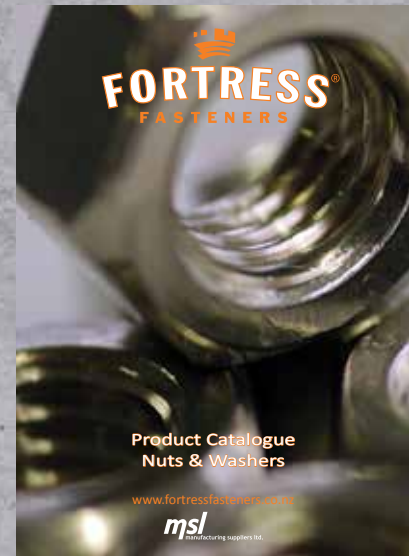
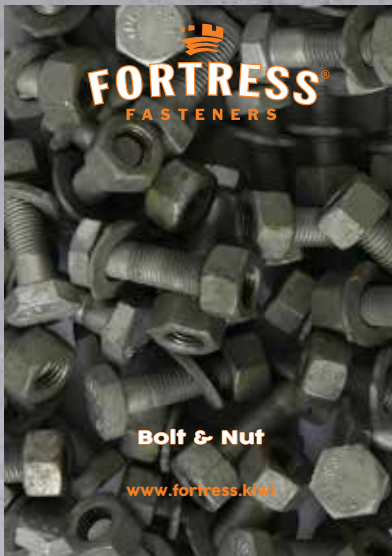
**FASTENERS**

**Construction Range 2016**

**[www.fortress.kiwi](http://www.fortress.kiwi)**



# Fortress Catalogues Now Available







Manufacturing Suppliers Ltd (MSL) began business in 1980 as a small operation in New Lynn, Auckland and is now one of New Zealand's leading fastener suppliers. We have grown dramatically in the past thirty years and now employ over one hundred people who continue our company vision - to meet industry demands for a range of quality fasteners backed by a dependable service.

Now a wholly owned subsidiary of Steel & Tube Holdings Ltd, we take pride in supporting the New Zealand economy, and can now offer a full range of steel solutions in partnership with Steel & Tube.

Our substantial growth since the eighties has included the introduction of 9 branches nationwide. Fortress has developed into a household name across many kiwi industries. Our local management means we understand the local market and have the ability to make decisions rapidly and easily. Large enough to meet the demands of any customer, we are still small enough to offer the personal touch.

With our network of fully-stocked branches carrying over 300 million items and 17,000 product lines. This makes us arguably the largest fastening wholesaler in the country. Our new products, creative packaging and merchandising initiatives have also earned us a reputation as industry innovators.

We owe our success to our ability to deliver on time and in full to a wide customer base in manufacturing industries, the building trade and to building supplies merchants in New Zealand.

This, combined with the strength of our own Fortress brand and our exceptional customer service is what makes MSL a market leader.

Our national management means we understand the local market and have the ability to make decisions rapidly and easily. Large enough to meet the demands of any customer, we are still small enough to offer the personal touch.

# Branch Network

## Auckland (Head Office)

560 Rosebank Road, Avondale  
Phone 09 828 2777  
Fax 09 828 2424

## Albany

Unit 4, 4 William Pickering Drive  
Phone 09 414 7620  
Fax 09 414 7410

## Hamilton

51 Vickery Street, Te Rapa  
Phone 07 850 8434  
Fax 07 850 5696

## Mount Maunganui

7 Newton Street  
Phone 07 575 0508  
Fax 07 575 0557

## Hastings

199 St. Aubyn Street West  
Phone 06 873 3311  
Fax 06 873 3315

## New Plymouth

25 Hurlstone Drive, Waiwhakaiho  
Phone 06 8248950 or 06 8248951  
Fax 06 7574391

## Palmerston North

94 Kaimanawa Street  
Phone 06 355 5990  
Fax 06 355 5880

## Wellington

6 Regent Street, Petone  
Phone 04 586 2300  
Fax 04 586 2600

## Christchurch

66 Hammersmith Drive, Sockburn  
Phone 03 343 6740  
Fax 03 343 6741



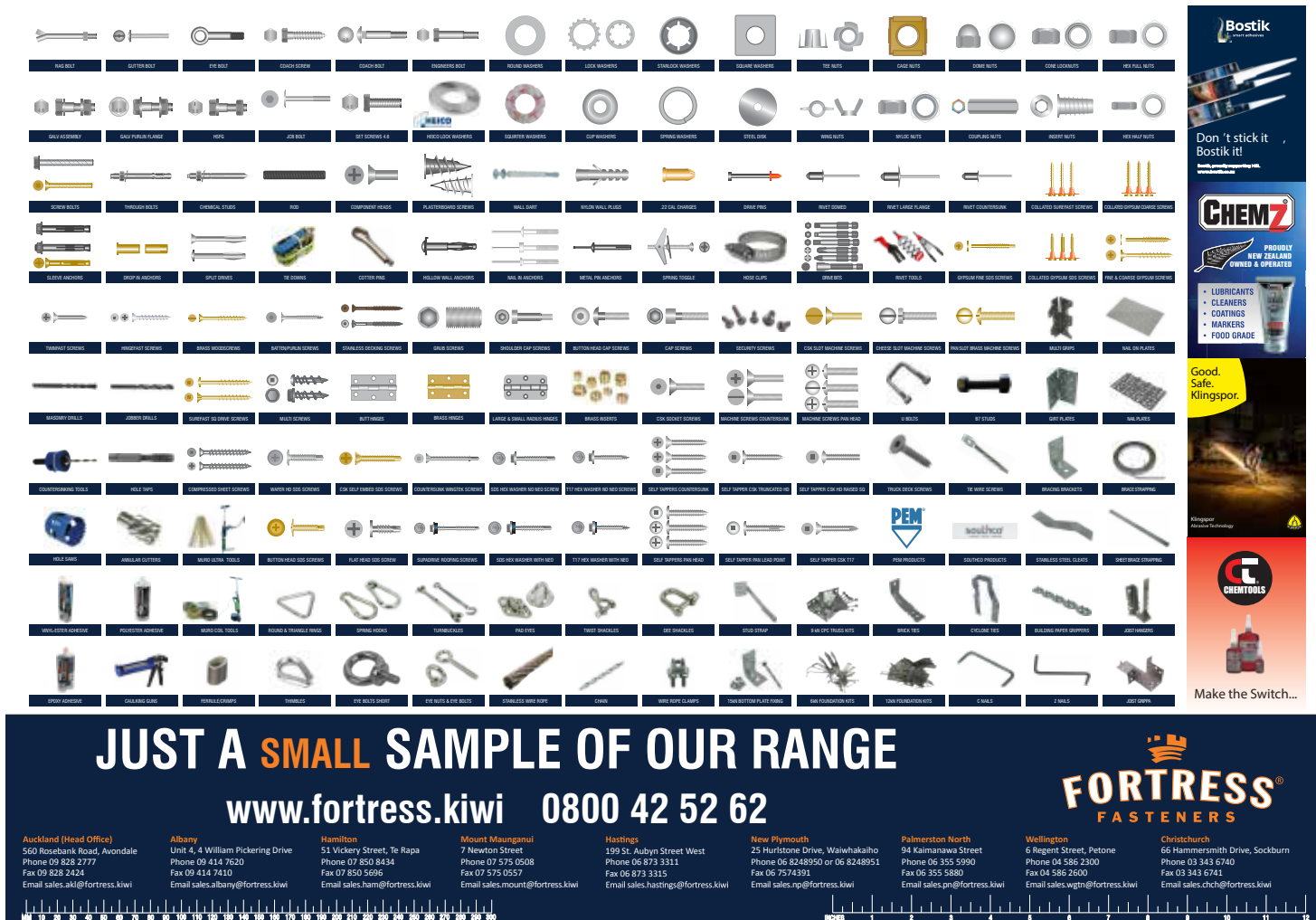


# Construction Range

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	Drop in Anchors		
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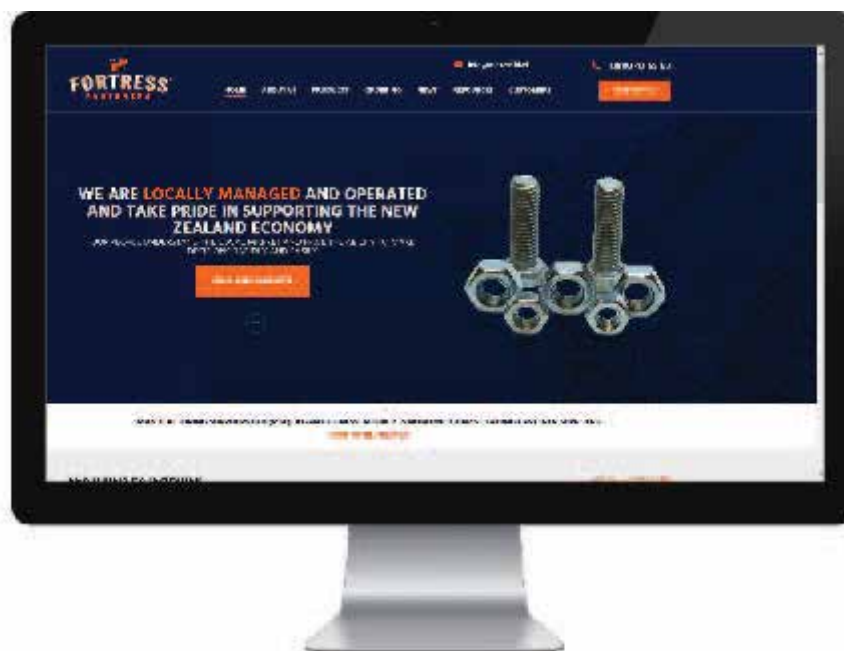
# New Wall Chart Available!



Download now at  
**[www.fortress.kiwi](http://www.fortress.kiwi)**



# Brand New Fortress Website



**Online Ordering!**  
**Search and view range.**  
**View pricing.**  
**View and download technical information.**  
**Keep up to date with industry developments.**



# Durability Icon Legend



**Zinc - Internal use**



**Zinc Chromate - Internal use**



**Class 4 - External use**



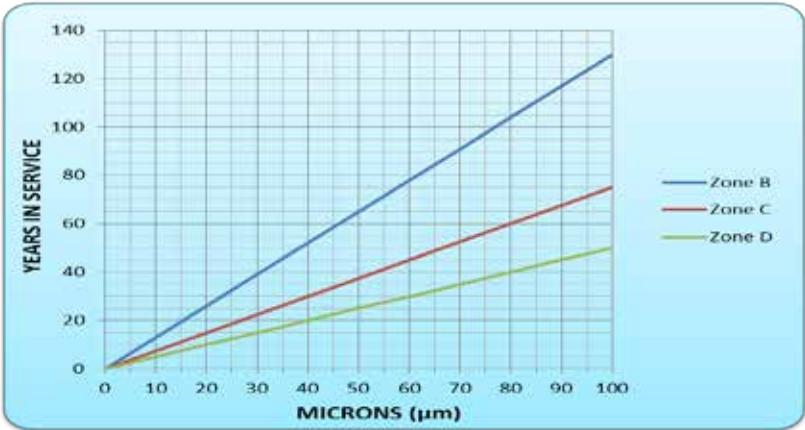
**Galvanised - External use**



**T304 Stainless Steel - External use**



**T316 Stainless Steel - External and Marine use**



Category	Coating Type	Coating Thickness (µm)	Standard
CLASS: 1	Electro Plated Zinc	4	AS 1791
CLASS: 2	Electro Plated Zinc	12	AS 1791
CLASS: 2	Mechanically Plated Zinc	17	AS 1791
CLASS: 3	Electro Plated Zinc	30	AS 1791
CLASS: 3	Mechanically Plated Zinc	40	AS 1791
CLASS: 3	Hot Dipped Galvanised	30	AS 1791
CLASS: 4	Mechanically Plated Zinc	45	AS 1791
CLASS: 4	Hot Dipped Galvanised	50	AS 1791
HDG	Hot Dipped Galvanised	84	AS 1214 / AS 4680

### Exposure Zone Descriptions

#### Zone B: Low

Inland areas with little risk from wind blown sea-spray salt deposits.

#### Zone C: Medium

Inland costal areas with medium risk from wind blown sea-spray salt deposits. This covers mainly coastal areas with relatively low salinity. The extent of the affected area varies significantly with factors such as winds, topography and vegetation.

#### Zone D: High

Coastal areas with high risk of wind blown sea-spray deposits. This is defined as within 500m of the sea including harbours or 100m from tidal estuaries and sheltered inlets. This also includes all offshore islands.



# Icon Legend



**Drill Diameter**



**Embedment Depth**



**Material Thickness**



**Pack Size**



**Bulk Size**



**Driver Type and Size**



**Hex Drive Size**



**Across Face Head Width**

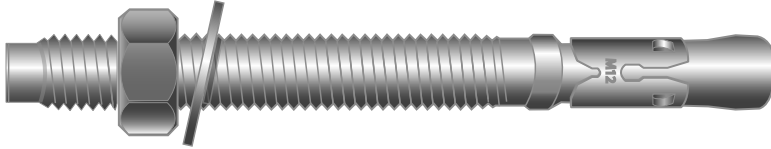


**Screw Gauge (size)**

# Throughbolt Anchor

Galvanised Class 4.6

Stainless Steel T316



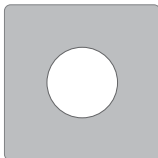
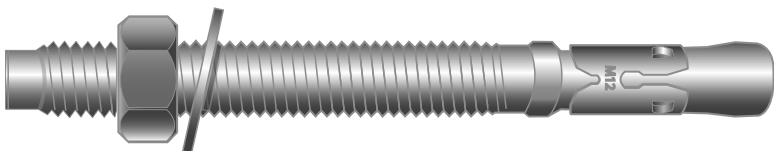
PART #		SIZE	DRILL Ø	ED(mm)	MT(mm)	PACK QTY
	CFTBX655	6 X 55mm	6	40	8	25
	CFTBX675	6 x 75mm	6	50	12	25
	CFTBX6100	6 x 100mm	6	55	25	25
CFTBG865	CFTBX865	8 x65mm	8	45	10	25
CFTBG885	CFTBX885	8 x 85mm	8	55	15	25
CFTBG1050	CFTBX1050	10 x 50mm	10	35	8	25
CFTBG1060	CFTBX1060	10 x 60mm	10	42	10	25
CFTBG1075	CFTBX1075	10 x 75mm	10	50	12	25
	CFTBX1090	10 x 90mm	10	60	17	25
CFTBG10100	CFTBX10100	10 x 100mm	10	60	25	25
CFTBG10125	CFTBX10125	10 x 125mm	10	60	30	25
CFTBG1280	CFTBX1280	12 x 80mm	12	60	5	25
CFTBG12100	CFTBX12100	12 x 100mm	12	60	25	25
CFTBG12120	CFTBX12120	12 x 120mm	12	60	40	25
CFTBG12135	CFTBX12135	12 x 135mm	12	80	45	25
CFTBG12180	CFTBX12180	12 x 180mm	12	80	85	10
CFTBG16105	CFTBX16105	16 x 105mm	16	80	5	10
CFTBG16125	CFTBX16125	16 x 125mm	16	100	10	10
CFTBG16140	CFTBX16140	16 x 140mm	16	100	20	10
CFTBG16180	CFTBX16180	16 x 180mm	16	100	60	10
CFTBG20125	CFTBX20120	20 x 120mm	20	100	5	10
CFTBG20160	CFTBX20160	20 x 160mm	20	120	20	10
CFTBG20200		20 x 200mm	20	120	60	10



# Throughbolt Anchor

Galvanised Class 4.6

## Bottom Plate Anchor Packs

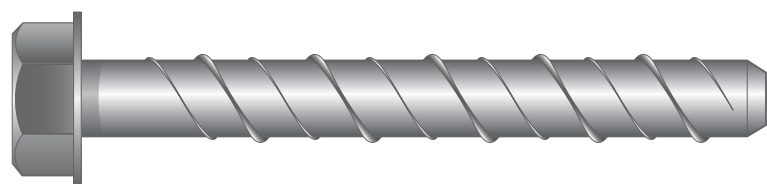


PART #	SIZE	DRILL Ø	ED(mm)	MT(mm)	PACK QTY
CFTBG12100B25	12 X 100mm	12	60	25	25
CFTBG12120B25	12 x 120mm	12	60	25	25
CFTBG12135B25	12 x 135mm	12	80	45	25
CFTBG12135B50	12 x 135mm	12	80	45	50



# Screwbolt Anchor Hex Head Flanged

Galvanised Case Hardened    Stainless Steel T316



PART #	SIZE	DRILL Ø	MT mm	AF mm	PACK QTY
CFSBH650G	6 X 50mm	6	20	10	25
CFSBH675G	6 x 75mm	6	45		25
CFSBH6100G	6 x 100mm	6	55		25
CFSBH860G	8 x 60mm	8	20	13	25
CFSBH875G	8 x 75mm	8	35		25
CFSBH8100G	8 x 100mm	8	60		25
CFSBH8125G	8 x 125mm	8	60		25
CFSBH1060G	10 x 60mm	10	10	15	25
CFSBH1075G	10 x 75mm	10	25		25
CFSBH10100G	10 x 100mm	10	50		25
CFSBH10127G	10 x 127mm	10	75		25
CFSBH1275G	12 x 75mm	10	15	16	25
CFSBH12100G	12 x 100mm	10	40		25
CFSBH12150G	12 x 150mm	12	90		25
CFSBH12200G	12 x 200mm	12	100		10
CFSBH16100G	16 x 100mm	12	20	21	10
CFSBH16150G	16 x 150mm	12	70		10



# 10 x 127 Screwbolt

## Designed for easy bottom plate fixing

**APPLICATIONS:**

The M10 x 127mm Fortress Screw Bolt was specifically designed for bottom plate fixing and bracing elements. Used to resist earthquake and wind loads on timber frame buildings designed in accordance with (and exceeding) NZS 3604.

