



# FORTRESS<sup>®</sup>

FASTENERS

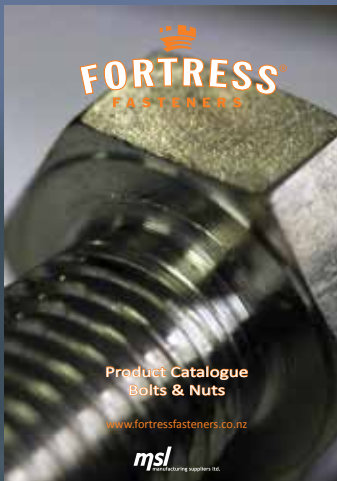


Product Catalogue  
Screws, Rivets, Hinges & Muro

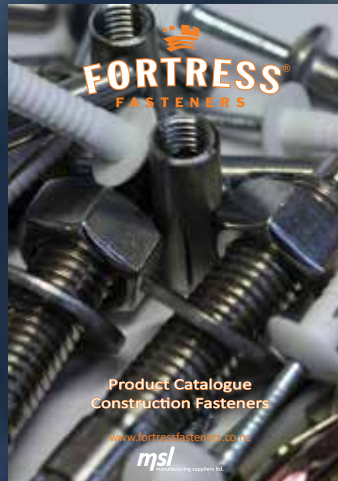
[www.fortressfasteners.co.nz](http://www.fortressfasteners.co.nz)

**msl**  
manufacturing suppliers Ltd.

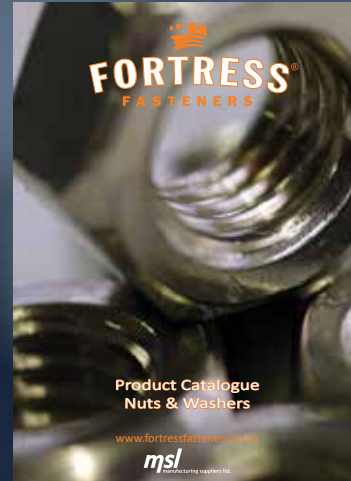
## Fortress Catalogues Now Available



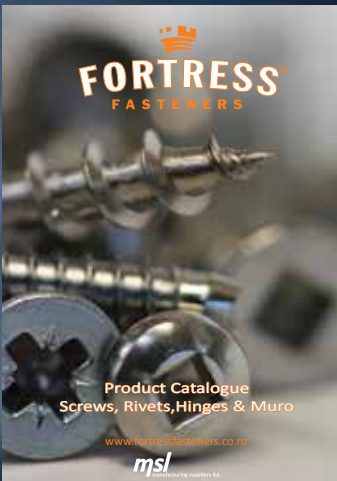
Bolts & Nuts



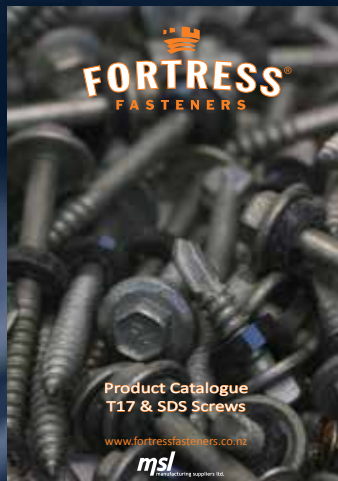
Construction Fasteners



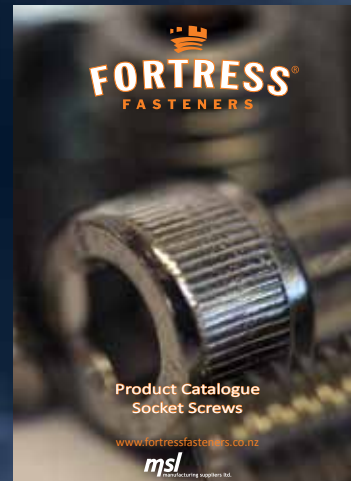
Nuts & Washers



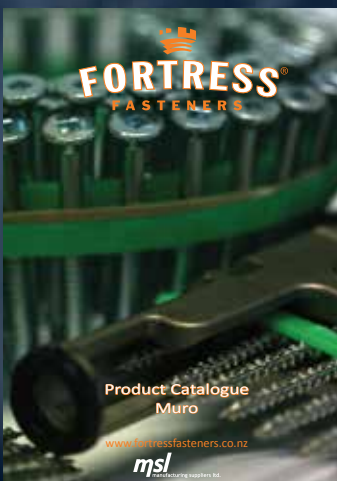
Screws, Rivets, Hinges & Muro



T17 & SDS Screws



Socket Screws



Muro - Only available online.





**FORTRESS**<sup>®</sup>  
FASTENERS

Fortress is a quality New Zealand brand conceived and distributed by MSL.

Manufacturing Suppliers Ltd (MSL) was the innovation of the company director in 1980 starting as a small operation in New Lynn, Auckland. It was his vision to meet industry demands for a range of quality fasteners backed by a dependable service. Thirty years on, this vision is still paramount, a service that delivers a range of fasteners on time, every time.

We have grown dramatically since the eighties with nine branches nationwide. Our flagship being that we remain 100% New Zealand owned and operated and continue to pride ourselves on our personal service.

Today we employ over one hundred people and have a network of fully-stocked branches carrying over 200 million items and 10,000 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 local ownership 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.

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Phone 03 343 6740  
Fax 03 343 6741



## SCREWS & RIVETS

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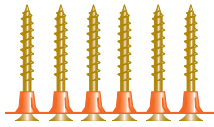
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**FORTRESS BUGLE HEAD GYPSUM COARSE - COLLATED**



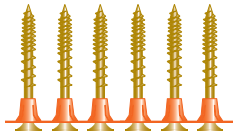
SIZE	PACK QTY	BULK QTY	CODE	BULK CODE
6G X 25	1000	5000	GYPCOL625C	GYPCOL625CBU
6G X 32	1000	5000	GYPCOL630C	GYPCOL630CBU
6G X 40	1000		GYPCOL640C	
8G X 50	500		GYPCOL850C	
8G X 57	500		GYPCOL857C	

**FORTRESS BUGLE HEAD GYPSUM COARSE - LOOSE YELLOW ZINC**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
6G X 25	1000	200	GYP625C	GYP625CJ
6G X 32	1000	200	GYP630C	GYP630CJ
6G X 45	1000	200	GYP645C	GYP645CJ

**FORTRESS BUGLE HEAD GYPSUM FINE/COARSE DUO- YELLOW ZINC**



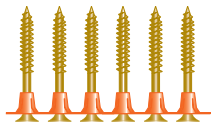
SIZE	PACK QTY	BULK QTY	CODE	BULK CODE
6G X 32	1000	5000	GYPCOL630FC	GYPCOL630FCBU
6G X 40	1000	5000	GYPCOL640FC	GYPCOL640FCBU

**FORTRESS BUGLE HEAD GYPSUM FINE/COARSE DUO- YELLOW ZINC**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
6G X 32	1000	200	GYP630FC	GYP630FCJ
6G X 45	1000	200	GYP645FC	GYP645FCJ

**FORTRESS BUGLE HEAD GYPSUM FINE - COLLATED YELLOW**



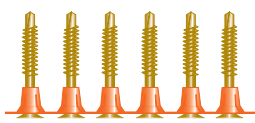
SIZE	PACK QTY	CODE
6G X 25	1000	GYPCOL625F
6G X 32	1000	GYPCOL630F
6G X 40	1000	GYPCOL640F
6G X 50	1000	GYPCOL650F

**FORTRESS BUGLE HEAD GYPSUM FINE - LOOSE YELLOW ZINC**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
6G X 25	1000	200	GYP625F	GYP625FJ
6G X 32	1000	200	GYP630F	GYP630FJ
6G X 45	1000	200	GYP645F	GYP645FJ