New Zealand standard NZS 3604:2011 requirements of 7kN pull up and BRANZ 15kN recommended pull up strength are both exceeded by the Fortress 10 x 127mm Screw Bolt.

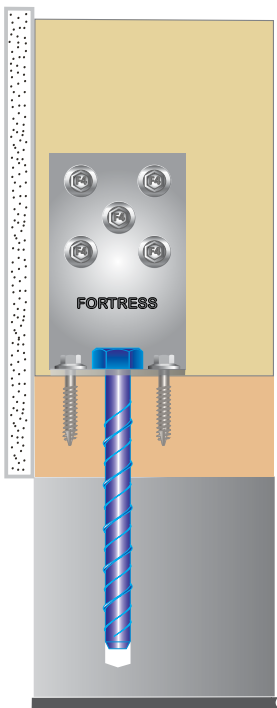
Install referencing NZS 3604:2011 - 900mm spacing for the majority of installation and installation in accordance with the national standards.

Quality Galvanised finish.

127mm drill depth + diameter and a half (15mm) = 142mm

Bottom plate 45-47mm + 3mm Bracket + Concrete 100mm = 150mm

The unique Fortress 10 x 127mm Screw bolt will not penetrate the slab, preventing moisture seepage and corrosion.



SCREW BOLT GALVANISED -		
Description	Product Code	Pack Qty
10 x 127mm	CFSBH10127G	25

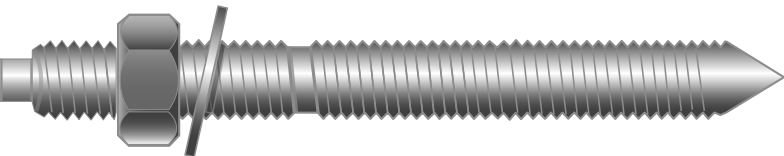


# Chemical Stud Anchor

Galvanised

Stainless Steel T316

Zinc Chromate Class 4.6



PART #			SIZE	DRILL Ø	MT(mm)	PACK QTY
CFCSG10160	CFCSX10160	CFCSZ10130	10 X 130mm	12	28	10
CFCSG12160	CFCSX12160	CFCSZ12160	12 x 160mm	14	36	10
CFCSG16190	CFCSX16190	CFCSZ16190	16 x 190mm	18	42	10
CFCSG20260	CFCSX20260	CFCSZ20260	20 x 260mm	22	72	10
CFCSG24300	CFCSX24300	CFCSX24300	24 x 300mm	26	66	10

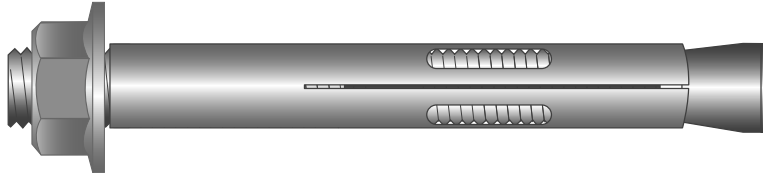


# Sleeve Anchor Hex Head Flanged

Galvanised

Stainless Steel T316

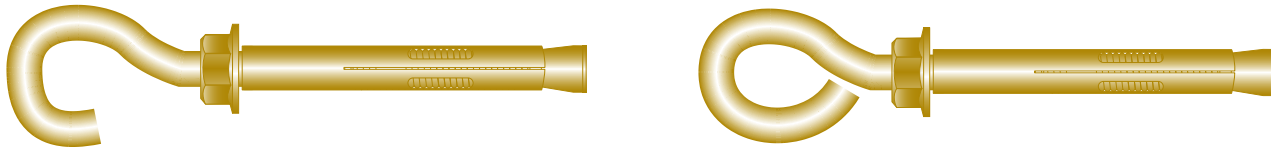
Zinc Chromate



PART #			SIZE	DRILL Ø	ED(mm)	MT(mm)	PACK QTY
		CFSAZ6520	6.5 X 20mm	6.5	15	5	25
		CFSAZ6525	6.5 x 25mm	6.5	20	5	25
	CFSAX6535	CFSAZ6536	6.5 x 35mm	6.5	30	5	25
	CFSAX6555	CFSAZ6555	6.5 x 55mm	6.5	30	25	25
	CFSAX6575	CFSAZ6575	6.5 x 75mm	6.5	30	45	25
CFSAG840	CFSAX840	CFSAZ840	8 x 40mm	8	35	5	25
CFSAG865	CFSAX865	CFSAZ865	8 x 65mm	8	35	30	25
		CFSAZ885	8 x 85mm	8	35	50	25
		CFSAZ1040	10 x 40mm	10	34	6	25
CFSAG1050	CFSAX1050	CFSAZ1050	10 x 50mm	10	40	10	25
CFSAG1060		CFSAZ1060	10 x 60mm	10	40	20	25
CFSAG1075	CFSAX1075	CFSAZ1075	10 x 75mm	10	40	35	25
CFSAG1095	CFSAX1095	CFSAZ1095	10 x 95mm	10	40	55	25
		CFSAZ10125	10 x 125mm	10	40	85	25
CFSAG1260	CFSAX1260	CFSAZ1260	12 x 60mm	12	50	10	25
CFSAG1275	CFSAX1275	CFSAZ1275	12 x 75mm	12	50	25	25
CFSAG12100	CFSAX12100	CFSAZ12100	12 x 100mm	12	50	50	25
CFSAG12130		CFSAZ12130	12 x 130mm	12	50	80	25
CFSAG1665		CFSAZ1665	16 x 65mm	16	55	10	25
		CFSAZ16110	16 x 110mm	16	55	55	25
		CFSAZ16145	16 x 145mm	16	55	90	25
CFSAG2075		CFSAZ2075	20 x 75mm	20	60	15	25
		CFSAZ20105	20 x 105mm	20	60	45	25
		CFSAZ20150	20 x 150mm	20	60	90	25

# Sleeve Anchor Hook & Eye Bolt

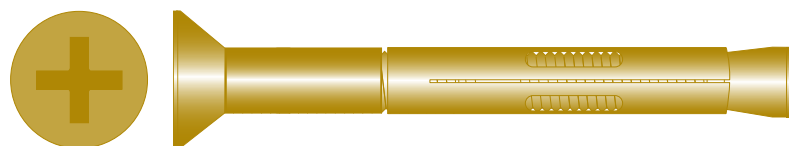
Zinc Chromate



PART #	SIZE	DRILL Ø	ED mm	PACK QTY
CFSAHB845	8 X 45mm	8	45	25
CFSAE845	8 X 45MM	8	45	25

# Sleeve Anchor counter Sunk Head

Zinc Chromate



PART #	SIZE	DRILL Ø	MT mm	ED mm	PACK QTY
CFSAC6536	6.5 X 36mm	6.5	5	30	25
CFSAC6555	6.5 x 55mm	6.5	25	30	25
CFSAC6575	6.5 x 75mm	6.5	45	30	25
CFSAC65100	6.5 x 100mm	8	70	30	25
CFSAC860	8 x 60mm	8	25	35	25
CFSAC885	8 x 85mm	8	50	35	25
CFSAC8100	8 x 100mm	8	60	40	25
CFSAC1075	10 x 75mm	10	35	40	25
CFSAC10100	10 x 100mm	12	60	40z	25
CFSAC10120	10 x 120mm	12	80	40	25



# Masonry Nails with/without Washer

Carbon Steel Zinc Plated



Zinc

Zinc



PART #		SIZE	PACK QTY
CFMNA325	CFMNA325	3 X 25mm	200
CFMNA330	CFMNA330	3 x 30mm	200
CFMNA340	CFMNA340	3 x 40mm	200
CFMNA350		3 x 50mm	200
CFMNA425		4 x 25mm	200
CFMNA430		4 x 30mm	200
CFMNA440		4 x 40mm	200
CFMNA450		4 x 50mm	200
CFMNA465		4 x 65mm	200
CFMNA475		4 x 75mm	100
CFMNA4100		4 x 100mm	100

# Drop in Anchor Lipped/Non Lipped

Stainless Steel T316

Zinc Chromate



T316

Z/C

Z/C

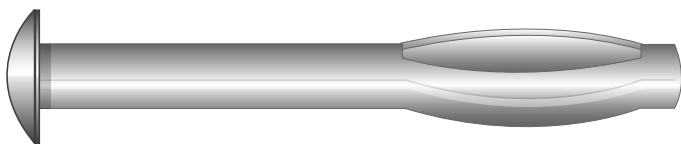
Lipped



PART #			SIZE	DRILL Ø	ED mm	Int TD	PACK QTY
CFWAX6	CFWAZ6	CFWALM6	M6 X 25	8	27	M6	100
CFWAX8	CFWAZ8		M8 X 30	10	32	M8	100
CFWAX10	CFWAZ10	CFWALM10	M10 X 40	12	42	M10	100
CFWAX12	CFWAZ12		M12 X 50	14	52	M12	100
CFWAX16	CFWAZ16		M16 X 65	18	67	M16	100

# Split Drive Anchor Mushroom Head

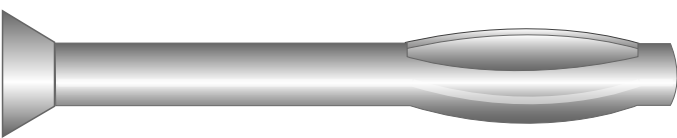
Carbon Steel Zinc Plated      **Stainless Steel T316**



PART #		SIZE	DRILL Ø	MT(mm)	PACK QTY
CFSPM525	CFSPMX525	5 X 25mm	5	3	100
CFSPM532	CFSPMX532	5 X 32mm	5	10	100
CFSPM538	CFSPMX538	5 X 38mm	5	6	100
CFSPM550	CFSPMX550	5 X 50mm	5	19	100
CFSPM575		5 x 75mm	5	44	100
CFSPM6532		6.5 X 32mm	6.5	19	100
CFSPM6538	CFSPMX6538	6.5 X 38mm	6.5	6	100
CFSPM6550	CFSPMX6550	6.5 X 50mm	6.5	19	100
CFSPM6563		6.5 x 63mm	6.5	32	100
CFSPM6575	CFSPMX6575	6.5 x 75mm	6.5	44	100
CFSPM65100		6.5x 100mm	6.5	68	100

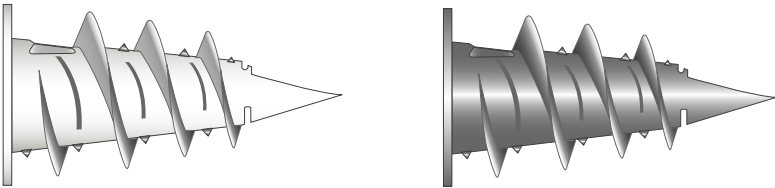
# Split Drive Anchor countersunk

Carbon Steel Zinc Plated



PART #	SIZE	DRILL Ø	MT	PACK QTY
CFSPF560	5 X 60mm	5	28	100
CFSPF565	5 X 65mm	5	33	100
CFSPF575	5 X 75mm	5	43	100
CFSPF5100	5 X 100mm	5	68	100
CFSPF6538	6.5 X 38mm	6.5	6	100
CFSPF6550	6.5 X 50mm	6.5	18	100
CFSPF6564	6.5 X 64mm	6.5	33	100
CFSPF6575	6.5 X 75mm	6.5	43	100
CFSPF65100	6.5 x 100mm	6.5	68	100

# Plaster Board Screws Nylon/Metal



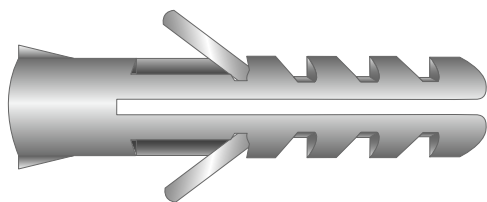
Nylon

Zinc



PART #	SIZE	Screw mm	PACK QTY
NYLON - CFAIPN	METAL - CFZIPM	6G-8G	100

# Nylon Wall Plugs grey



Nylon



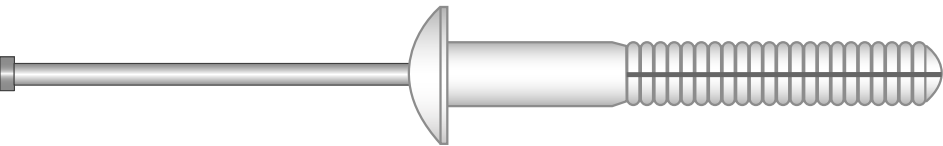
PART #	SIZE	DRILL Ø	ED mm	Screw mm	PACK QTY
CFNYP525	5 x 25mm	5	25	3.0-3.5	100
CFNYP630	6 x 30mm	6	30	3.5-4.5	100
CFNYP738	7 x 38mm	7	38	4.5-5.5	100
CFNYP840	8 x 40mm	8	40	5.0-6.0	100
CFNYP1050	10 x 50mm	10	50	6.0-7.5	100



# Nail in Anchor Mushroom Head

Carbon Steel Zinc Plated Pin

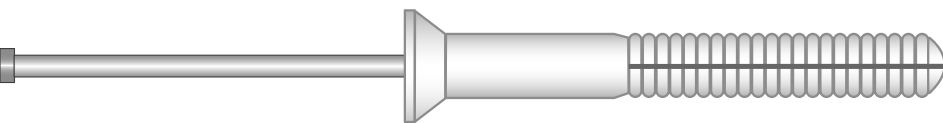
Stainless Steel T3O4 Pin



PART #		SIZE	DRILL Ø	MT(mm)	PACK QTY
CFNIAM525		5 x 25mm	5	6.5	100
CFNIAM6525	CFNIAMX6525	6.5 x 25mm	6.5	6.5	100
CFNIAM6538		6.5 x 38mm	6.5	19	100
CFNIAM6550		6.5 x 50mm	6.5	21	100
CFNIAM6575		6.5 x 75mm	6.5	50	100