**FORTRESS BUGLE HEAD GYPSUM TEKS FINE - COLLATED YELLOW ZINC**



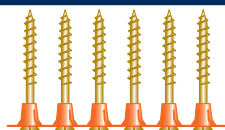
SIZE	PACK QTY	CODE
6G X 25	1000	TKGYPCOL625
6G X 32	1000	TKGYPCOL630
6G X 40	1000	TKGYPCOL640
6G X 55	500	TKGYPCOL655

**FORTRESS BUGLE HEAD GYPSUM TEKS FINE - LOOSE YELLOW ZINC**



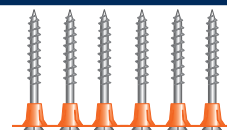
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
6G X 25	1000	200	TKGYP625	TKGYP625J
6G X 32	1000	200	TKGYP630	TKGYP630J
6G X 45	1000	200	TKGYP645	TKGYP645J

**FORTRESS SUREFAST COLLATED - COUNTERSUNK PHILLIPS YELLOW ZINC**



SIZE	PACK QTY	CODE
8G X 40	1000	SFCOL840
8G X 50	500	SFCOL850

**FORTRESS SUREFAST COLLATED - COUNTERSUNK PHILLIPS S/S T316**



SIZE	PACK QTY	CODE
8G X 40	1000	SFCOLX840
8G X 50	500	SFCOLX850



**FORTRESS SUREFAST WOOD SCREWS - ZINC CHROMATE**



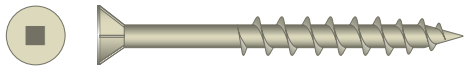
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
6G X 16	1000	200	SFQ616P	SFQ616J
6G X 20	1000	200	SFQ620P	SFQ620J
6G X 25	1000	200	SFQ625P	SFQ625J
6G X 32	1000	200	SFQ632P	SFQ632J
6G X 40	1000	200	SFQ640P	SFQ640J
8G X 16	1000	200	SFQ816P	SFQ816J
8G X 20	1000	200	SFQ820P	SFQ820J
8G X 25	1000	200	SFQ825P	SFQ825J
8G X 28	1000	200	SFQ828P	SFQ828J
8G X 32	1000	200	SFQ832P	SFQ832J
8G X 40	1000	200	SFQ840P	SFQ840J
8G X 45	1000	200	SFQ845P	SFQ845J
8G X 50	1000	100	SFQ850P	SFQ850J
8G X 65	500	100	SFQ865P	SFQ865J
10G X 50	500	100	SFQ1050P	SFQ1050J
10G X 65	500	100	SFQ1065P	SFQ1065J
10G X 75	500	50	SFQ1075P	SFQ1075J
10G X 100	250	50	SFQ10100P	SFQ10100J

**FORTRESS SUREFAST WOOD SCREWS -STAINLESS STEEL**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
8G X 20	1000	200	SFQX820P	SFQX820J
8G X 25	1000	200	SFQX825P	SFQX825J
8G X 32	1000	200	SFQX832P	SFQX832J
8G X 40	1000	200	SFQX840P	SFQX840J
8G X 45	1000	200	SFQX845P	SFQX845J
8G X 50	1000	100	SFQX850P	SFQX850J
8G X 65	500	100	SFQX865P	SFQX865J
10G X 50	500	100	SFQX1050P	SFQX1050J
10G X 65	500	100	SFQX1065P	SFQX1065J
10G X 75	500	50	SFQX1075P	SFQX1075J
10G X 90	500	50	SFQX1090P	SFQX1090J
10G X 100	200	50	SFQX10100P	SFQX10100J
12G X 50	500	50	SFQX1250P	SFQX1250J
12G X 65	500	50	SFQX1265P	SFQX1265J

**FORTRESS SUREFAST WOOD SCREWS - CLASS 3**



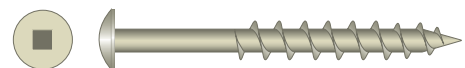
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
8G X 25	1000	200	SFQ825CL3	SFQ825CL3J
8G X 32	1000	200	SFQ832CL3	SFQ832CL3J
8G X 40	1000	200	SFQ840CL3	SFQ840CL3J
8G X 45	1000	200	SFQ845CL3	SFQ845CL3J
8G X 50	1000	100	SFQ850CL3	SFQ850CL3J
8G X 65	500	100	SFQ865CL3	SFQ865CL3J
10G X 50	500	100	SFQ1050CL3	SFQ1050CL3J
10G X 65	500	100	SFQ1065CL3	SFQ1065CL3J
10G X 75	500	50	SFQ1075CL3	SFQ1075CL3J
10G X 90	250	50	SFQ1090CL3	SFQ1090CL3J
10G X 100	250	50	SFQ10100CL3	SFQ10100CL3J

**FORTRESS SUREFAST WOOD SCREWS - ZINC CHROMATE PAN HEAD**



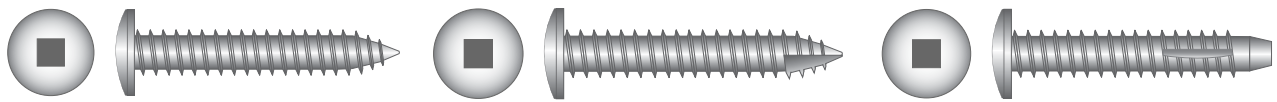
SIZE	PACK QTY	CODE
8G X 12	1000	SFPP812
8G X 16	1000	SFPP816
8G X 20	1000	SFPP820
8G X 25	1000	SFPP825
8G X 32	1000	SFPP832

**FORTRESS SUREFAST WOOD SCREWS - CLASS 4 PAN HEAD**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
8G X12	1000	200	SFPQ812CL4	SFPQ812CL4J
8G X 25	1000	200	SFPQ825CL4	SFPQ825CL4J
8G X 32	1000		SFPQ832CL4	

FORTRESS SELF TAPPERS - STAINLESS STEEL PAN HEAD SQUARE DRIVE T304



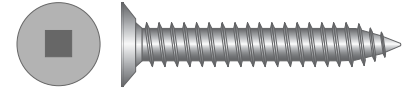
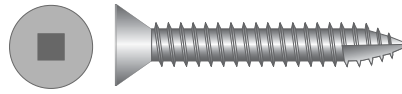
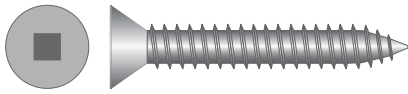
T17 POINT

LEAD POINT

SIZE	PACK QTY	JAR QTY	# DRIVE	JAR CODE	CODE	#2 CODE	LEAD PT	T17 PT
4 X 10	1000		#0		STPQX410			
4 X 12	1000		#0		STPQX412			
6G X 6	1000		#1		STPQX66			
6G X 10	1000	200	#1	STPQX610J	STPQX610			
6G X 12	1000	200	#1	STPQX612J	STPQX612			STPQX612T17
6G X 16	1000	200	#1	STPQX616J	STPQX616			
6G X 20	1000	200	#1	STPQX620J	STPQX620		STPQX620L	STPQX620T17
6G X 25	1000	200	#1	STPQX625J	STPQX625		STPQX625L	STPQX625T17
6G X 32	1000	200	#1	STPQX632J	STPQX632		STPQX632L	STPQX632T17
6G X 40	1000	200	#1	STPQX640J	STPQX640			STPQX640T17
6G X 50	1000	200	#1	STPQX650J	STPQX650		STPQX650L	STPQX650T17
8G X 10 (6G HEAD)	1000		#1		STPQX8106G			
8G X 12	1000	200	#1/#2	STPQX812J	STPQX812	STPQX812#2		
8G X 16	1000	200	#1/#2	STPQX816J	STPQX816	STPQX816#2		
8G X 20	1000	200	#1/#2	STPQX820J	STPQX820	STPQX820#2		
8G X 25	1000	200	#1/#2	STPQX825J	STPQX825	STPQX825#2	STPQX825L	
8G X 32	1000	200	#1/#2	STPQX832J	STPQX832	STPQX832#2		STPQX832T17
8G X 40	1000	200	#1/#2	STPQX840J	STPQX840	STPQX840#2		
8G X 50	500	100	#1/#2	STPQX850J	STPQX850	STPQX850#2	STPQX850L	
8G X 65	500		#1/#2		STPQX865	STPQX865#2		
8G X 75	200		#1/#2		STPQX875	STPQX875#2		
10G X 12	1000	200	#2	STPQX1012J	STPQX1012			
10G X 16	1000	200	#2	STPQX1016J	STPQX1016			
10G X 20	1000	200	#2	STPQX1020J	STPQX1020			
10G X 25	1000	200	#2	STPQX1025J	STPQX1025			
10G X 32	1000	200	#2	STPQX1032J	STPQX1032			
10G X 40	500	100	#2	STPQX1040J	STPQX1040			
10G X 50	500		#2		STPQX1050			
10G X 65	500		#2		STPQX1065			
10G X 75	200		#2		STPQX1075			
12G X 32	500		#3		STPQX1232			
14G X 25	200		#3		STPQX1425			
14G X 40	100		#3		STPQX1440			
14G X 50	100		#3		STPQX1450			
14G X 75	100		#3		STPQX1475			



**FORTRESS SELF TAPPERS - STAINLESS STEEL COUNTERSUNK HEAD SQUARE DRIVE T304**



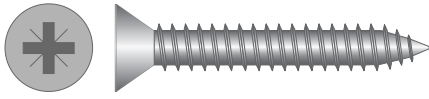
T17 POINT

TRUNCATED HEAD

SIZE	PACK QTY	JAR QTY	# DRIVE	JAR CODE	CODE	#2 CODE	TRUNCATED	T17 PT
4G X 12	1000		#1		STCQX412			
4G X 20	1000		#1		STCQX420			
6G X 10	1000		#1		STCQX610			
6G X 12	1000	200	#1	STCQX612J	STCQX612			
6G X 15 TYPE B	1000		#1		STCQX615TB			
6G X 16	1000	200	#1	STCQ616J	STCQX616			
6G X 20	1000	200	#1	STCQX620J	STCQX620			
6G X 25	1000	200	#1	STCQX625J	STCQX625			STCQX625T17
6G X 27 TYPE B	1000		#1		STCQX627TB			
6G X 32	1000	200	#1	STCQX632J	STCQX632			
6G X 40	1000	200	#1	STCQX640J	STCQX640			
6G X 50	1000		#1		STCQX650			
8G X 10	1000		#1		STCQX810	STCQX810#2	STCQX810TR	
8G X 12	1000	200	#1	STCQX812J	STCQX812	STCQX812#2	STCQX812TR	
8G X 16	1000	200	#1	STCQX816J	STCQX816	STCQX816#2		
8G X 20	1000	200	#1/#2	STCQX820J	STCQX820	STCQX820#2	STCQX820TR	
8G X 25	1000	200	#1/#2	STCQX825J	STCQX825	STCQX825#2		
8G X 25 BLACK ZINC	1000		#1/#2		STCQX825B	STCQX825B		
8G X 32	1000	200	#1/#2	STCQX832J	STCQX832	STCQX832#2		
8G X 40	1000	200	#1/#2	STCQX840J	STCQX840	STCQX840#2		
8G X 50	500	100	#1/#2	STCQX850J	STCQX850	STCQX850#2		STCQX850T17
8G X 65	500		#1/#2		STCQX865	STCQX865#2		
8G X 75	500		#1/#2		STCQX875	STCQX875#2		
10G X 12	1000	200	#2	STCQX1012J	STCQX1012		STCQX1012TR	
10G X 20 9G HEAD	1000		#2	STCQX1020J	STCQX10209			
10G X 20	1000	200	#2		STCQX1020		STCQX1020TR	
10G X 25	1000	200	#2	STCQX1025J	STCQX1025		STCQX1025TR	
10G X 25 9G HEAD	1000		#2		STCQX10259			
10G X 32	1000	200	#2	STCQX1032J	STCQX1032			
10G X 32 9G HEAD	1000		#2		STCQX10329			
10G X 40	500		#2		STCQX1040		STCQX1040TR	
10G X 50	500	100	#2	STCQX1050J	STCQX1050			
10G X 65	200		#2		STCQX1065			
10G X 75	200		#2		STCQX1075			

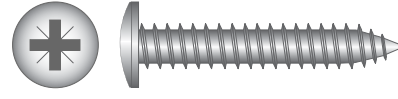
FORTRESS SELF TAPPERS - ZINC PAN POZI					FORTRESS SELF TAPPERS - ZINC COUNTERSUNK POZI		
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE	SIZE	PACK QTY	CODE
4G X 6	1000		STPP46Z		4G X 12	1000	STCP412Z
4G X 10	1000	200	STPP410Z	STPP410ZJ	6G X 10	1000	STCP610Z
4G X 12	1000	200	STPP412Z	STPP412ZJ	6G X 12	1000	STCP612Z
4G X 16	1000	200	STPP416Z	STPP416ZJ	6G X 16	1000	STCP616Z
4G X 20	1000	200	STPP420Z	STPP420ZJ	6G X 20	1000	STCP620Z
4G X 25	1000		STPP425Z		6G X 25	1000	STCP625Z
6G X 6	1000		STPP66Z		6G X 40	1000	STCP640Z
6G X 10	1000	200	STPP610Z	STPP610ZJ	8G X 20	1000	STCP820Z
6G X 12	1000	200	STPP612Z	STPP612ZJ	8G X 25	1000	STCP825Z
6G X 16	1000	200	STPP616Z	STPP616ZJ	8G X 32	1000	STCP832Z
6G X 20	1000	200	STPP620Z	STPP620ZJ	8G X 40	1000	STCP840Z
6G X 25	1000	200	STPP625Z	STPP625ZJ	10G X 20	1000	STCP1020Z
6G X 32	1000	200	STPP632Z	STPP632ZJ	10G X 25	1000	STCP1025Z
6G X 40	1000	200	STPP640Z	STPP640ZJ	10G X 40	1000	STCP1040Z
8G X 10	1000	200	STPP810Z	STPP810ZJ	10G X 50	500	STCP1050Z
8G X 12	1000	200	STPP812Z	STPP812ZJ	10G X 75	500	STCP1075Z
8G X 16	1000	200	STPP816Z	STPP816ZJ	12G X 25	1000	STCP1225Z
8G X 20	1000	200	STPP820Z	STPP820ZJ	12G X 32	1000	STCP1232Z
8G X 25	1000	200	STPP825Z	STPP825ZJ	12G X 40	500	STCP1240Z
8G X 32	1000	200	STPP832Z	STPP832ZJ	12G X 50	500	STCP1250Z
8G X 40	1000	200	STPP840Z	STPP840ZJ	12G X 65	500	STCP1265Z
8G X 45	1000	100	STPP845Z	STPP845ZJ	12G X 75	500	STCP1275Z
8G X 50	500		STPP850Z		14G X 32	500	STCP1432Z
10G X 10	1000		STPP1010Z				
10G X 12	1000	200	STPP1012Z	STPP1012ZJ			
10G X 16	1000	200	STPP1016Z	STPP1016ZJ			
10G X 20	1000	200	STPP1020Z	STPP1020ZJ			
10G X 25	1000	200	STPP1025Z	STPP1025ZJ			
10G X 32	500	200	STPP1032Z	STPP1032ZJ			
10G X 40	500	100	STPP1040Z	STPP1040ZJ			
10G X 50	500	100	STPP1050Z	STPP1050ZJ			
12G X 20	1000	200	STPP1220Z	STPP1220ZJ			
12G X 25	1000	200	STPP1225Z	STPP1225ZJ			
12G X 32	1000	100	STPP1232Z	STPP1232ZJ			
12G X 40	500	100	STPP1240Z	STPP1240ZJ			
12G X 50	500	100	STPP1250Z	STPP1250ZJ			
12G X 65	500		STPP1265Z				