# Nail in Anchor countersunk Head

Carbon Steel Zinc Plated Pin

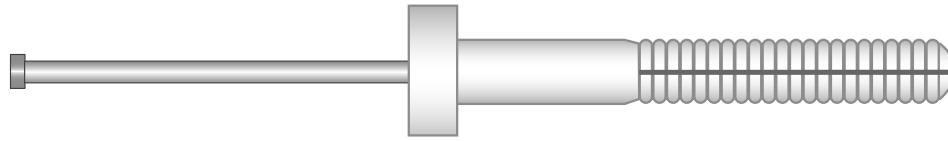


PART #	SIZE	DRILL Ø	MT(mm)	PACK QTY
CFNIAC525	5 x 25mm	5	6.5	100
CFNIAC6525	6.5 x 25mm	6.5	6.5	100
CFNIAC6538	6.5 x 38mm	6.5	19	100
CFNIAC6550	6.5 x 50mm	6.5	21	100
CFNIAC6575	6.5 x 75mm	6.5	50	100

# Nail in Anchor Round Head

Carbon Steel Zinc Plated Pin

Stainless Steel T304 Pin



Zinc

T304



PART #		SIZE	DRILL Ø	MT(mm)	PACK QTY
CFNIAR525	CFNIARX525	5 x 25mm	5	6.5	100
CFNIAR6525	CFNIARX6525	6.5 x 25mm	6.5	6.5	100
CFNIAR6538	CFNIARX6538	6.5 x 38mm	6.5	19	100
CFNIAR6550		6.5 x 50mm	6.5	21	100
CFNIAR6575		6.5 x 75mm	6.5	50	100

# Metal Pin Anchor

Carbon Steel Zinc Plated Pin



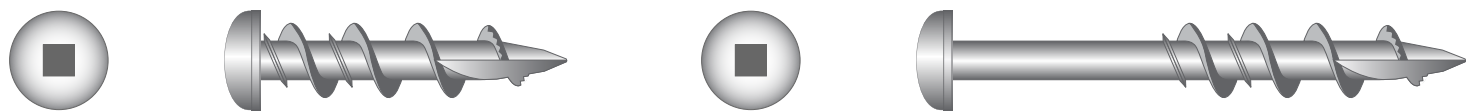
Zinc



PART #	SIZE	DRILL Ø	MT(mm)	PACK QTY
CFMPA522	5 x 25mm	5	6.5	100
CFMPA6525	6.5 x 25mm	6.5	6.5	100
CFMPA6532	6.5 x 32mm	6.5	17	100
CFMPA6538	6.5 x 38mm	6.5	23	100
CFMPA6550	6.5 x 50mm	6.5	32	100

# Multi Screw Pan Head

Class 3



PART #	SIZE	DRILL Ø	SQ #	PACK QTY
CFMS6532	6.5 x 32mm	5	#2	100
CFMS6550	6.5 x 50mm	5	#2	100

# Multi Screw Hex Flange Head

Class 3

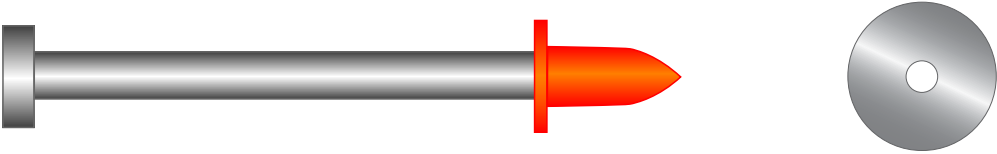


PART #	SIZE	DRILL Ø	HEX	PACK QTY
CFMS6532H	6.5 x 32mm	5	5/16"	100
CFMS6550H	6.5 x 50mm	5	5/16"	100



# Drive Pins, Steel Discs

Carbon Steel Zinc Plated Pin



PART #	SIZE	PACK QTY
CFDP830	8 X 30mm	100
CFDP840	8 x 40mm	100
CFDP850	8 x 50mm	100
CFDP865	8 x 65mm	100
CFDP875	8 x 75mm	100
CFDP890	8 x 90mm	100
CFDP8100	8 x 100mm	100
CFSD16	16mm Steel Disc	100
CFSD22	22 mm Steel Disc	100

# .22 Calibre Charges

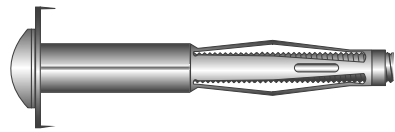
For High Velocity Tools



PART #	SIZE	PACK QTY
CFCHG	GREEN .22	100
CFCHR	RED .22	100
CFCHY	YELLOW .22	100

# Hollow Wall Anchors

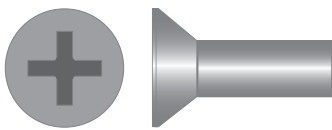
Zinc



PART #	SIZE	DRILL Ø	MT (mm)	PACK QTY
CFHWA14S	FOR 10-12mm WALL THICKNESS	11	10-12	50
CFHWA18L	FOR 16-24mm WALL THICKNESS	8	16-24	100
CFHWA18SL	FOR 13-16mm WALL THICKNESS	8	13-16	100
CFHWA18XS	FOR 4-5mm WALL THICKNESS	8	4-5	100

# Component Heads

T316 Stainless Steel

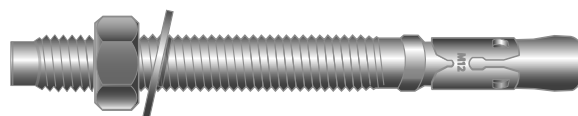


PART #	SIZE	PACK QTY
CFSACHX65	6.5mm Countersunk Head for Sleeve Anchors (5mm thread)	1
CFSACHX8	8mm Countersunk Head for Sleeve Anchors (6mm thread)	1
CFSACHX10	10mm Countersunk Head for Sleeve Anchors (8mm thread)	1

SPECIFICATION SHEET

# Throughbolts

## For bottom plate fixing



SERVICEABLE LIFE

50 YEARS MINIMUM

IN INTERNAL, DRY, PROTECTED ENVIRONMENTS

SPECIFICATIONS

MATERIAL

4.6 GALVANISED STEEL WITH STAINLESS STEEL CLIP

TIGHTENING TORQUE

45 Nm

DRILL BIT DIAMETER

12 MM

MINIMUM EMBEDMENT DEPTH

60 MM

DRILLED HOLE MUST BE AT LEAST 12MM GREATER THAN EMBEDMENT DEPTH

RECOMMENDED SAFE WORKING LOAD

TENSILE

SHEAR

5.0 kN

8.0 kN

AT 60MM EMBEDMENT DEPTH IN 22.5 MPa CONCRETE

MAXIMUM SPACING

12 X 120 INTERNAL WALL

900 MM

12 X 135 EXTERNAL WALL

725 MM

To BRANZ test report ST0583

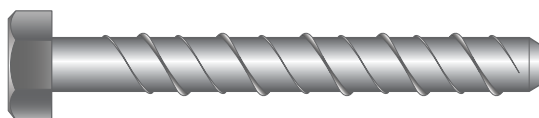


# Screwbolts

## For bottom plate fixing



To BRANZ appraisal no. 687 (2010)

**SERVICEABLE LIFE**

50 YEARS MINIMUM

IN INTERNAL, DRY, PROTECTED ENVIRONMENTS

**SPECIFICATIONS**

TIGHTENING TORQUE

45 Nm

DRILL BIT DIAMETER

ANCHOR DIAMETER

DRILL DIAMETER

M10

10MM

M12

12MM

MINIMUM EMBEDMENT DEPTH

ANCHOR DIAMETER

DEPTH

M10

700MM

M12

100MM

DRILLED HOLE MUST BE AT LEAST 10MM GREATER THAN EMBEDMENT DEPTH

**BRACING HOLD DOWN CHARACTERISTIC TENSILE STRENGTHS**

ANCHOR SIZE

CHARACTERISTIC STRENGTH

MAX BRACING UNITS PER METRE

M10 X 120

11 kN

120 (6 kN)

M12 X 150

15 kN

150 (7.5 kN)

AT 60MM EMBEDMENT DEPTH IN 22.5 MPa CONCRETE

**MAXIMUM SPACING**

12 X 120 INTERNAL WALL

900 MM

12 X 135 EXTERNAL WALL

725 MM

**BOTTOM PLATE FASTENER SPACING**

SIZE

WALL TYPE

MAX FASTENER SPACING

MIN EDGE DISTANCE

M10 X 120MM

INTERNAL WALL

900 MM

60 MM

M10 X 120MM

EXTERNAL WALL\*

725 MM

60 MM

\*FORMED CONCRETE FOUNDATION

M12 X 150MM

INTERNAL WALL

900 MM

60 MM

M12 X 150MM

EXTERNAL WALL\*

900 MM

60 MM

\*FORMED CONCRETE FOUNDATION

M12 X 150MM

EXTERNAL WALL\*

750 MM

60 MM

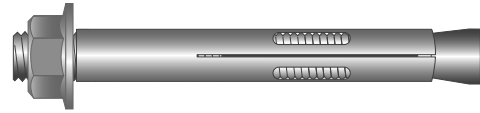
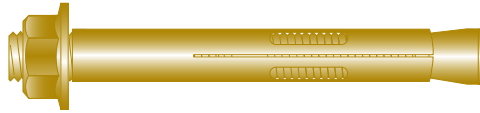
\*MASONRY HEADER BLOCK FOUNDATION



SPECIFICATION SHEET

# Sleeve Anchors

MATERIALS - STEEL CLASS 4.8 - STAINLESS GRADE 316



## DURABILITY

50 YEARS MINIMUM

USE ZINC IN DRY INTERNAL ENVIRONMENTS

STAINLESS RECOMMENDED IN COASTAL & OUTDOOR ENVIRONMENTS

## SPECIFICATIONS

ANCHOR SIZE		8MM	10MM	12MM	16MM	
SLEEVE DIAMETER		8MM	10MM	12MM	16MM	
THREAD DIAMETER		M8	M10	M12	M16	
DRILL BIT DIAMETER		M8	M10	M12	M16	
TIGHTENING TORQUE		6 Nm	12 Nm	25 Nm	40 Nm	
MIN EMBEDMENT DEPTH		35MM	40MM	50MM	55MM	

DRILLED HOLE MUST BE AT LEAST 12MM GREATER THAN EMBEDMENT DEPTH

## RECOMMENDED SAFE WORKING LOAD

ANCHOR SIZE	8MM	10MM	12MM	16MM	
TENSILE	2.5 kN	3.5 kN	4.5 kN	5.0 kN	
SHEAR	3.5 kN	5.0 kN	7.5 kN	10.0 kN	

IN 30MPa CONCRETE

# DECKIT

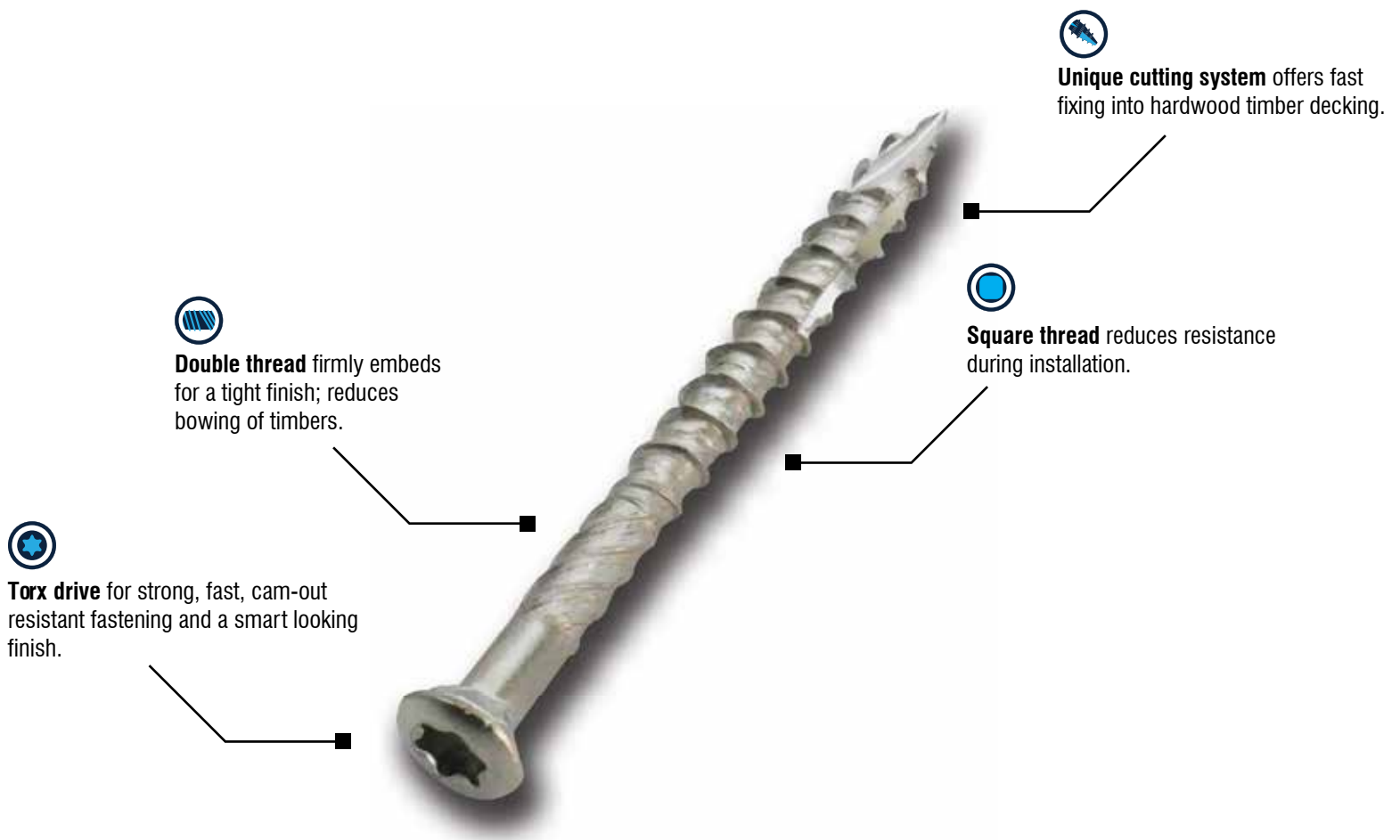
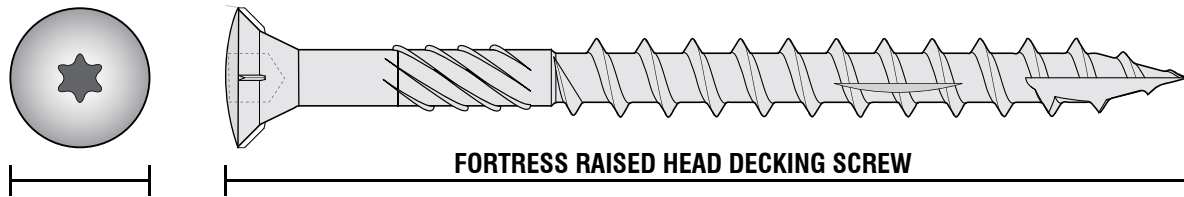