**FORTRESS SELF TAPPERS - S/S COUNTERSUNK POZI T304**



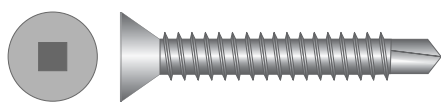
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
4G X 10	2000		STCPX410	
4G X 12	2000	200	STCPX412	STCPX412J
6G X 10	2000	200	STCPX610	STCPX610J
6G X 12	1000	200	STCPX612	STCPX612J
6G X 16	1000	200	STCPX616	STCPX616J
6G X 20	1000	200	STCPX620	STCPX620J
6G X 20 T17	1000		STCPX620T17	
6G X 25	1000	200	STCPX625	STCPX625J
6G X 32	1000	200	STCPX632	STCPX632J
6G X 40	1000	200	STCPX640	STCPX640J
6G X 40 T17	1000		STCPX640T17	
6G X 50	1000		STCPX650	
8G X 10	1000		STCPX810	
8G x 10 6g Head	1000		STCPX8106G	
8G X 12	1000	200	STCPX812	STCPX812J
8G X 16	1000	200	STCPX816	STCPX816J
8G X 20	1000	200	STCPX820	STCPX820J
8G X 25	1000	200	STCPX825	STCPX825J
8G X 32	1000	200	STCPX832	STCPX832J
8G X 40	1000	200	STCPX840	STCPX840J
8G X 50	500	100	STCPX850	STCPX850J
10G X 12	1000		STCPX1012	
10G X 16	1000		STCPX1016	
10G X 20	1000	200	STCPX1020	STCPX1020J
10G X 25	1000	200	STCPX1025	STCPX1025J
10G X 32	1000	200	STCPX1032	STCPX1032J
10G X 40	100	100	STCPX1040	STCPX1040J
10G X 50	500	100	STCPX1050	STCPX1050J
10G X 65	500		STCPX1065	

**FORTRESS SELF TAPPERS - S/S PAN POZI T304**



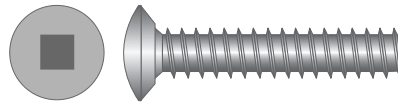
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
4G X 6	2000		STPPX46	
4G X 10	2000		STPPX410	
4G X 12	2000		STPPX412	
4G X 16	1000		STPPX416	
4G X 20	1000		STPPX420	
4G X 25	1000		STPPX425	
6G X 8 TYPE B	1000		STPPX68TB	
6G X 10	1000	200	STPPX610	STPPX610J
6G X 10 TYPEB	1000		STPPX610TB	
6G X 12	1000		STPPX612	
6G X 12 TYPEB	1000		STPPX612TB	
6G X 14 TYPEB	1000		STPPX614TB	
6G X 16	1000	200	STPPX616	STPPX616J
6G X 20	1000	200	STPPX620	STPPX620J
6G X 25	1000	200	STPPX625	STPPX625J
6G X 32	1000	200	STPPX632	STPPX632J
6G X 40	1000		STPPX640	
6G X 50	1000	100	STPPX650	STPPX650J
8G X 10	1000		STPPX810	
8G X 12	1000	200	STPPX812	STPPX812J
8G X 16	1000	200	STPPX816	STPPX816J
8G X 20	1000	200	STPPX820	STPPX820J
8G X 25	1000	200	STPPX825	STPPX825J
8G X 32	1000	200	STPPX832	STPPX832J
8G X 40	1000	200	STPPX840	STPPX840J
8G X 50	1000	100	STPPX850	STPPX850J
8G X 65	200		STPPX865	
8G X 75	500		STPPX875	
10G X 20	1000	200	STPPX1020	STPPX1020J
10G X 25	1000	200	STPPX1025	STPPX1025J
10G X 32	1000	200	STPPX1032	STPPX1032J
10G X 40	1000	100	STPPX1040	STPPX1040J
10G X 50	500	100	STPPX1050	STPPX1050J

**FORTRESS SELF TAPPERS - S/S COUNTERSUNK SQUARE SDS**



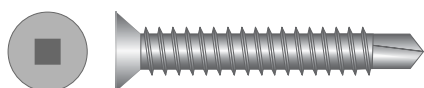
SIZE	PACK QTY	CODE
M4 X11	1000	TKCQXM411BLK
M4 X 14	1000	TKCQXM414BLK
M4 X 16	1000	TKCQXM416BLK
M4 X 20	1000	TKCQXM420BLK
M5 X 15	1000	TKCQXM515BLK
M5 X 17	1000	TKCQXM517BLK
8G X 16	1000	TKCQX816BLK
8G X 20	1000	TKCQXM820BLK
10G X 16 TR	1000	TKCQX1016TBLK

**SELF TAPPERS - S/S RAISED COUNTERSUNK SQUARE**



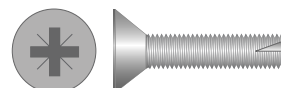
SIZE	PACK QTY	FINISH	CODE
8G X 10	1000	BLACK	STRQX810TBLK
8G X 10	1000	PLAIN	STRQX810TR

**FORTRESS SELF TAPPERS - S/S COUNTERSUNK SQUARE SDS**



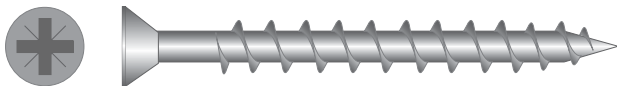
SIZE	PACK QTY	FINISH	CODE
8-32 X 12	1000	PLAIN	TKCQX812
8-32 X 12	1000	BLACK	TKCQX812BLK

**FORTRESS COUNTERSUNK DECKING SCREWS TYPE 23- ZINC**



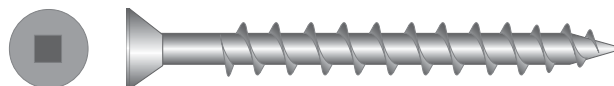
SIZE	PACK QTY	CODE
M6 X 25	100	MCPHM625D
M6 X 35	100	MCPHM635D
M6 X 45	100	MCPHM645D
M6 X 50	100	MCPHM650D
M6 X 55	100	MCPHM655D
M6 X 65	100	MCPHM665D

**FORTRESS SELF TAPPERS - S/S CSK POZI COMP SHEET SCREW T316**



SIZE	PACK QTY	JAR QTY	CODE
10G X 40	1000		STCPX1040T
10G X 40		100	STCPX1040TJ
10G X 50	1000		STCPX1050T

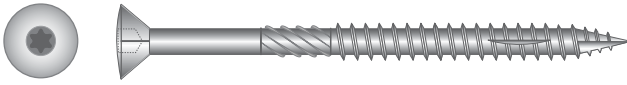
**FORTRESS SELF TAPPERS - S/S CSK SQUARE COMP SHEET**



SIZE	PACK QTY	JAR QTY	CODE
10G X 40	1000		STCQX1040T
10G X 40		100	STCQX1040TJ
10G X 50	1000		STCQX1050T



**FORTRESS COUNTERSUNK TORX DECKING SCREWS T304**



SIZE	PACK QTY	BOX QTY	PACK CODE	BOX CODE
10G X 60	100	1000	DECKX1060P100	DECKX1060P
10G X 75	100	1000	DECKX1075P100	DECKX1075P
12G X 75	100	1000	DECKX1275P100	DECKX1275P
12G X 90	100	1000	DECKX1290P100	DECKX1290P

**FORTRESS COUNTERSUNK TORX DECKING SCREWS T316**



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

**ALL PACKETS INCLUDE FREE DRIVER BIT**

**ALL PACKETS INCLUDE FREE DRIVER BIT**

**FORTRESS COUNTERSUNK TORX DECKING SCREWS T304 BRONZE**



SIZE	PACK QTY	BOX QTY	PACK CODE	BOX CODE
10G X 60	100	1000	DECKX1060BR100	DECKX1060BR
10G X 75	100	1000	DECKX1075BR100	DECKX1075BR
12G X 75		1000		DECKX1275BR
12G X 90		1000		DECKX1290BR

**ALL PACKETS INCLUDE FREE DRIVER BIT**

**LEADING SOLUTIONS FOR INDUSTRY**

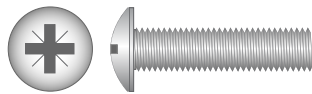
**southco**<sup>®</sup>  
AUTHORISED DISTRIBUTOR