# Decking Screws Raised Countersunk

T304 Stainless Steel

T316 Stainless Steel



Free Torx drive in every pack



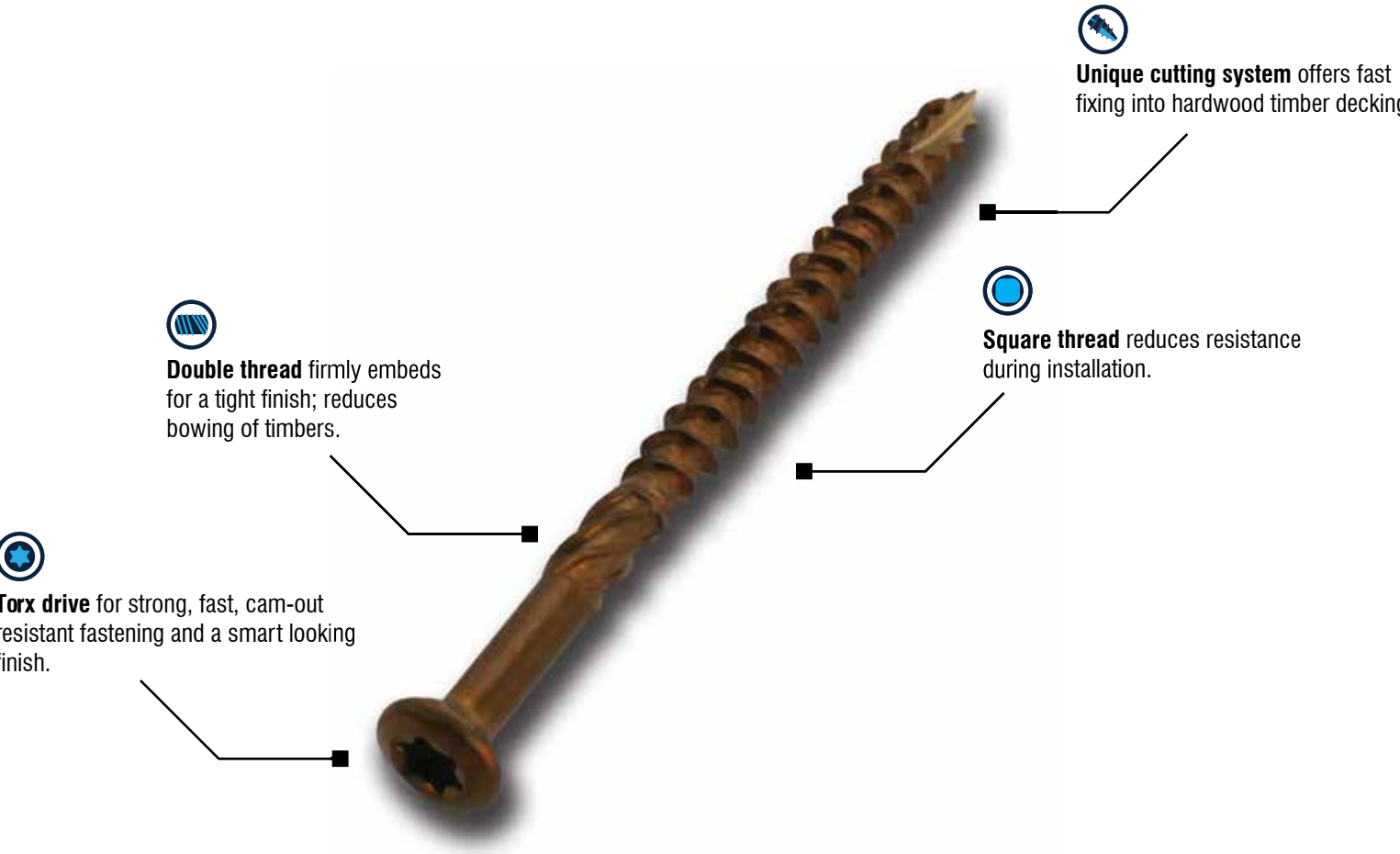
QTY: 100



QTY: 1000

# Decking Screws Raised Countersunk (Bronze)

BRONZED 304 Stainless Steel



Free Torx drive in every pack



QTY: 100



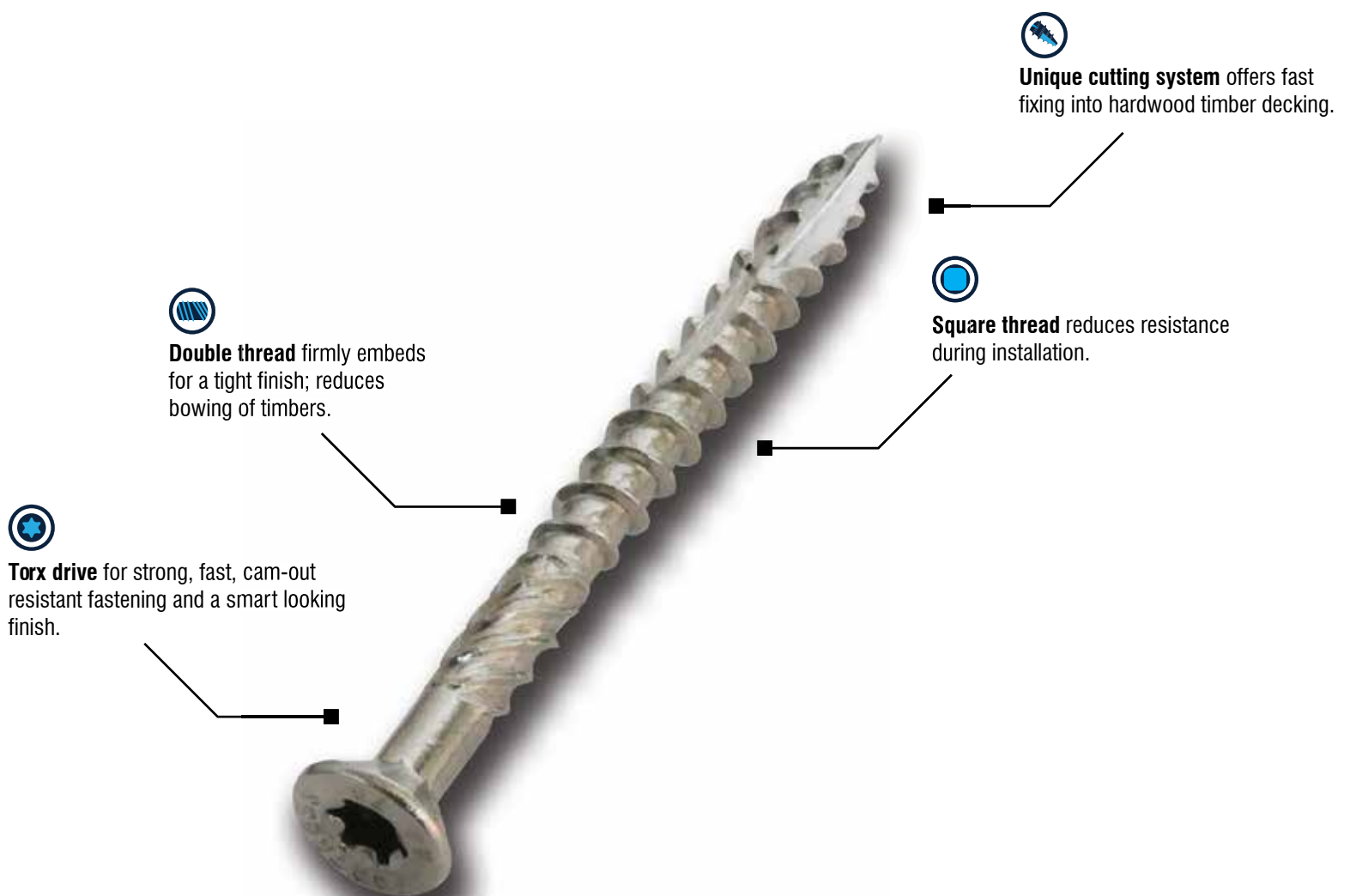
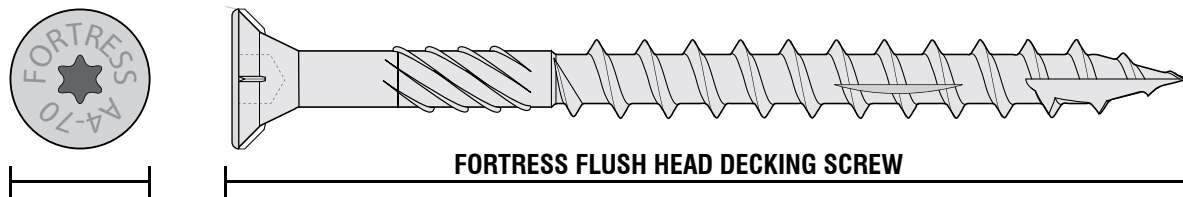
QTY: 1000



# Decking Screws Flush Countersunk

T304 Stainless Steel

T316 Stainless Steel



Free Torx drive in every pack



QTY: 100

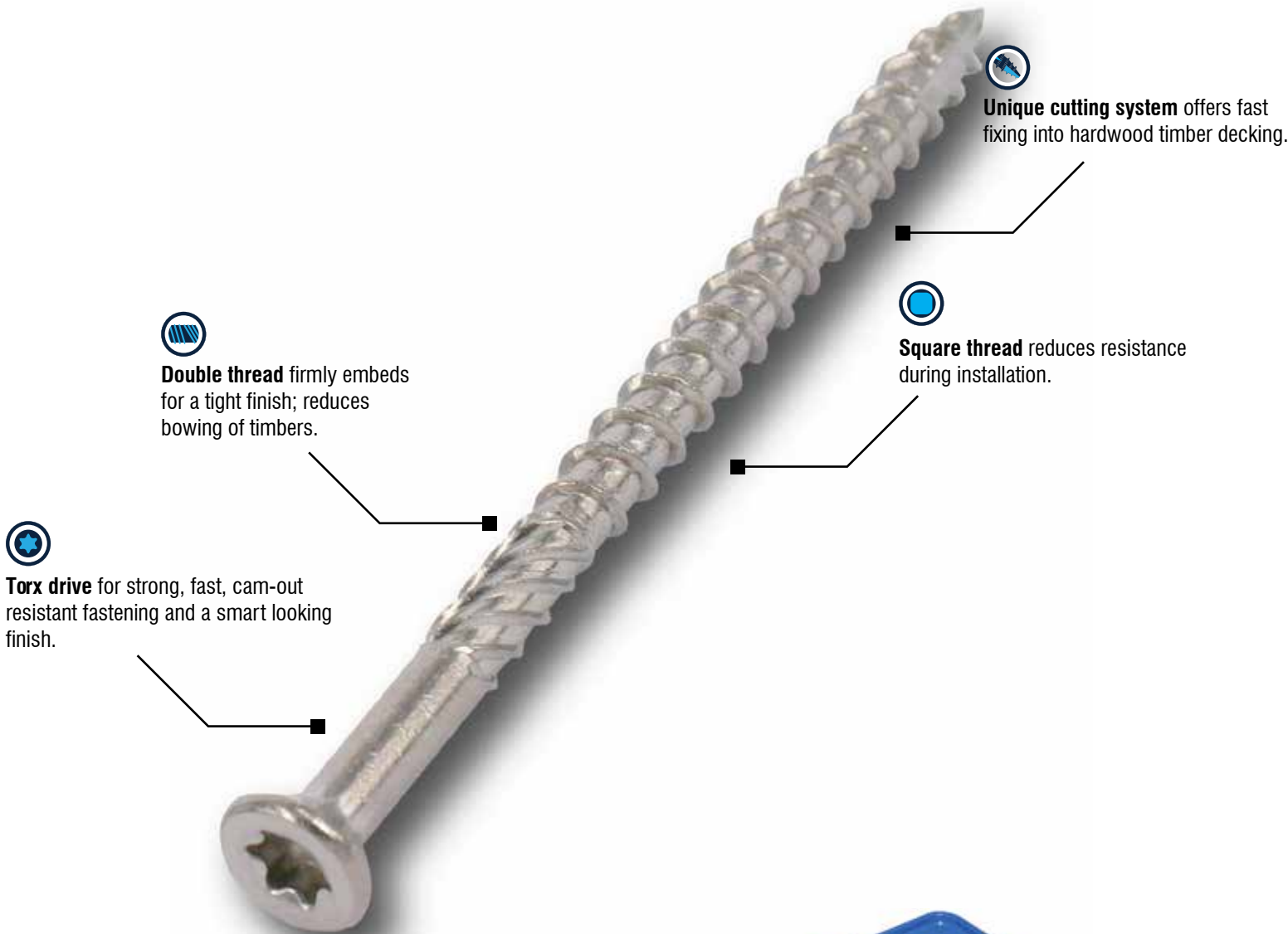
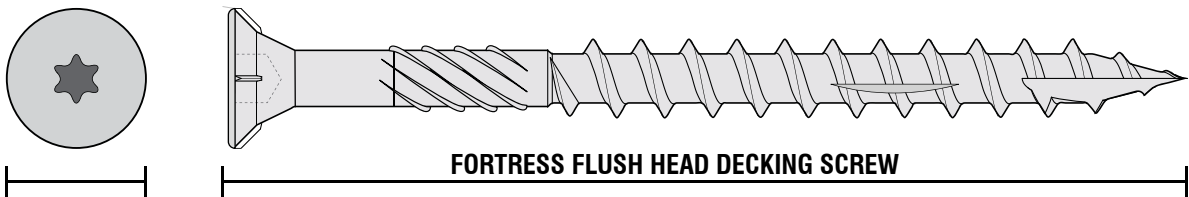