Panel/Door Latches and Locks    Electronic Access Solutions  
 Quick Access Fasteners    Captive Screws  
 Hinges/Position Control    Handles  
 Inject/Eject Mechanisms    Inserts and Standoffs  
 Marine Deck Hardware

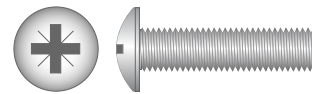
■ POSITION IT    ■ SEAL IT    ■ CONTROL IT    ■ SECURE IT    ■ COMPRESS IT

**FORTRESS MACHINE SCREWS - ZINC PAN POZI**



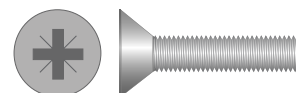
SIZE	PACK QTY	CODE
M3 X 6	200	MPPM36Z
M3 X 8	200	MPPM38Z
M3 X 10	200	MPPM310Z
M3 X 12	200	MPPM312Z
M3 X 16	200	MPPM316Z
M3 X 20	200	MPPM320Z
M3 X 25	200	MPPM325Z
M3 X 30	200	MPPM330Z
M3 X 35	200	MPPM335Z
M3 X 40	200	MPPM340Z
M4 X 6	200	MPPM46Z
M4 X 8	200	MPPM48Z
M4 X 10	200	MPPM410Z
M4 X 12	200	MPPM412Z
M4 X 16	200	MPPM416Z
M4 X 20	200	MPPM420Z
M4 X 25	200	MPPM425Z
M4 X 30	200	MPPM430Z
M4 X 35	200	MPPM435Z
M4 X 40	200	MPPM440Z
M4 X 45	200	MPPM445Z
M4 X 50	200	MPPM450Z
M5 X 6	200	MPPM56Z
M5 X 8	200	MPPM58Z
M5 X 10	200	MPPM510Z
M5 X 12	200	MPPM512Z
M5 X 16	200	MPPM516Z
M5 X 20	200	MPPM520Z
M5 X 25	200	MPPM525Z
M5 X 30	200	MPPM530Z
M5 X 35	200	MPPM535Z
M5 X 40	200	MPPM540Z
M5 X 45	200	MPPM545Z
M5 X 50	200	MPPM550Z
M6 X 10	200	MPPM610Z
M6 X 12	200	MPPM612Z
M6 X 16	200	MPPM616Z
M6 X 20	200	MPPM620Z
M6 X 25	200	MPPM625Z
M6 X 30	200	MPPM630Z

**FORTRESS MACHINE SCREWS - ZINC PAN POZI**



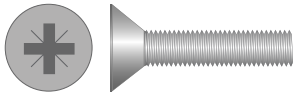
SIZE	PACK QTY	CODE
M6 X 35	200	MPPM635Z
M6 X 40	200	MPPM640Z
M6 X 50	200	MPPM650Z
M8 X 16	200	MPPM816Z
M8 X 20	200	MPPM820Z
M8 X 25	200	MPPM825Z
M8 X 30	200	MPPM830Z
M8 X 40	200	MPPM840Z
M8 X 50	200	MPPM850Z

**FORTRESS MACHINE SCREWS - ZINC COUNTERSUNK POZI**



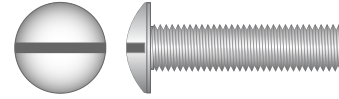
SIZE	PACK QTY	CODE
M2.5 X 6	200	MCPM256Z
M2.5 X 10	200	MCPM2510Z
M3 X 6	200	MCPM36Z
M3 X 8	200	MCPM38Z
M3 X 10	200	MCPM310Z
M3 X 12	200	MCPM312Z
M3 X 16	200	MCPM316Z
M3 X 20	200	MCPM320Z
M4 X 6	200	MCPM46Z
M4 X 8	200	MCPM48Z
M4 X 10	200	MCPM410Z
M4 X 12	200	MCPM412Z
M4 X 16	200	MCPM416Z
M4 X 20	200	MCPM420Z
M4 X 25	200	MCPM425Z
M5 X 10	200	MCPM510Z
M5 X 12	200	MCPM512Z
M5 X 16	200	MCPM516Z
M5 X 25	200	MCPM525Z
M5 X 35	200	MCPM535Z
M5 X 40	200	MCPM540Z
M5 X 50	200	MCPM550Z
M6 X 16	200	MCPM616Z
M6 X 20	200	MCPM620Z
M6 X 25	200	MCPM625Z
M6 X 30	200	MCPM630Z

**FORTRESS MACHINE SCREWS - ZINC COUNTERSUNK POZI**



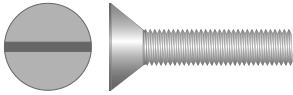
SIZE	PACK QTY	CODE
M6 X 35	200	MCPM635Z
M6 X 40	200	MCPM640Z
M6 X 50	200	MCPM650Z
M8 X 25	200	MCPM825Z
M8 X 30	200	MCPM830Z
M8 X 40	200	MCPM840Z

**FORTRESS MACHINE SCREWS - ZINC PAN SLOT**



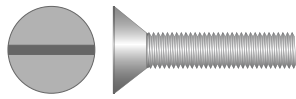
SIZE	PACK QTY	CODE
M3 X 20	100	MPSM320Z
M3 X 25	100	MPSM325Z
M3 X 30	100	MPSM330Z
M3 X 35	100	MPSM335Z
M3 X 40	100	MPSM340Z
M3 X 50	100	MPSM350Z
M4 X 6	100	MPSM46Z
M4 X 8	100	MPSM48Z
M4 X 10	100	MPSM410Z
M4 X 12	100	MPSM412Z
M4 X 16	100	MPSM416Z
M4 X 20	100	MPSM420Z
M4 X 25	100	MPSM425Z
M4 X 30	100	MPSM430Z
M4 X 35	100	MPSM435Z
M4 X 40	100	MPSM440Z
M4 X 50	100	MPSM450Z
M5 X 8	100	MPSM58Z
M5 X 10	100	MPSM510Z
M5 X 12	100	MPSM512Z
M5 X 16	100	MPSM516Z
M5 X 20	100	MPSM520Z
M5 X 30	100	MPSM530Z
M5 X 35	100	MPSM535Z
M5 X 40	100	MPSM540Z
M5 X 50	100	MPSM550Z
M6 X 10	100	MPSM610Z
M6 X 12	100	MPSM612Z
M6 X 16	100	MPSM616Z
M6 X 20	100	MPSM620Z
M6 X 30	100	MPSM630Z
M6 X 35	100	MPSM635Z
M6 X 40	100	MPSM640Z
M6 X 45	100	MPSM645Z
M6 X 50	100	MPSM650Z
M6 X 75	100	MPSM675Z
M8 X 20	100	MPSM820Z
M8 X 25	100	MPSM825Z

**FORTRESS MACHINE SCREWS - ZINC COUNTERSUNK SLOT**



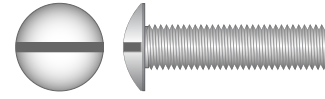
SIZE	PACK QTY	CODE
M3 X 12	100	MCSM312Z
M3 X 20	100	MCSM320Z
M3 X 25	100	MCSM325Z
M4 X 6	100	MCSM46Z
M4 X 8	100	MCSM48Z
M4 X 10	100	MCSM410Z
M4 X 12	100	MCSM412Z
M4 X 16	100	MCSM416Z
M4 X 20	100	MCSM420Z
M4 X 30	100	MCSM430Z
M4 X 40	100	MCSM440Z
M5 X 8	100	MCSM58Z
M5 X 10	100	MCSM510Z
M5 X 12	100	MCSM512Z
M5 X 16	100	MCSM516Z
M5 X 25	100	MCSM525Z
M5 X 30	100	MCSM530Z
M5 X 40	100	MCSM540Z
M6 X 12	100	MCSM612Z
M6 X 16	100	MCSM616Z
M6 X 20	100	MCSM620Z
M6 X 25	100	MCSM625Z
M6 X 30	100	MCSM630Z
M6 X 40	100	MCSM640Z
M6 X 50	100	MCSM650Z
M6 X 65	100	MCSM665Z

**FORTRESS MACHINE SCREWS - COUNTERSUNK SLOT ZINC PLATED**



SIZE	PACK QTY	CODE
1/8 X 1"	100	MCS181Z
5/32 X 1 1/2"	100	MCS532112Z
5/32 X 1 1/4"	100	MCS532114Z
5/32 X 1/4"	100	MCS53214Z
5/32 X 1"	100	MCS5321Z
5/32 X 2"	100	MCS5322Z
5/32 X 3/4"	100	MCS53234Z
3/16 X 1 1/2"	100	MCS316112Z
3/16 X 1 1/4"	100	MCS316114Z
3/16 X 1"	100	MCS316Z1Z
3/16 X 3/4"	100	MCS31634Z
3/16 X 5/8"	100	MCS31658Z
1/4 X 1 1/4"	100	MCS14114Z
1/4 X 2"	100	MCS142Z

**FORTRESS MACHINE SCREWS - ROUND SLOT ZINC PLATED**



SIZE	PACK QTY	CODE
1/8 X 1 1/2"	100	MRS18112Z
1/8 X 1/2"	100	MRS1812Z
1/8 X 1/4"	100	MRS1814Z
1/8 X 1"	100	MRS181Z
1/8 X 3/4"	100	MRS1834Z
1/8 X 3/8"	100	MRS1838Z
1/8 X 5/8"	100	MRS1858Z
5/32 X 1 1/2"	100	MRS532112Z
5/32 X 1 1/4"	100	MRS53214Z
5/32 X 1/2"	100	MRS53212Z
5/32 X 1 3/4"	100	MRS532134Z
5/32 X 1/4"	100	MRS53214Z
5/32 X 1"	100	MRS5321Z
5/32 X 2"	100	MRS5322Z
3/16 X 1/2"	100	MRS31612Z
3/16 X 1 3/4"	100	MRS316134Z
3/16 X 1/4"	100	MRS31614Z
3/16 X 1"	100	MRS3161Z
3/16 X 2 1/2"	100	MRS316212Z
3/16 X 2"	100	MRS3162Z
3/16 X 3/4"	100	MRS31634Z
3/16 X 3/8"	100	MRS31638Z
3/16 X 3"	100	MRS3163Z
3/16 X 5/8"	100	MRS31658Z
1/4 X 1 1/2"	100	MRS14112Z
1/4 X 1 1/4"	100	MRS14114Z
1/4 X 1/2"	100	MRS1412Z
1/4 X 1"	100	MRS141Z
1/4 X 2 1/4"	100	MRS14214Z
1/4 X 2"	100	MRS142Z
1/4 X 3/4"	100	MRS1434Z
5/16 X 1"	100	MRS5161Z
5/16 X 2"	100	MRS5162Z

**ENGINEERED FASTENERS**



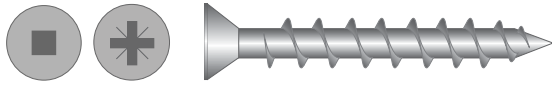
- Captive Screws • Sheetmetal Nuts •
- Studs & Pins • Standoffs •
- Cable Tie Mounts & Hooks •





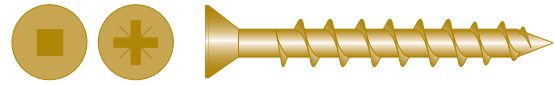
FORTRESS TWINFAST SCREWS - ZINC COUNTERSUNK POZI					FORTRESS TWINFAST SCREWS - BMA COUNTERSUNK POZI				
									
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE	SIZE	PACK QTY	JAR QTY	CODE	JAR CODE
4G X 12	1000	200	TF412Z	TF412ZJ	4G X 12	1000	200	TF412F	TF412FJ
4G X 16	1000	200	TF416Z	TF416ZJ	4G X 16	1000	200	TF416F	TF416FJ
4G X 20	1000	200	TF420Z	TF420ZJ	4G X 20	1000	200	TF420F	TF420FJ
5G X 12	1000	200	TF512Z	TF512ZJ	5G X 10	1000		TF510F	
5G X 16	1000	200	TF516Z	TF516ZJ	5G X 12	1000	200	TF512F	TF512FJ
5G X 20	1000	200	TF520Z	TF520ZJ	5G X 16	1000	200	TF516F	TF516FJ
5G X 25	1000	200	TF525Z	TF525ZJ	5G X 20	1000	200	TF520F	TF520FJ
6G X 12	1000	200	TF612Z	TF612ZJ	5G X 25	1000	200	TF525F	TF525FJ
6G X 16	1000	200	TF616Z	TF616ZJ	6G X 12	1000	200	TF612F	TF612FJ
6G X 20	1000	200	TF620Z	TF620ZJ	6G X 16	1000	200	TF616F	TF616FJ
6G X 25	1000	200	TF625Z	TF625ZJ	6G X 20	1000	200	TF620F	TF620FJ
6G X 32	1000	200	TF632Z	TF632ZJ	6G X 25	1000	200	TF625F	TF625FJ
6G X 40	1000	200	TF640Z	TF640ZJ	6G X 32	1000	200	TF632F	TF632FJ
7G X 16	1000	200	TF716Z	TF716ZJ	6G X 40	1000	200	TF640F	TF640FJ
7G X 20	1000	200	TF720Z	TF720ZJ	7G X 20	1000	200	TF720F	TF720FJ
7G X 25	1000	200	TF725Z	TF725ZJ	7G X 25	1000	200	TF725F	TF725FJ
7G X 32	1000	200	TF732Z	TF732ZJ	7G X 32	1000	200	TF732F	TF732FJ
7G X 40	1000	200	TF740Z	TF740ZJ	7G X 40	1000	200	TF740F	TF740FJ
8G X 12	1000		TF812Z		8G X 20	1000	200	TF820F	TF820FJ
8G X 16	1000	200	TF816Z	TF816ZJ	8G X 25	1000	200	TF825F	TF825FJ
8G X 20	1000	200	TF820Z	TF820ZJ	8G X 32	1000	200	TF832F	TF832FJ
8G X 25	1000	200	TF825Z	TF825ZJ	8G X 40	1000	200	TF840F	TF840FJ
8G X 32	1000	200	TF832Z	TF832ZJ	9G X 20	1000	200	TF920F	TF920FJ
8G X 40	1000	200	TF840Z	TF840ZJ	9G X 25	1000	200	TF925F	TF925FJ
8G X 45	1000	200	TF845Z	TF845ZJ	9G X 32	1000	200	TF932F	TF932FJ
8G X 50	1000	100	TF850Z	TF850ZJ	9G X 40	1000	200	TF940F	TF940FJ
9G X 20	1000	200	TF920Z	TF920ZJ	9G X 45		100		TF945FJ
9G X 25	1000	200	TF925Z	TF925ZJ	9G X 50	1000	100	TF950F	TF950FJ
9G X 32	1000	200	TF932Z	TF932ZJ	10G X 20		200		TF1020FJ
9G X 40	1000	200	TF940Z	TF940ZJ	10G X 25	1000	200	TF1025F	TF1025FJ
9G X 45	1000	100		TF945ZJ	10G X 32		200		TF1032FJ
9G X 50		100	TF950Z	TF950ZJ	10G X 40		200		TF1040FJ
10G X 20	1000	200	TF1020Z	TF1020ZJ	10G X 45		100		TF1045FJ
10G X 25	1000	200	TF1025Z	TF1025ZJ	10G X 50	1000	100	TF1050F	TF1050FJ
10G X 32	1000	200	TF1032Z	TF1032ZJ					
10G X 40	1000	200	TF1040Z	TF1040ZJ					
10G X 45	1000	100	TF1045Z	TF1045ZJ					
10G X 50	1000	100	TF1050Z	TF1050ZJ					