QTY: 1000

# Decking Screws Flush Countersunk - Long

T304 Stainless Steel

T316 Stainless Steel



Free Torx drive in every pack

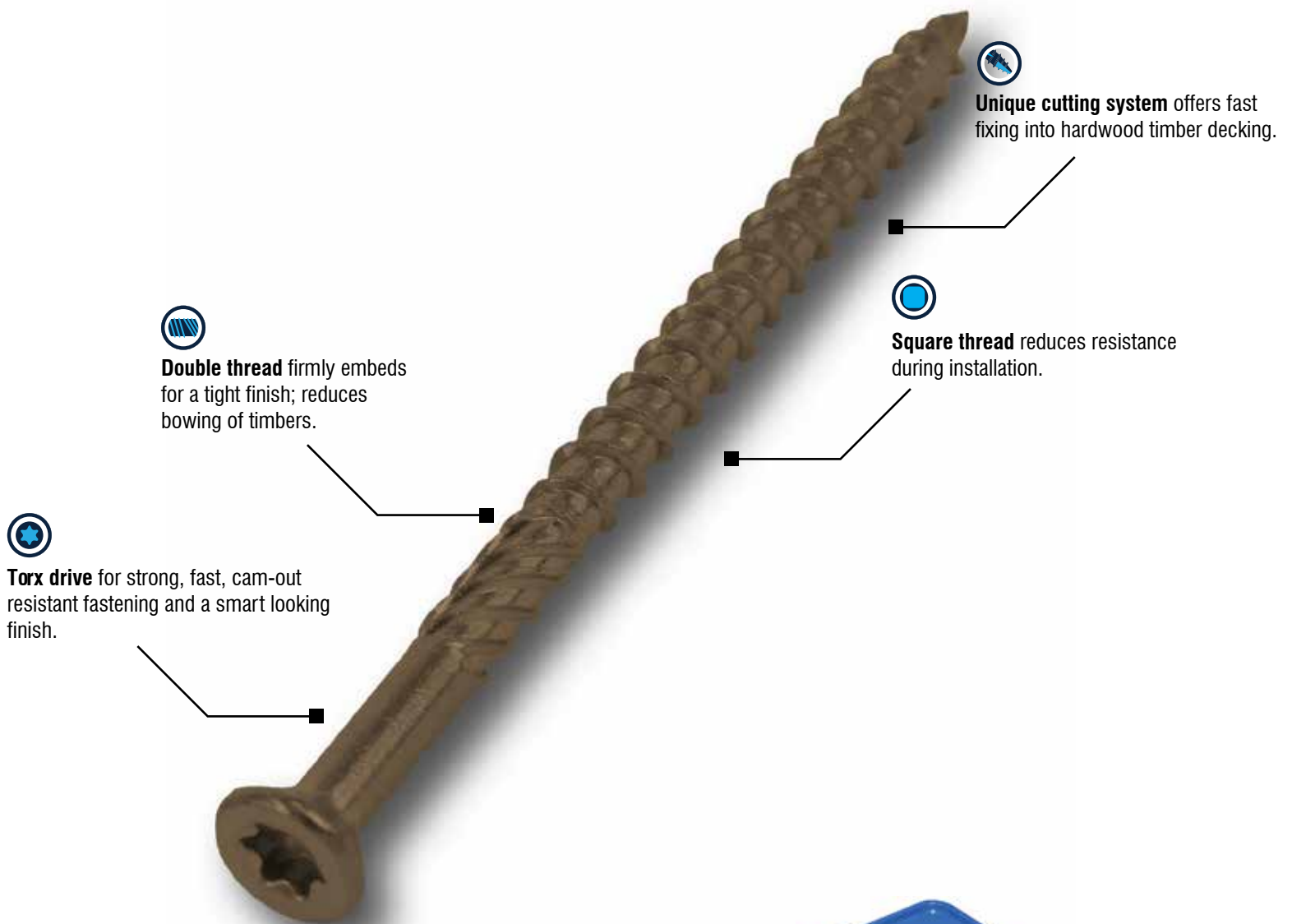


QTY: 100



QTY: 1000

# Decking Screws Trim Head



Free Torx drive in every pack



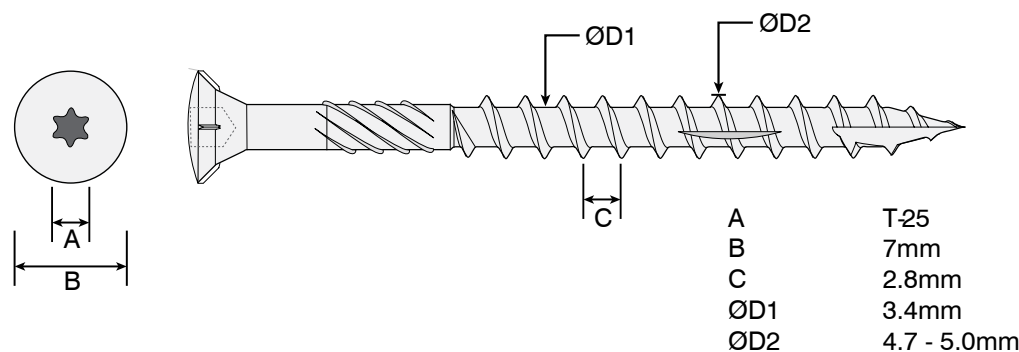
QTY: 100



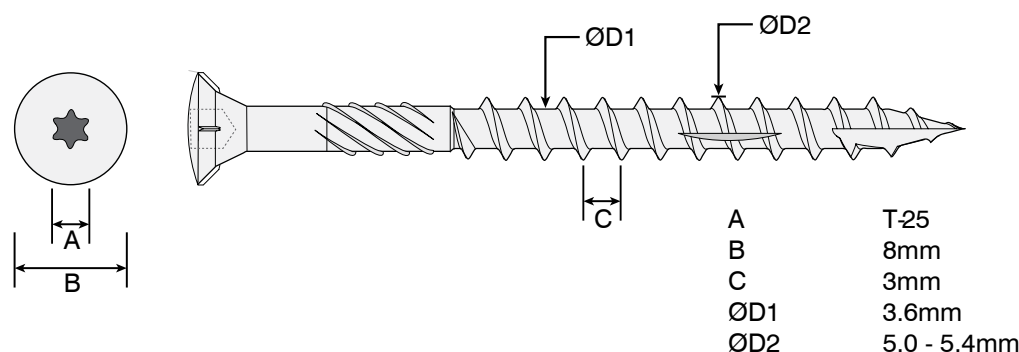
QTY: 1000

# Screw Dimensions

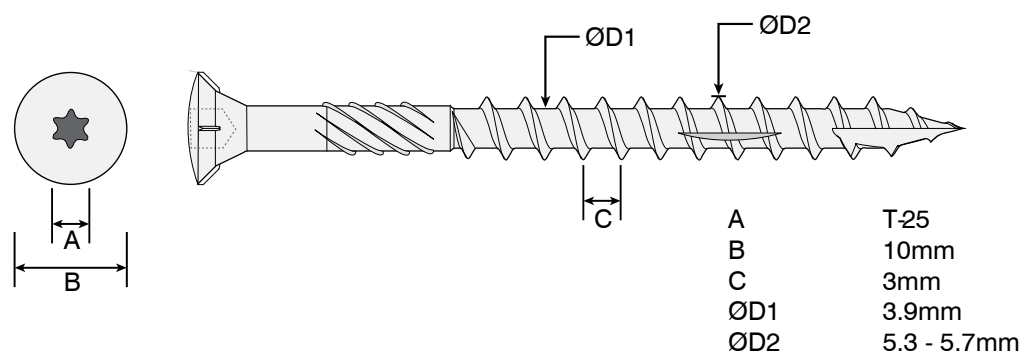
## 8 Gauge



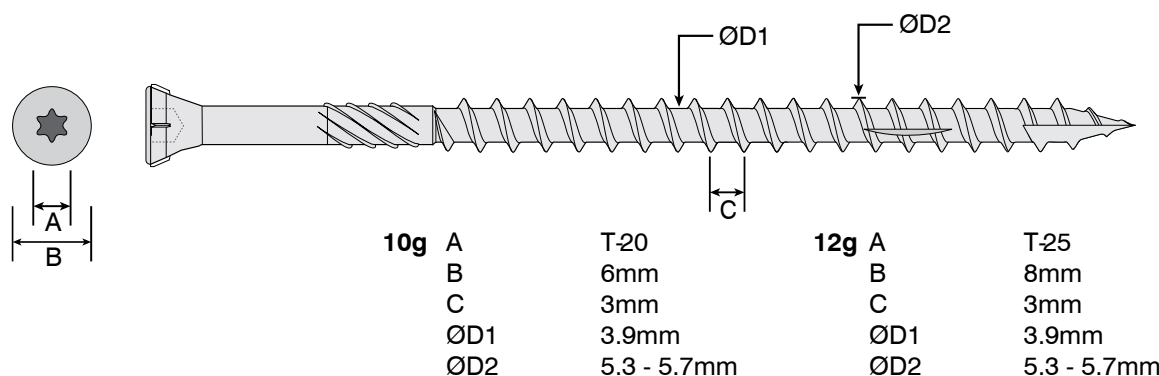
## 10 Gauge



## 12 Gauge



## Trim Head





## T304 Raised Csk



PART CODE	BOX CODE	DESCRIPTION	PACK QTY	BOX QTY
DECKX850P100	DECKX850P	8G X 50	100	1000
DECKX865P100	DECKX865P	8G X 65	100	1000
DECKX1060P100	DECKX1060P	10G X 60	100	1000
DECKX1075P100	DECKX1075P	10G X 75	100	1000
DECKX1275P100	DECKX1275P	12G X 75	100	1000
DECKX1290P100	DECKX1290P	12G X 90	100	1000

## T316 Raised Csk

PART CODE	BOX CODE	DESCRIPTION	PACK QTY	BOX QTY
DECKX1060TP100	DECKX1060TP	10G X 60	100	1000
DECKX1075TP100	DECKX1075TP	10G X 75	100	1000
DECKX1275TP100	DECKX1275TP	12G X 75	100	1000
DECKX1290TP100	DECKX1290TP	12G X 90	100	1000

## T304 Raised Csk (Bronze)

PART CODE	BOX CODE	DESCRIPTION	PACK QTY	BOX QTY
DECKX1060BR100	DECKX1060BR	10G X 60	100	1000
DECKX1075BR100	DECKX1075BR	10G X 75	100	1000
DECKX1275BR100	DECKX1275BR	12G X 75	100	1000
DECKX1290BR100	DECKX1290BR	12G X 90	100	1000

## T304 Flush Csk

PART CODE	BOX CODE	DESCRIPTION	PACK QTY	BOX QTY
DECKXCSK1060P100	DECKXCSK1060P	10G X 60	100	1000

## T316 Flush Csk

PART CODE	BOX CODE	DESCRIPTION	PACK QTY	BOX QTY
DECKXCSK1060TP100	DECKXCSK1060TP	10G X 60	100	1000

## T304 Flush Csk - Long

PART CODE	BOX CODE	DESCRIPTION	PACK QTY	BOX QTY
DECKX12100P100	DECKX12100P	12G X 100	100	1000
DECKX12120P100	DECKX12120P	12G X 120	100	1000

## T304 & T316 Csk Trim Head

BOX CODE T304	BOX CODE T316	BOX CODE T304 BRONZE	SIZE		BOX QTY
DECKXT1060P	DECKXT1060TP	DECKXT1060BR	10G X 60		1000
DECKXT1075P	DECKXT1075TP	DECKXT1075BR	10G X 75		1000







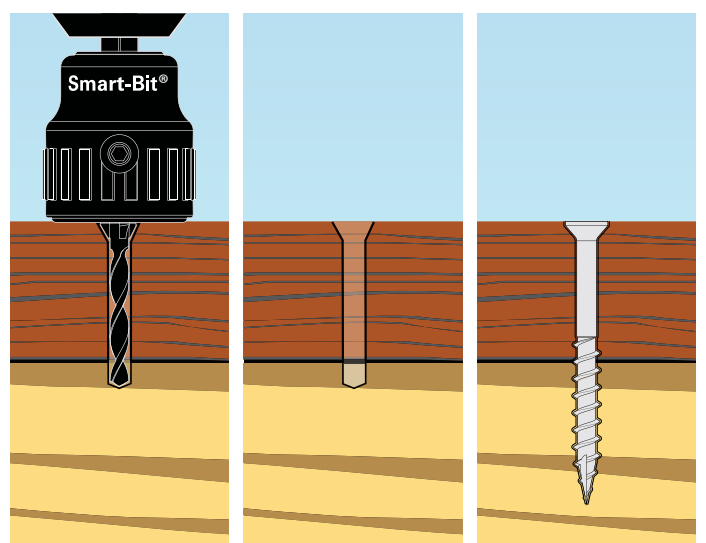


# SMART-BIT® Pre-Drilling and Countersinking Tool



SMART-BIT® Pre-drilling and Countersinking Tool is designed for decking and general woodworking. The tool features a pre-set countersink, a free spinning stop collar to protect the work surface, and replaceable Powerbolic® fluted drill bits that cut through decking more than twice as fast as standard wood bits.

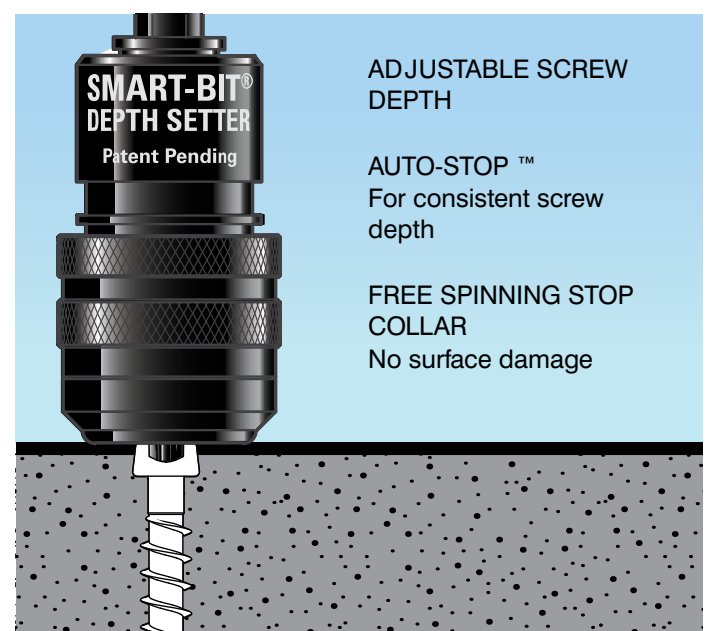
HEADCOTE® 305 and 316 and DECKFAST® Stainless 305 and 316 compatible: The countersink profiles of Smart-Bit tools are precisely matched to Headcote® and Deckfast® Stainless screws. For materials that require pre-drilling, especially hardwoods, this product combination makes it easy to achieve a clean and professional finish.



# SMART-BIT® Depth Setting Tool



SMART-BIT® Deck Screw Depth Setter is designed to make fastening decks, drywall, and general screw setting easier and faster, with clean and uniform results: perfectly set screws every time. The tool is adjustable so that it can be used with many different screw types and sizes, and features an Auto-Stop™ mechanism that sets the screw at the target depth without stripping the screw recess. A free spinning stop collar with rubber O-ring protects the work surface from damage or marking. The Depth Setter works with both Phillips® and Torx® bits and is designed for use with a full range of Starborn fasteners. The Depth Setter also works well with other fastener products.



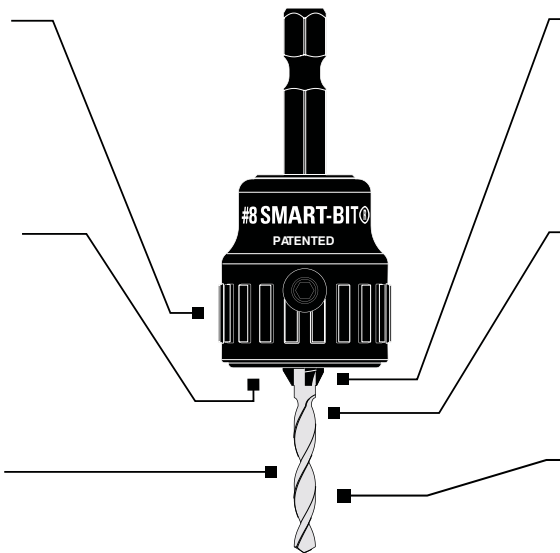


# SMART-BIT® Features

**Free-Spinning Stop Collar with O-ring**  
The Smart-Bit stop collar spins free of the drill bit, preventing marring or burnishing of the deck surface. When the stop collar stops spinning, the hole is complete.

**Anti-Clog Debris Cavity**  
The Smart-Bit debris cavity gathers waste material, keeping it clear of the countersink, unlike conventional flush mounted countersinks. The waste simply falls out onto the deck surface after each hole is completed.

**Powerbolic® High-Speed Drill Bit**  
The Powerbolic bit has specially designed fluting that cuts through decking more than twice as fast as standard wood bits, even dense composites and hardwoods.



**Pre-set Countersink**  
Smart-Bit matches the head diameter, head angle and countersink depth of corresponding Headcote 305 and 316 as well as Deckfast Stainless 305 and 316 screw sizes for the perfect hole and fit. Everything is pre-set in the tool assembly.

**Replaceable Bit:**  
Smart-Bit tools come with two extra Replacement Bits and a 3/32" hex wrench for use with the set screw that holds the drill bits in place. Replacement Bits are also sold separately in packs of five bits each.

**Pre-set Shaft Length**  
Together with the countersink, the overall hole depth for the #7 Trim, #8 Trim and #10 Flat sizes is 1-1/8" deep, designed for use with lumber up to 5/4" (nominal).

TOOL SIZE Gauge (mm)	HEAD STYLE	DRILL BIT mm (inch)	COUNTERSINK DIA. mm (inch)	COUNTER- SINK ANG LE	HOLE DEPTH* mm (inch)
#7 (4.2 mm)	Trim	3.0 (7/64")6	.2 (1/4")	60°	30 (1-1/8")
#8 (4.5 mm)	Trim	3.2 (1/8")	6.6 (17/64")	60°	30 (1-1/8")
#10 (5.0 mm)	Flat	3.6 (9/64")9	.2 (23/64")	90°	30 (1-1/8")
#12 (5.5 mm)	Flat	4.0 (5/32")1	1 (7/16")	82°	40 (1-9/16")
#14 (6.0 mm)	Flat	4.8 (3/16")1	2.2 (31/64")	82°	40 / 75 (1-9/16" / 3")
#14 PLUS (6.2 mm)*	Flat	5.25 (13/64")1	2.9 (1/2")	82°	40 / 75 (1-9/16" / 3")



Smart-Bit  
Tool

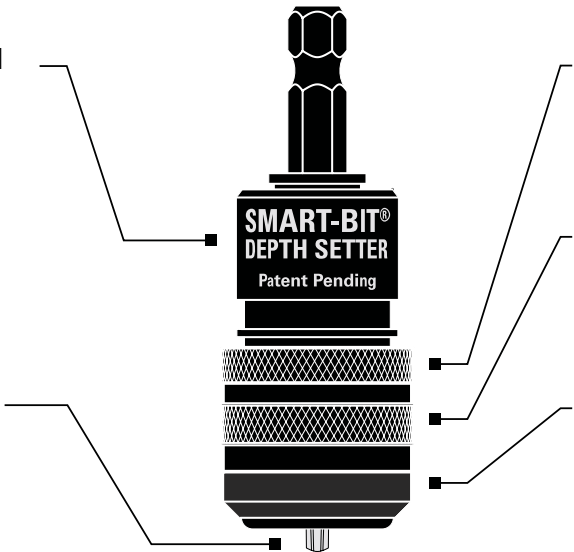


Replacement  
Bits

\*#14 PLUS Smart-Bit sold as #14 Smart-Bit in AU & NZ.  
\*Overall hole depth including countersink portion. When installing decking it is general practice to not pre-drill the underlying (joist) material, as this is usually treated lumber and does not require pre-drilling. The 1-1/8" overall hole depth of the #7 Trim, #8 Trim and #10 Flat sizes provides sufficient depth for installing deck lumber up to 5/4" nominal size.  
\*#14 Smart-Bit and #14 PLUS Smart-Bit come with two (2) 40 mm bits and one (1) 75 mm bit.

**Auto-Stop™ Mechanism**  
Once target depth is reached, the Auto-Stop™ mechanism inside the tool disengages the driver bit and stops the screw from driving further - without stripping the screw recess.

**Works with Torx® and Phillips® Bits**  
Each tool includes one T-20 bit in the tool and four additional replacement bits: (2) T-20 bits, (1) T-25 and (1) #2 PH.



**Locking Ring**  
Secures the depth setting of the tool for consistent screw depth, every time.

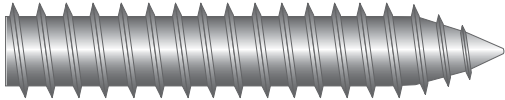
**Adjustment Ring**  
Depth can be adjusted for many different types and sizes of screws, and applications.

**Free Spinning Stop Collar**  
The free spinning stop collar is fitted with a rubber O-ring to prevent damage to the work surface once the target depth is reached.

## A PERFECT HOLE AND FIT... EVERY TIME

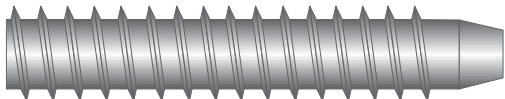


# Screw Points selection Guide



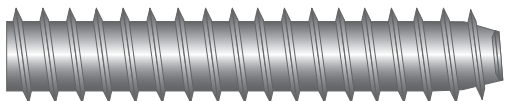
## TYPE AB

This point is found on Type AB self tapping screws and a range of screws used for fastening timber or timber based building products. Its purpose is to assist the screw in engaging in the material being fastened.



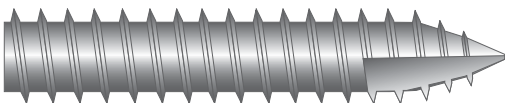
## LEAD POINT

This point is found on self tapping screws and a range of other screws used for fastening in a situation where the pilot hole cannot be easily located. The Lead point self located the screw into the pilot hole for fastening.



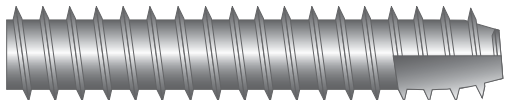
## TYPE B

This point is applied to self tapping screws and generally specified where the screw is being driven into a shallow hole. Type B points provide for more full threads to be engaged in the material being fastened.



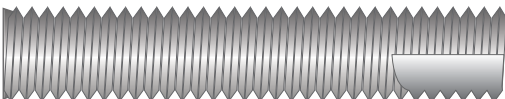
## TYPE 17

Similar to the Type AB point, except that the screw material has been cut away. This feature, some times called a shank shot provides the ability for the screw to self drill through thin metal and then drill into timber members of the structure.



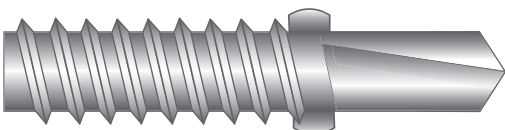
## TYPE 25

A point designed to cut through threads in plastic material. The presence of the shank slot provides the cutting ability and also for the clearance of cutting chips.



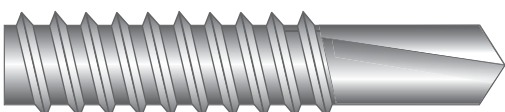
## TYPE 23

Fasteners with this cutting thread point are designed for use in soft metals or die castings. Threads produced belong to the machine thread series.



## WINGED DRILL

In thicker building materials such as plywood, hardboard or cement sheet, the addition of wings cuts a slightly oversize hole permitting clear passage of the thread to engage with supporting steel structural members.



## DRILL

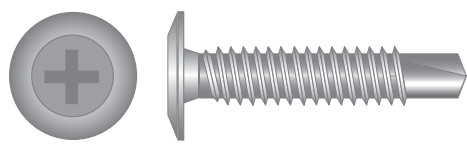
A point designed to fasten material of varying types to steel. The shape of the drill point gives the fastener the ability to drill its own hole in most materials including steel.



# SDS Wafer Screw Wafer Head

Zinc Chromate

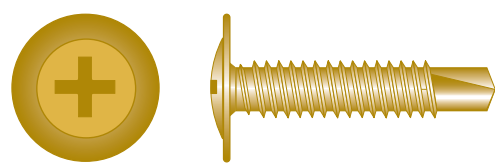
Class 4



PART #		SIZE	PHILLIPS	PACK QTY
TKW1016C2	TKW1016C4	10G X 16	#2	1000
TKW1022C2	TKW1022C4	10G X 22	#2	1000
TKW1030C2	TKW1030C4	10G X 30	#2	1000

# SDS Button Screw Wafer Button Head

Zinc Chromate

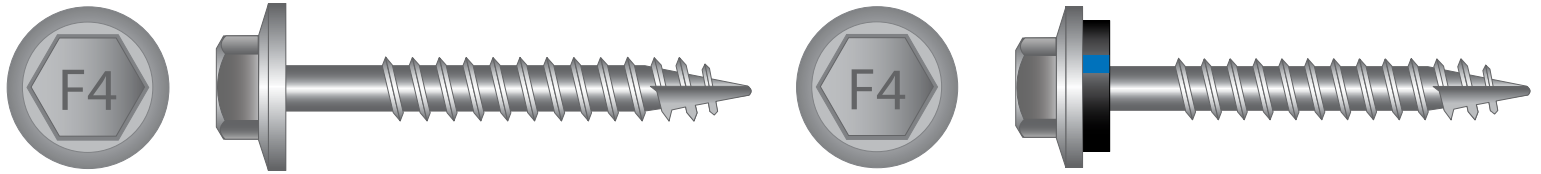


PART #	SIZE		PHILLIPS	PACK QTY
TKWB812C2	8G X 12		#2	1000
TKWB816C2	8G X 16		#2	1000
TKWB820C2	8G X 20		#2	1000
TKWB825C2	8G X 25		#2	1000

# T17 Screw Hex Washer Face

Zinc Chromate

Class 4

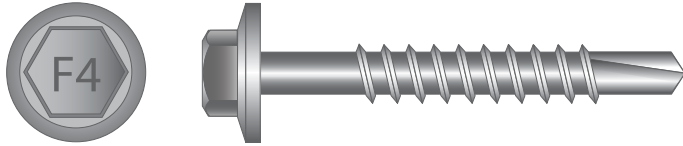


PART # - NO NEO	PART # - NO NEO	PART # - NEO	SIZE	HEAD	MT(mm)	PACK QTY
TT1225C2	TT1225C4	TT1225NC4	12-14 X 25	HEX 5/16	1.00-4.50	200
	TT1235C4	TT1235NC4	12-14 X 35	HEX 5/16	1.00-4.50	200
	TT1240C4		12-14 X 40	HEX 5/16	1.00-4.50	200
TT1245C2	TT1245C4	TT1245NC4	12-14 X 45	HEX 5/16	1.00-4.50	200
TT1250C2	TT1250C4	TT1250NC4	12-14 X 50	HEX 5/16	1.00-4.50	200
	TT1255C4	TT1255NC4	12-14 X 55	HEX 5/16	1.00-4.50	200
TT1265C2	TT1265C4	TT1265NC4	12-14 X 65	HEX 5/16	1.00-4.50	100
	TT1425C4		14-10 X 25	HEX 3/8	1.00-5.00	100
TT1450C2	TT1450C4	TT1450NC4	14-10 X 50	HEX 3/8	1.00-5.00	100
	TT1455C4		14-10 X 55	HEX 3/8	1.00-5.00	100
TT1465C2	TT1465C4	TT1465NC4	14-10 X 65	HEX 3/8	1.00-5.00	100
	TT1475C4	TT1475NC4	14-10 X 75	HEX 3/8	1.00-5.00	100
	TT1490C4	TT1490NC4	14-10 X 90	HEX 3/8	1.00-5.00	100
TT14100C2	TT14100C4	TT14100NC4	14-10 X 100	HEX 3/8	1.00-5.00	100
	TT14115C4	TT14115NC4	14-10 X 115	HEX 3/8	1.00-5.00	100
	TT14125C4		14-10 X 125	HEX 3/8	1.00-5.00	100
	TT14150C4		14-10 X 150	HEX 3/8	1.00-5.00	100
	TT14200C4		14-10 X 200	HEX 3/8	1.00-5.00	100



# SDS Screw Hex Washer Face

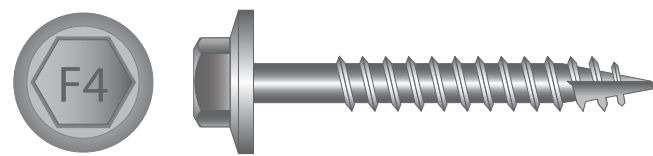
T410 Hardened Stainless Steel



PART # No Neo	SIZE	HEAD	MT(mm)	PACK QTY
TKX1225T410	12-14 X 25	HEX 5/16	1.00-4.50	200
TKX1235T410	12-14 X 35	HEX 5/16	1.00-4.50	200
TKX1238T410	12-14 X 38	HEX 5/16	1.00-4.50	200
TKX1245T410	12-14 X 45	HEX 5/16	1.00-4.50	200
TKX1250T410	12-14 X 50	HEX 5/16	1.00-4.50	200
TKX1265T410	12-14 X 65	HEX 5/16	1.00-4.50	100
TKX1275T410	12-14 X 75	HEX 5/16	1.00-4.50	100
TKX1425T410	14-14 X 25	HEX 3/8	1.00-5.00	200
TKX1432T410	14-14 X 32	HEX 3/8	1.00-5.00	200
TKX1438T410	14-14 X 38	HEX 3/8	1.00-5.00	200
TKX1445T410	14-14 X 45	HEX 3/8	1.00-5.00	200
TKX1450T410	14-14 X 50	HEX 3/8	1.00-5.00	200
TKX1455T410	14-14 X 55	HEX 3/8	1.00-5.00	100
TKX1465T410	14-14 X 65	HEX 3/8	1.00-5.00	100
TKX1475T410	14-14 X 75	HEX 3/8	1.00-5.00	100
TKX1490T410	14-14 X 90	HEX 3/8	1.00-5.00	100
TKX14125T410	14-14 X 125	HEX 3/8	1.00-5.00	100

# T17 Screw Hex Washer Face

T304 Stainless Steel

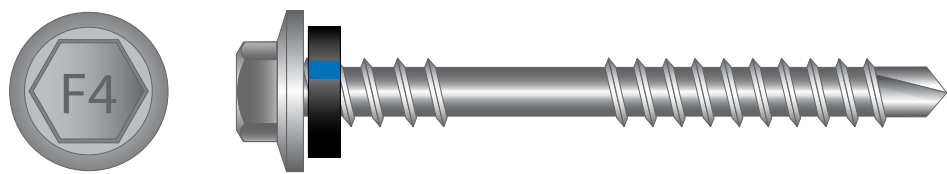


T304

PART # - NO NEO	SIZE	HEAD	ME(mm)	PACK QTY
TTX1225	12-14 X 25	HEX 5/16	23	200
TTX1235	12-14 X 35	HEX 5/16	30	200
TTX1238	12-14 X 38	HEX 5/16	30	200
TTX1245C4	12-14 X 45	HEX 5/16	30	200
TTX1250C4	12-14 X 50	HEX 5/16	30	200
TTX1265C4	12-14 X 65	HEX 5/16	30	100
TTX1275C4	12-14 X 75	HEX 5/16	30	100
TTX1425C4	14-14 X 25	HEX 3/8	23	100
TTX1432C4	14-14 X 32	HEX 3/8	28	200
TTX1438C4	14-14 X 38	HEX 3/8	30	200
TTX1445C4	14-14 X 45	HEX 3/8	35	200
TTX1450C4	14-14 X 50	HEX 3/8	35	100
TTX1455C4	14-14 X 55	HEX 3/8	35	100
TTX1465C4	14-14 X 65	HEX 3/8	35	100
TTX1475C4	14-14 X 75	HEX 3/8	35	100
TTX1490C4	14-14 X 90	HEX 3/8	35	100
TTX14125C4	14-14 X 125	HEX 3/8	35	100

# SDS SupaDrive Screw Hex Washer Face

Class 4



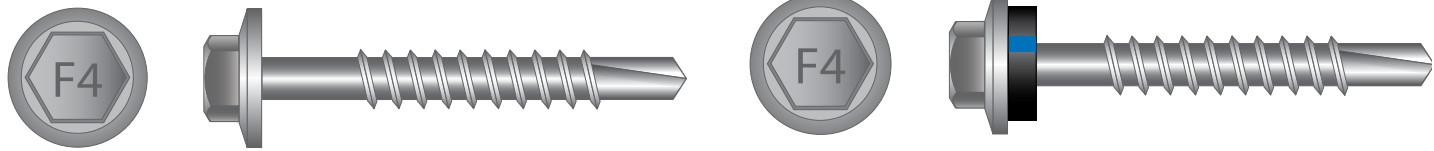
PART # - NEO	SIZE	HEAD	MT(mm)	PACK QTY
SD1225NC4	12g PLUS -13 X 25	HEX 5/16	1.00-4.50	200
SD1255NC4	12g PLUS -13 X 55	HEX 5/16	1.00-4.50	200
SD1265NC4	12g PLUS -13 X 65	HEX 5/16	1.00-4.50	100



Painted Colours available Ex Stock

# SDS Screw Hex Washer Face

Class 4

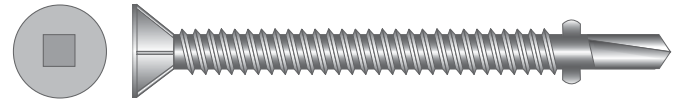
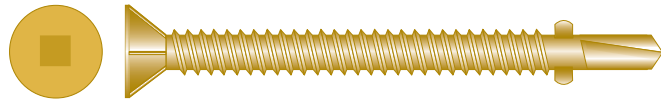


PART # No Neo	PART # With Neo	SIZE	HEAD	MT(mm)	PACK QTY
TK812C4		8-18 X 12	HEX 1/4	0.75-2.5	1000
TK816C4		8-18 X 16	HEX 1/4	0.75-2.5	1000
TK820C4		8-18 X 20	HEX 1/4	0.75-2.5	1000
TK1016C4	TK1016NC4	10-16 X 16	HEX 5/16	0.75-3.50	1000
TK1025C4	TK1025NC4	10-16 X 25	HEX 5/16	0.75-3.50	500
TK1220C4	TK1220NC4	12-14 X 20	HEX 5/16	1.00-4.50	200
TK1225C4	TK1225NC4	12-14 X 25	HEX 5/16	1.00-4.50	200
TK1235C4	TK1235NC4	12-14 X 35	HEX 5/16	1.00-4.50	200
TK1245C4	TK1245NC4	12-14 X 45	HEX 5/16	1.00-4.50	200
TK1255C4	TK1255NC4	12-14 X 55	HEX 5/16	1.00-4.50	200
TK1265C4	TK1265NC4	12-14 X 65	HEX 5/16	1.00-4.50	100
TK1422C4	TK1422NC4	14-10 X 22	HEX 3/8	1.00-5.00	200
TK1430C4		14-10 X 30	HEX 3/8	1.00-5.00	200
TK1475C4	TK1475NC4	14-10 X 75	HEX 3/8	1.00-5.00	100
TK1490C4	TK1490NC4	14-10 X 90	HEX 3/8	1.00-5.00	100
TK14115C4	TK14115NC4	14-10 X 115	HEX 3/8	1.00-5.00	100
	TK14135NC4	14-10 X 135	HEX 3/8	1.00-5.00	100
	TK14150NC4	14-10 X 150	HEX 3/8	1.00-5.00	100