**FORTRESS HINGEFAST SCREWS - ZINC PLATED**



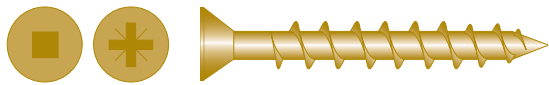
SIZE	CODE	PACK QTY	JAR CODE	JAR QTY	DRIVE
6G X 16	HF616Z	1000	HF616ZJ	200	POZI
8G X 16	HF816Z	1000	HF816ZJ	200	POZI
8G X 20	HF820Z	1000	HF820ZJ	200	POZI
8G X 25	HF825Z	1000	HF825ZJ	200	POZI
6G X 16	HFQ616Z	1000			#1 SQ
6G X 16	HFQ616Z#2	1000			#2 SQ
8G X 16(7GHD)	HFQ8167Z	1000			#2 SQ
8G X 16	HFQ816Z#2	1000			#2 SQ
8G X 20(7GHD)	HFQ8207Z	1000	HFQ8207ZJ	200	#2 SQ
8G X 20	HFQ820Z#2	1000	HFQ820Z#2J	200	#2 SQ
8G X 25(7GHD)	HFQ8257Z	1000	HFQ8257ZJ	200	#2 SQ
8G X 25	HFQ825Z#2	1000	HFQ825Z#2J	200	#2 SQ
8G X 32	HFQ832Z	1000	HFQ832Z#2J	100	#2 SQ
8G X 40	HFQ840Z#2	1000			#2 SQ

**FORTRESS HINGEFAST SCREWS - YELLOW ZINC**



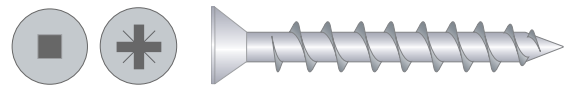
SIZE	CODE	PACK QTY	JAR CODE	JAR QTY	DRIVE
8G X 16	HF816ZC	1000	HF816ZCJ	200	POZI
8G X 20	HF820ZC	1000	HF820ZCJ	200	POZI
8G X 25	HF825ZC	1000	HF825ZCJ	200	POZI
8G X 40	HF840ZC	1000			POZI
6G X 16	HFQ616ZC	1000			#1 SQ
8G X 20	HFQ820ZC#2	1000			#2 SQ
8G X 25(7GHD)	HFQ8257ZC	1000			#2 SQ
8G X 25	HFQ825ZC#2	1000			#2 SQ
8G X 32	HFQ832ZC	1000			#2 SQ

**FORTRESS HINGEFAST SCREWS - BRASS PLATED**



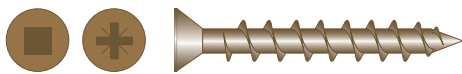
SIZE	CODE	PACK QTY	JAR CODE	JAR QTY	DRIVE
8G X 20	HF820BP	1000	HF820BPJ	200	POZI
8G X 25	HF825BP	1000	HF825BPJ	200	POZI
8G X 20	HFQ820BP#2	1000			#2 SQ
8G X 25	HFQ825BP#2	1000			#2 SQ

**FORTRESS HINGEFAST SCREWS - NICKEL PLATED**



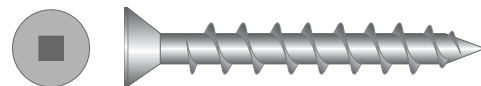
SIZE	CODE	PACK QTY	JAR CODE	JAR QTY	DRIVE
8G X 20	HF820N	1000	HF820NJ	200	POZI
8G X 25	HF825N	1000	HF825NJ	200	POZI
8G X 20(7GHD)	HFQ8207N	1000			#2 SQ
8G X 25(7GHD)	HFQ8257N	1000			#2 SQ

**FORTRESS HINGEFAST SCREWS - BMA CSK POZI**



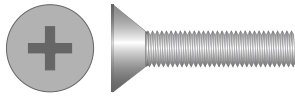
SIZE	CODE	PACK QTY	JAR CODE	JAR QTY
8G X 20	HF820F	1000	HF820FJ	200
8G X 25	HF825F	1000	HF825FJ	200
8G X 20	HFQ820F#2	1000	HFQ820#2J	200 #2 SQ
8G X 25	HFQ825F#2	1000	HFQ825#2J	200 #2 SQ

**FORTRESS HINGEFAST SCREWS - STAINLESS STEEL CSK SQUARE**



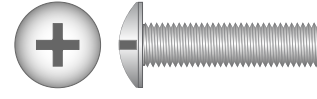
SIZE	CODE	PACK QTY
9G X 20	HFQX920	1000
9G X 25	HFQX925	1000
9G X 32	HFQX932	500
10G X 25	HFQX1025	500
10G X 32	HFQX1032	500
10G X 50	HFQX1050	500

**FORTRESS MACHINE SCREWS - S/S COUNTERSUNK PHILLIPS**



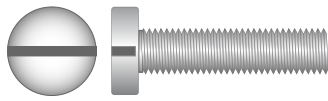
SIZE	PACK QTY	T304
M2.5 X 12	200	MCPHXM2512
M3 X 6	200	MCPHXM36
M3 X 8	200	MCPHXM38
M3 X 10	200	MCPHXM310
M3 X 12	200	MCPHXM312
M3 X 16	200	MCPHXM316
M3 X 20	200	MCPHXM320
M3 X 25	200	MCPHXM325
M3 X 30	200	MCPHXM330
M4 X 8	200	MCPHXM48
M4 X 10	200	MCPHXM410
M4 X 12	200	MCPHXM412
M4 X 16	200	MCPHXM416
M4 X 20	200	MCPHXM420
M4 X 25	200	MCPHXM425
M4 X 30	200	MCPHXM430
M4 X 35	200	MCPHXM435
M4 X 40	200	MCPHXM440
M4 X 50	200	MCPHXM450
M5 X 8	200	MCPHXM58
M5 X 10	200	MCPHXM510
M5 X 12	200	MCPHXM512
M5 X 16	200	MCPHXM516
M5 X 20	200	MCPHXM520
M5 X 25	200	MCPHXM525
M5 X 30	200	MCPHXM530
M5 X 35	200	MCPHXM535
M5 X 40	200	MCPHXM540
M5 X 50	200	MCPHXM550
M6 X 10	200	MCPHXM610
M6 X 12	200	MCPHXM612
M6 X 16	200	MCPHXM616
M6 X 20	200	MCPHXM620
M6 X 25	200	MCPHXM625
M6 X 30	200	MCPHXM630
M6 X 35	200	MCPHXM635
M6 X 40	100	MCPHXM640
M6 X 50	100	MCPHXM650

**FORTRESS MACHINE SCREWS - S/S PAN PHILLIPS**



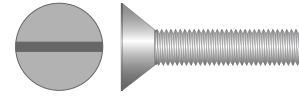
SIZE	PACK QTY	T304
M2 X 10	200	MPPHXM210
M2.5 X 8	200	MPPHXM258
M3 X 6	200	MPPHXM36
M3 X 8	200	MPPHXM38
M3 X 10	200	MPPHXM310
M3 X 12	200	MPPHXM312
M3 X 16	200	MPPHXM316
M3 X 20	200	MPPHXM320
M3 X 30	200	MPPHXM330
M3 X 40	200	MPPHXM340
M3 X 50	200	MPPHXM350
M4 X 6	200	MPPHXM46
M4 X 8	200	MPPHXM48
M4 X 10	200	MPPHXM410
M4 X 12	200	MPPHXM412
M4 X 16	200	MPPHXM416
M4 X 20	200	MPPHXM420
M4 X 25	200	MPPHXM425
M4 X 30	200	MPPHXM430
M4 X 40	200	MPPHXM440
M5 X 10	200	MPPHXM510
M5 X 12	200	MPPHXM512
M5 X 16	200	MPPHXM516
M5 X 20	200	MPPHXM520
M5 X 30	200	MPPHXM530
M5 X 50	200	MPPHXM550
M6 X 8	200	MPPHXM68
M6 X 10	200	MPPHXM610
M6 X 12	200	MPPHXM612
M6 X 16	200	MPPHXM616
M6 X 20	200	MPPHXM620
M6 X 25	200	MPPHXM625
M6 X 30	200	MPPHXM630
M6 X 35	200	MPPHXM635
M6 X 40	100	MPPHXM640
M6 X 50	100	MPPHXM650