# Wingtek SDS Screw countersunk Head

Zinc Chromate

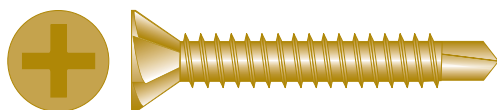
Class 4



PART #		SIZE	SQUARE	MT(mm)	PACK QTY
TKCWQ1035C2	TKCWQ1035C4	10-16 x 35mm	#2	0.75-3.50	200
TKCWQ1045C2	TKCWQ1045C4	10-16 x 45mm	#2	0.75-3.50	200
TKCWQ1050C2	TKCWQ1050C4	10-16 x 50mm	#2	0.75-3.50	100
TKCWQ1060C2	TKCWQ1065C4	10 -16 X 60/65mm	#2	0.75-3.50	100
TKCWQ1075C2	TKCWQ1075C4	10-16 x 75mm	#2	0.75-3.50	100

# SDS Self Embed Screw countersunk

Zinc Chromate



PART #	SIZE	PHILLIPS	MT(mm)	PACK QTY
TKCR820C2	8G X 20mm	#2	0.75-2.50	1000
TKCR825C2	8G x 25mm	#2	0.75-2.50	1000
TKCR830C2	8G x 30mm	#2	0.75-2.50	1000



# T17 Batten Screw Bugle Head

Class 4.6

Stainless Steel T316

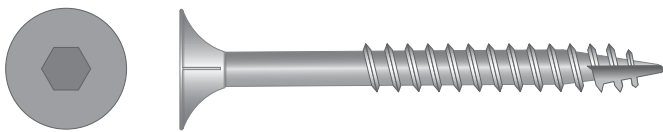
Zinc Chromate Class 4.6



PART #			SIZE	HEX mm	ED(mm)	PACK QTY
TTB1450C4	TTBX1450T	TTB1450C2	14G x 50mm	5	30	100
	TTBX1463T		14G x 63mm	5	30	100
TTB1475C4	TTBX1475T	TTB1475C2	14G x 75mm	5	35	100
	TTBX1490T		14G x 90mm	5	35	100
TTB14100C4	TTBX14100T	TTB14100C2	14G x 100mm	5	35	100
	TTBX14120T		14G x 120mm	5	35	100
TTB14125C4			14G x 125mm	5	35	100
TTB14150C4	TTBX14150T		14G x 150mm	5	35	100

# T17 Batten Screw Bugle Head - Trade Packs

Class 4.6



PART #	SIZE	HEX mm	ED(mm)	PACK QTY
TTB14100C4P100	14G x 100mm	5	30	100
TTB14100C4P250	14G x 100mm	5	30	250
TTB14100C4P500	14G x 100mm	5	35	500



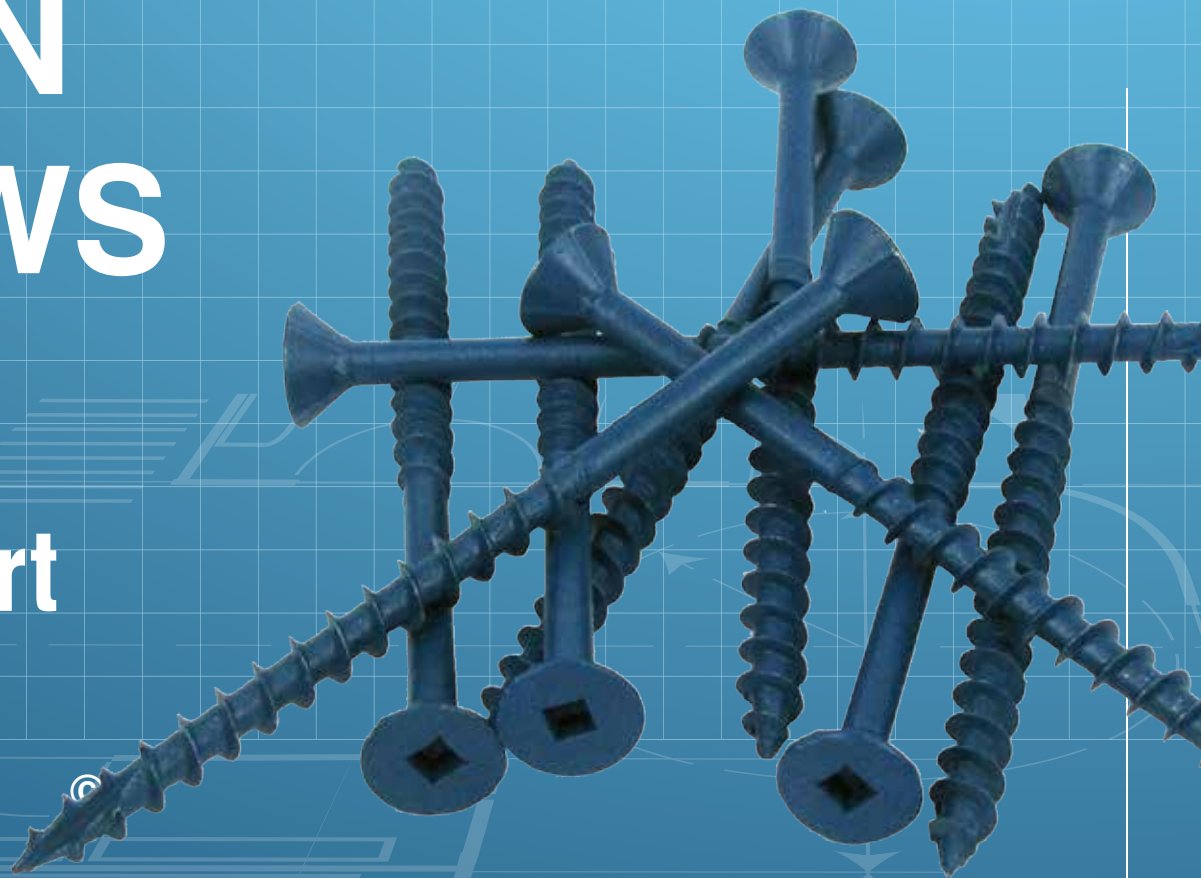
# Fortress Purlin and Batten fixing screws

Meeting and beating national standards

10g X 80mm

**PURLIN  
SCREWS**

**Blue Ruspert**



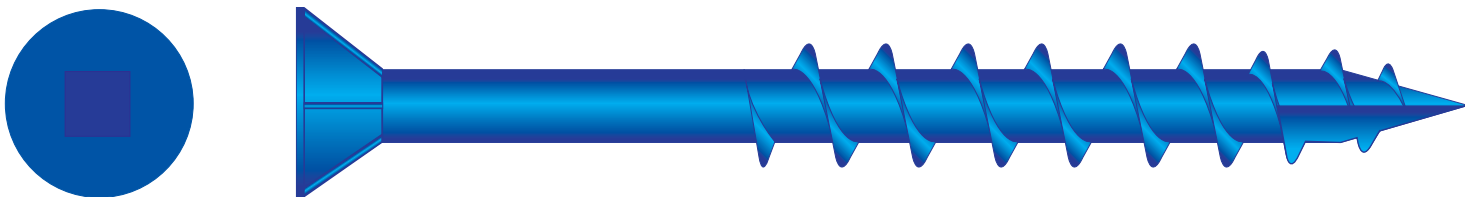
**Fortress quality & strength**

**Square Drive  
Self Countersinking Head  
T17 Tip**

**Available in packs of 100 & 500**

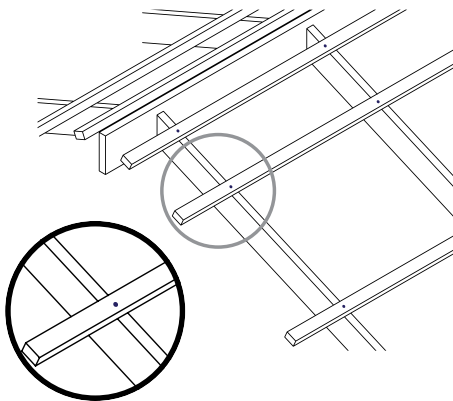
# Purlin Blue Screw countersunk Head

Blue Ruspert

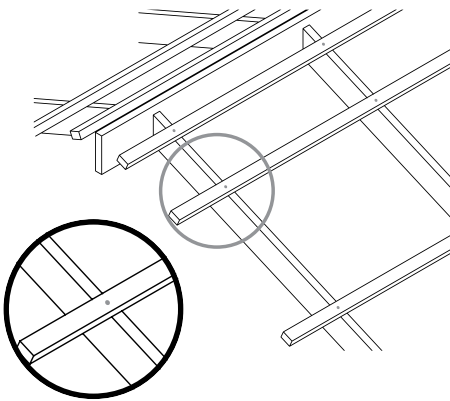


PART #	SIZE	SQUARE	PACK QTY
PUR1080BP500	10G x 80mm	#2	500
PUR1080BP100	10G x 80mm	#2	100

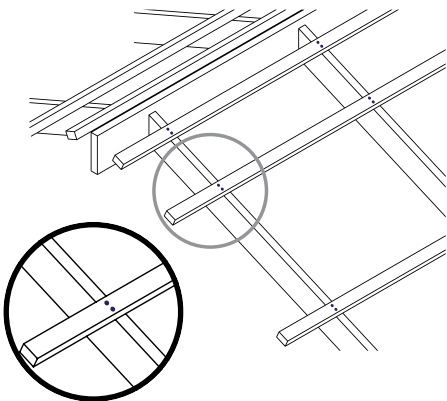
## Performance Data



1 x FORTRESS BLUE RUSPERT  
T17 PURLIN SCREW 10g X 80mm



1 x FORTRESS BUGLE HEAD T17  
PURLIN/BATTEN SCREW 14g X 100mm



2 x FORTRESS BLUE RUSPERT  
T17 PURLIN SCREW 10g X 80mm

Tested to:  
**3.7kN**

Test Exceeding  
**5.5kN**

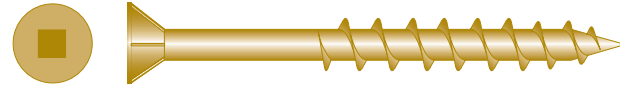
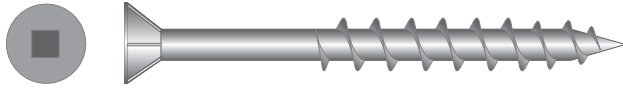
Tested to:  
**7.07kN**

# Surefast Screws countersunk Head

Class 3

Stainless Steel T304

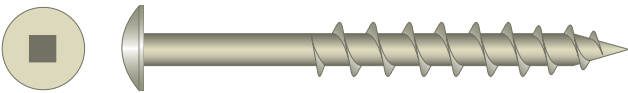
Zinc Chromate



PART #			SIZE	SQUARE	PACK QTY
		SFQ616P	6G X 16mm	#1	1000
		SFQ620P	6G X 20mm	#1	1000
		SFQ625P	6G X 25mm	#1	1000
		SFQ632P	6G X 32mm	#1	1000
		SFQ640P	6G X 40mm	#1	1000
		SFQ816P	8G X 16mm	#2	1000
	SFQX820P	SFQ820P	8G X 20mm	#2	1000
SFQ825CL3P	SFQX825P	SFQ825P	8G X 25mm	#2	1000
SFQ832CL3P	SFQX832P	SFQ828P	8G X 28mm	#2	1000
		SFQ832P	8G X 32mm	#2	1000
SFQ840CL3P	SFQX840P	SFQ840P	8G X 40mm	#2	1000
SFQ845CL3P	SFQX845P	SFQ845P	8G X 45mm	#2	1000
SFQ850CL3P	SFQX850P	SFQ850P	8G X 50mm	#2	1000
SFQ865CL3P	SFQX865P	SFQ865P	8G X 65mm	#2	500
SFQ1050CL3P	SFQX1050P	SFQ1050P	10G X 50mm	#2	500
SFQ1065CL3P	SFQX1065P	SFQ1065P	10G X 65mm	#2	500
SFQ1075CL3P	SFQX1075P	SFQ1075P	10G X 75mm	#2	500
SFQ1090CL3P	SFQX1090P	SFQ1090P	10G X 90mm	#2	250
SFQ10100CL3P	SFQX10100P	SFQ10100P	10G x 100mm	#2	250
SFQ1232CL3P			12G X 32mm	#3	250
SFQ1240CL3P			12G X 40mm	#3	250
SFQ1250CL3P	SFQX1250P		12G x 50mm	#3	250
SFQ1265CL3P	SFQX1265P		12g x 65mm	#3	250

# Surefast Screws Pan Head

Class 4



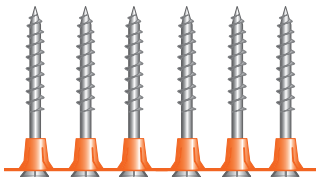
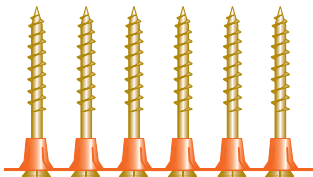
PART #		SIZE	SQUARE	PACK QTY
SFPQ812C4		8G X 12mm	#2	1000
SFPQ820C4		8G x 20mm	#2	1000
SFPQ825C4		8G x 25mm	#2	1000

# Collated Surefast Screws

Zinc Chromate

Stainless Steel T316

Countersunk Head



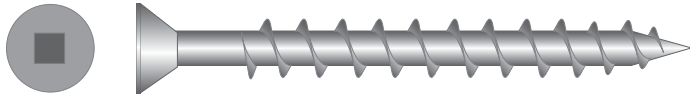
PART #		SIZE	PHILLIPS	PACK QTY
SFCOL840	SFCOLX840	8G X 40mm	#2	1000
SFCOL850	SFCOLX850	8G x 50mm	#2	500
SFCOL857		8G x 57mm	#2	500



# Compressed Sheet Screw

## Countersunk Head

Stainless Steel T316



T316

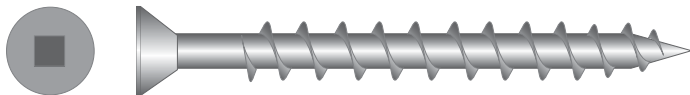


PART #	SIZE	SQUARE	PACK QTY
JHEX1032P	10G X 32mm	#2	1000
STCQX1040T17T	10G x 40mm	#2	1000
STCQX1050T17T	10G x 50mm	#2	1000
JHEX1065P	10G x 65mm	#2	1000

# PLYFIX Screw

## countersunk Head

Stainless Steel T316



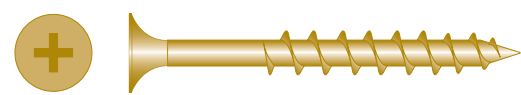
T316



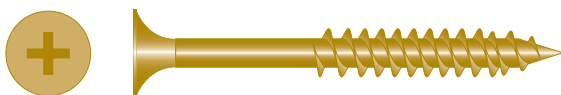
PART #	SIZE	SQUARE	PACK QTY
PLYX1050T	10G X 50mm	#2	500
PLYX1050TB	10G x 50mm	#2	1000

# Gypsum Screws Bugle Head

Zinc Chromate



Coarse Thread



Fine Thread



PART #		SIZE	PHILLIPS	PACK QTY
GYP625C	GYP625F	6G X 25mm	#1	1000
GYP632C	GYP632F	6G x 32mm	#1	1000
GYP645C	GYP645F	6G x 45mm	#1	1000
GYP732C		7G X 32mm	#2	1000
GYP832C		8G x 32mm	#2	1000

# SDS Gypsum Screw Bugle Head

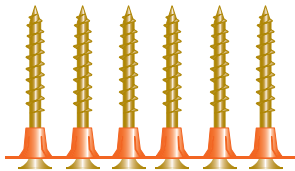
Zinc Chromate



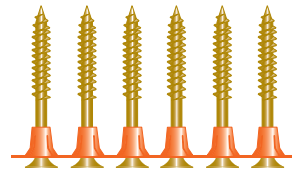
PART #		SIZE	PHILLIPS	PACK QTY
TKGYP625		6G X 25mm	#1	1000
TKGYP632		6G x 32mm	#1	1000
TKGYP645		6G x 45mm	#1	1000

# Gypsum Screws Collated Bugle Head

Zinc Chromate



Coarse Thread



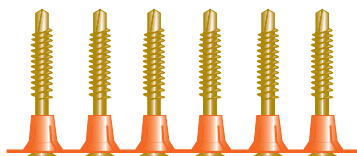
Fine Thread



PART #		SIZE	PHILLIPS	PACK QTY
GYPCOL625C	GYPCOL625F	6G X 25mm	#1	1000
GYPCOL632C	GYPCOL632F	6G x 32mm	#1	1000
GYPCOL640C	GYPCOL640F	6G x 40mm	#1	1000
GYPCOL850C		8G X 50mm	#2	1000
GYPCOL857C		8G x 57mm	#2	1000

# SDS Gypsum Screws Collated Bugle Head

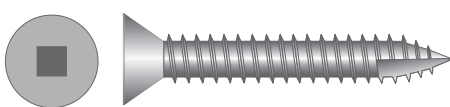
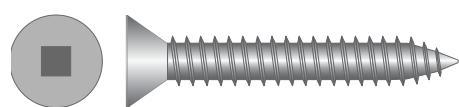
Zinc Chromate



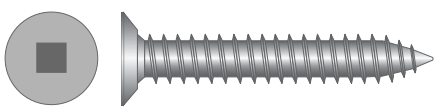
PART #	SIZE	PHILLIPS	PACK QTY
TKGYPCOL625	6G X 25mm	#1	1000
TKGYPCOL632	6G x 32mm	#1	1000
TKGYPCOL640	6G x 40mm	#1	1000

# Self Tapping Screws countersunk Head

Stainless Steel T304



T17 POINT



TRUNCATED HEAD

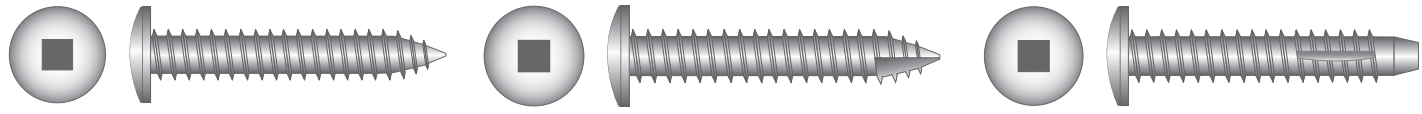
T304



PART #				SIZE	PACK QTY
STCQX412				4G X 12	1000
STCQX420				4G X 20	1000
STCQX610				6G X 10	1000
STCQX612				6G X 12	1000
STCQX616				6G X 16	1000
STCQX620				6G X 20	1000
STCQX625			STCQX625T17	6G X 25	1000
STCQX632				6G X 32	1000
STCQX640				6G X 40	1000
STCQX650				6G X 50	1000
STCQX810	STCQX810#2	STCQX810TR		8G X 10	1000
STCQX812	STCQX812#2	STCQX812TR		8G X 12	1000
STCQX816	STCQX816#2			8G X 16	1000
STCQX820	STCQX820#2	STCQX820TR		8G X 20	1000
STCQX825	STCQX825#2			8G X 25	1000
STCQX832	STCQX832#2			8G X 32	1000
STCQX840	STCQX840#2			8G X 40	1000
STCQX850	STCQX850#2		STCQX850T17	8G X 50	500
STCQX865	STCQX865#2			8G X 65	500
STCQX875	STCQX875#2			8G X 75	500
STCQX1012		STCQX1012TR		10G X 12	1000
STCQX1020		STCQX1020TR		10G X 20	1000
STCQX1025		STCQX1025TR		10G X 25	1000
STCQX1032				10G X 32	1000
STCQX1040		STCQXTR	STCQX1040T17	10G X 40	500
STCQX1050				10G X 50	500
STCQX1065				10G X 65	200
STCQX1075				10G X 75	200

# Self Tapping Screws Pan Head

Stainless Steel T304



T304



PART #				SIZE	PACK QTY
STPQX66				6G X 6mm	1000
STPQX610				6G x 10mm	1000
STPQX612			STPQX612T17	6G x 12mm	1000
STPQX616				6G x 16mm	1000
STPQX620		STPQX620L	STPQX620T17	6G x 20mm	1000
STPQX625		STPQX625L	STPQX625T17	6G x 25mm	1000
STPQX632		STPQX632L	STPQX632T17	6G x 32mm	1000
STPQX640			STPQX640T17	6G x 40mm	1000
STPQX650		STPQX650L	STPQX650T17	6G x 50mm	1000
STPQX812	STPQX812#2			8G x 12mm	1000
STPQX816	STPQX816#2			8G x 16mm	1000
STPQX820	STPQX820#2			8G x 20mm	1000
STPQX825	STPQX825#2	STPQX825L		8G x 25mm	1000
STPQX832	STPQX832#2		STPQX832T17	8G x 32mm	1000
STPQX840	STPQX840#2			8G x 40mm	1000
STPQX850	STPQX850#2	STPQX850L		8G x 50mm	500
STPQX865	STPQX865#2			8G x 65mm	500
STPQX875	STPQX875#2			8G x 75mm	200
STPQX1012				10G x 12mm	1000
STPQX1016				10G x 16mm	1000
STPQX1020				10G x 20mm	1000
STPQX1025				10G x 25mm	1000
STPQX1032				10G x 32mm	1000
STPQX1040				10G x 40mm	500
STPQX1050				10G x 50mm	500
STPQX1065				10G x 65mm	500
STPQX1075				10G x 75mm	200
STPQX1225#3				12G x 25mm	500
STPQX1232#3				12G x 32mm	500
STPQX1240#3				12G x 40mm	500
STPQX1250#3				12G x 50mm	500
STPQX1265#3				12G x 65mm	500
STPQX1275#3				12G x 75mm	500



# ***RAPID***

## **AUTO-FEED SCREW SYSTEM**



# **RAPID**

## AUTO-FEED SCREW SYSTEM

**Available April 2016**



The FIRST auto-feed screw driving system to have battery and power cord options.



Fast, precise and repeatable.  
Depth control.  
Increase productivity.  
Flooring, drywall, ceilings.  
Fast and lightweight.  
Easy to change parts and drive bit.  
Battery powered. Or power cable option.



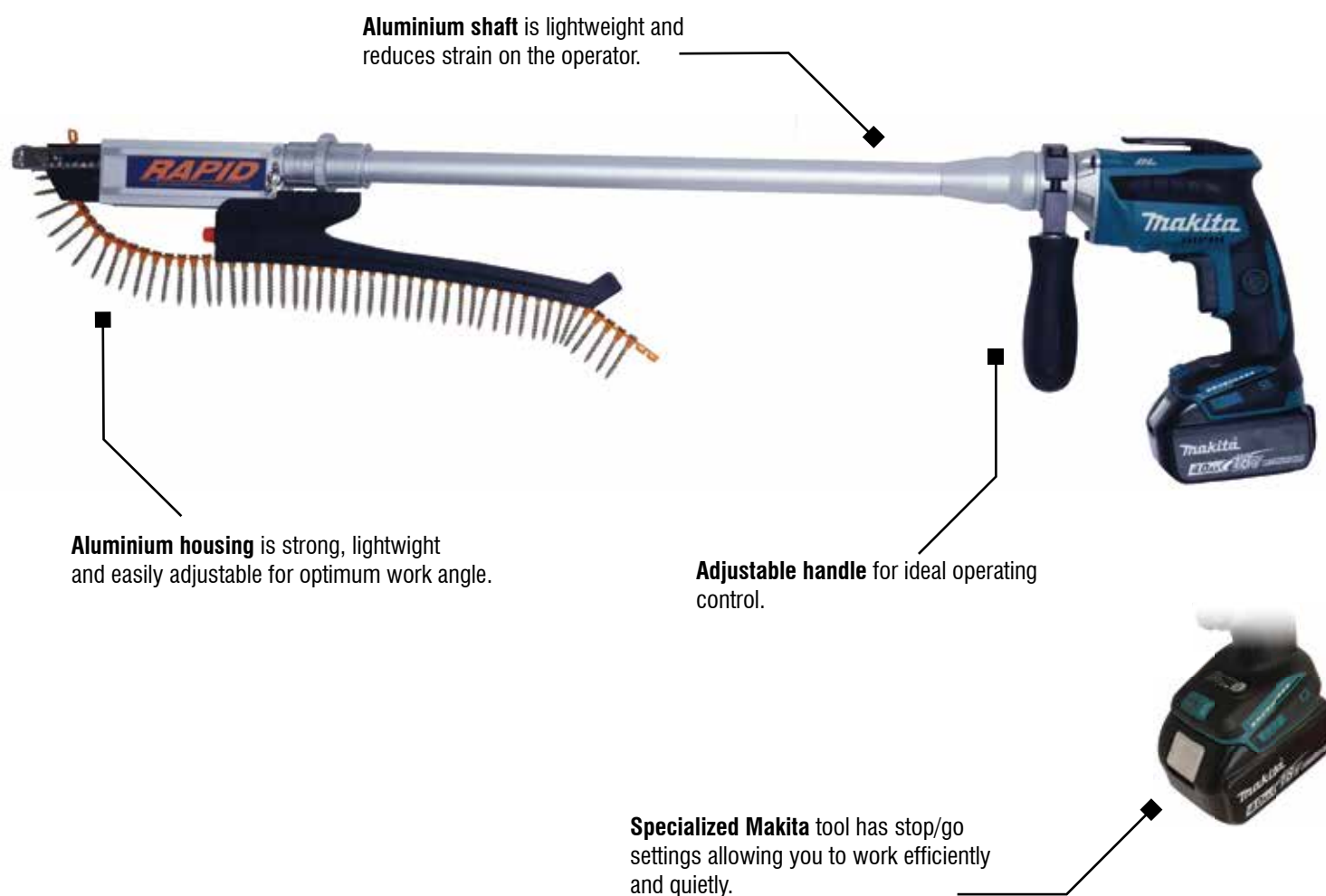
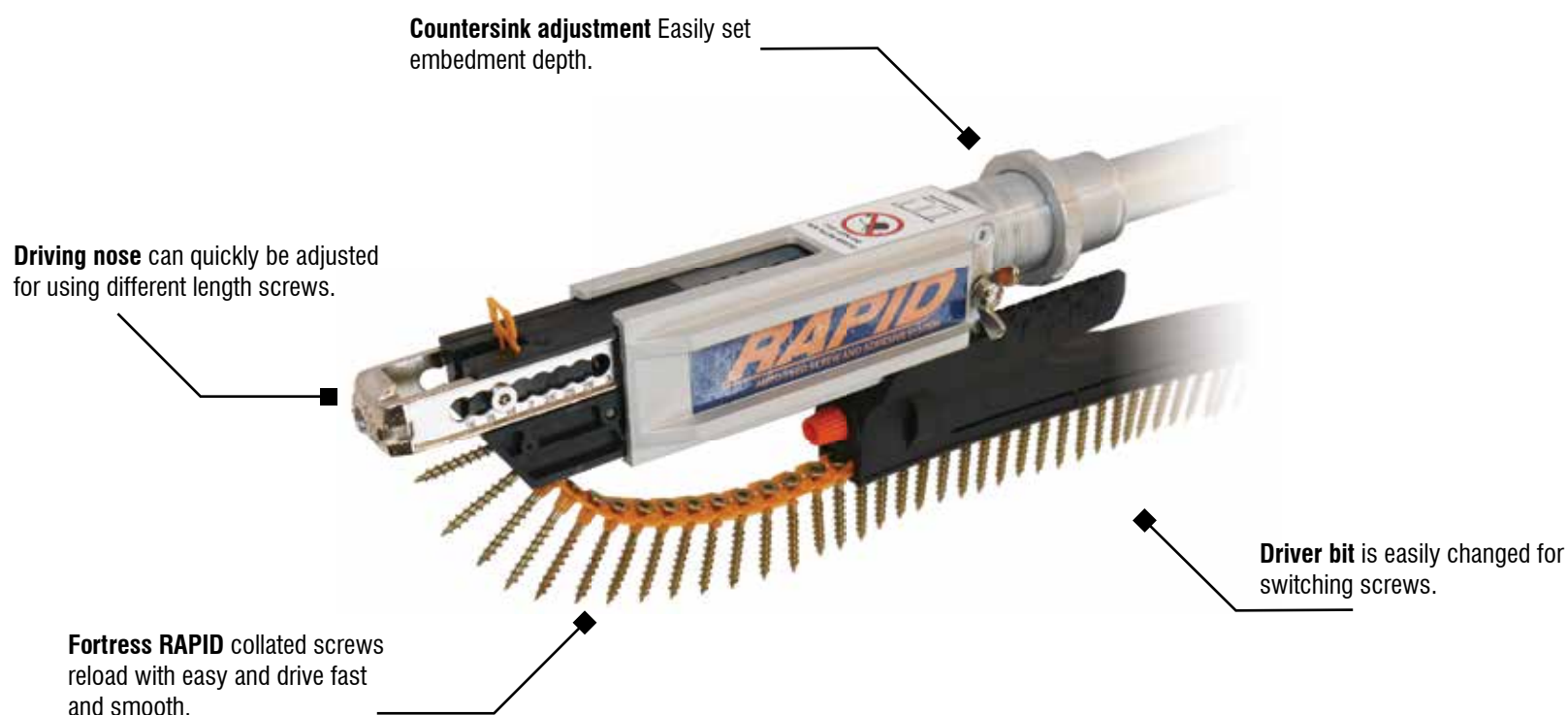
Fortress Collated RAPID Screws fix faster than anything else.  
T17. Waxed. Double threat. Torx drive.

# **Fast. Quiet. Cables optional.**



# RAPID

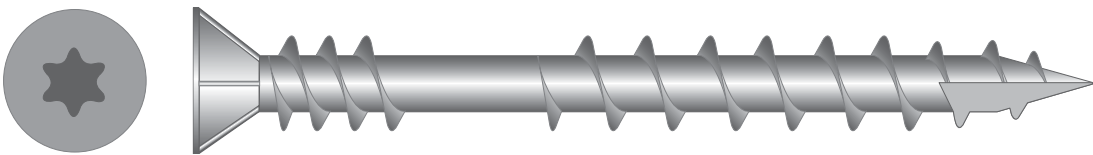
## AUTO-FEED SCREW SYSTEM



# RAPID Collated Screws

Zinc Chromate

T316 Stainless Steel



PART # - ZINC CHROMATE	PART # - T316	SIZE	PACK QTY
RAPID1050	RAPIDX1050	10G X 50 RAPID COLLATED TORX SCREW	2000
	RAPIDX1065	10G X 65 RAPID COLLATED TPRX	1000

# RAPID - Auto Feed Screw System



PART #	DESCRIPTION	PACK QTY
RAPIDTOOLCL	RAPID AUTO FEED SCREW SYSTEM CORDLESS	1
RAPIDTOOL	RAPID AUTO FEED SCREW SYSTEM	1