**FORTRESS MACHINE SCREWS - S/S CHEESE SLOT**



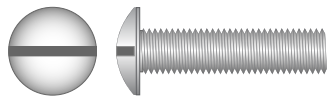
SIZE	PACK QTY	T304
M2.5 X 5	200	MCHSXM255
M3 X 6	200	MCHSXM36
M3 X 8	200	MCHSXM38
M3 X 10	200	MCHSXM310
M4 X 20	200	MCHSXM420
M4 X 30	200	MCHSXM430
M5 X 10	200	MCHSXM510
M5 X 25	200	MCHSXM525
M6 X 25	200	MCHSXM625

**FORTRESS MACHINE SCREWS - S/S COUNTERSUNK SLOT**



SIZE	PACK QTY	T304
M3 X 10	200	MCSXM310
M4 X 8	200	MCSXM48
M4 X 10	200	MCSXM410
M4 X 12	200	MCSXM412
M4 X 16	200	MCSXM416
M4 X 20	200	MCSXM420
M4 X 25	200	MCSXM425
M4 X 50	200	MCSXM450
M5 X 10	200	MCSXM510
M5 X 12	200	MCSXM512
M5 X 16	200	MCSXM516
M5 X 20	200	MCSXM520
M5 X 25	200	MCSXM525
M5 X 30	200	MCSXM530
M5 X 40	200	MCSXM540
M6 X 10	200	MCSXM610
M6 X 12	200	MCSXM612
M6 X 16	200	MCSXM616
M6 X 20	200	MCSXM620
M6 X 25	200	MCSXM625
M6 X 30	200	MCSXM630
M6 X 40	200	MCSXM640
M6 X 50	200	MCSXM650
M8 X 20	100	MCSXM820
M8 X 25	100	MCSXM825
M8 X 30	100	MCSXM830
M8 X 40	100	MCSXM840
M8 X 50	100	MCSXM850
M10 X 25	100	MCSXM1025
M10 X 30	100	MCSXM1030
M10 X 40	100	MCSXM1040
M10 X 50	100	MCSXM1050

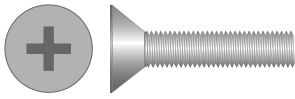
**FORTRESS MACHINE SCREWS - S/S PAN SLOT**



SIZE	PACK QTY	T304
M3 X 8	100	MPSXM38
M3 X 10	100	MPSXM310
M3 X 12	100	MPSXM312
M3 X 16	100	MPSXM316
M3 X 20	100	MPSXM320
M3 X 25	100	MPSXM325
M3 X 30	100	MPSXM330
M4 X 8	100	MPSXM48
M4 X 10	100	MPSXM410
M4 X 16	100	MPSXM416
M4 X 20	100	MPSXM420
M4 X 25	100	MPSXM425
M4 X 30	100	MPSXM430
M5 X 10	100	MPSXM510
M5 X 12	100	MPSXM512
M5 X 16	100	MPSXM516
M5 X 20	100	MPSXM520
M5 X 25	100	MPSXM525
M5 X 30	100	MPSXM530
M5 X 40	100	MPSXM540
M6 X 12	100	MPSXM612
M6 X 16	100	MPSXM616
M6 X 20	100	MPSXM620
M6 X 25	100	MPSXM625
M6 X 30	100	MPSXM630
M8 X 12	100	MPSXM812
M8 X 16	100	MPSXM816
M8 X 30	100	MPSXM830

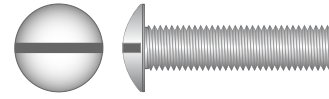


**FORTRESS MACHINE SCREWS - S/S COUNTERSUNK PHILLIPS**



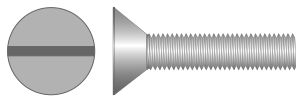
SIZE	PACK QTY	T304
3/16 X 1/4"	100	MCPHX31614
3/16 X 3/8"	100	MCPHX31638
3/16 X 1/2"	100	MCPHX31612
3/16 X 5/8"	100	MCPHX31658
3/16 X 3/4"	100	MCPHX31634
3/16 X 1"	100	MCPHX3161
3/16 X 1 1/4"	100	MCPHX316114
3/16 X 1 1/2"	100	MCPHX316112
3/16 X 3"	100	MCPHX3163
1/4 X 3/4"	100	MCPHX4134

**FORTRESS MACHINE SCREWS - S/S ROUND SLOT**



SIZE	PACK QTY	T304
5/32 X 1/4"	100	MRSX53214
5/32 X 1 1/4"	100	MRSX532114
1/8 X 1/4"	100	MRSX181
1/8 X 1"	100	MRSX1
3/16 X 1/2"	100	MRSX31612
3/16 X 5/8"	100	MRSX31658
3/16 X 3/4"	100	MRSX31634
3/16 X 2"	100	MRSX3162
3/16 X 2 1/2"	100	MRSX316212
3/16 X 3"	100	MRSX3163
1/4 X 3/4"	100	MRSX1434
1/4 X 1 1/4"	100	MRSX14114
1/4 X 1 1/2"	100	MRSX14112
1/4 X 2"	100	MRSX142
1/4 X 3"	100	MRSX143
5/16 X 1"	100	MRSX5161
5/16 X 2"	100	MRSX5162
5/16 X 2 1/2"	100	MRSX516212
5/16 X 3"	100	MRSX5163

**FORTRESS MACHINE SCREWS - S/S COUNTERSUNK SLOT**



SIZE	PACK QTY	T304
3/16 X 1/4"	100	MCSX31614
3/16 X 3/8"	100	MCSX31638
3/16 X 1/2"	100	MCSX31612
3/16 X 5/8"	100	MCSX31658
3/16 X 3/4"	100	MCSX31634
3/16 X 1"	100	MCSX3161
3/16 X 1 1/4"	100	MCSX316114
3/16 X 1 1/2"	100	MCSX316112
3/16 X 2"	100	MCSX3162
3/16 X 2 1/2"	100	MCSX316212
3/16 X 3"	100	MCSX3163
1/4 X 1/2"	100	MCSX1412
1/4 X 3/4"	100	MCSX1434
1/4 X 1"	100	MCSX141
1/4 X 1 1/4"	100	MCSX14114
1/4 X 2"	100	MCSX142
1/4 X 2 1/2"	100	MCSX14212
1/4 X 3"	100	MCSX143
5/16 X 3/4"	100	MCSX51634
5/16 X 1 1/4"	100	MCSX516114
5/16 X 2"	100	MCSX5162
3/8 X 1"	100	MCSX381
3/8 X 1 1/2"	100	MCSX38112
3/8 X 3"	100	MCSX383

FORTRESS BRASS MACHINE SCREWS - COUNTERSUNK SLOT			FORTRESS BRASS MACHINE SCREWS - PAN SLOT		
SIZE	PACK QTY	CODE	SIZE	PACK QTY	CODE
5/32 X 1"	100	MCB5321	M3 X 10	100	MPBM310
5/32 X 1 1/4"	100	MCB532114	M3 X 16	100	MPBM316
5/32 X 2 "	100	MCB5322	M3 X 25	100	MPBM325
1/8 X 1/2"	100	MCB1812	M4 X 10	100	MPBM410
3/16 X 1/4"	100	MCB31614	M4 X 16	100	MPBM416
3/16 X 1/2"	100	MCB31612	M4 X 20	100	MPBM420
3/16 X 5/8"	100	MCB31658	M4 X 25	100	MPBM425
3/16 X 3/4"	100	MCB31634	M4 X 30	100	MPBM430
3/16 X 1"	100	MCB3161	M4 X 50	100	MPBM450
3/16 X 1 1/4"	100	MCB316114	M5 X 8	100	MPBM58
3/16 X 2 "	100	MCB3162	M5 X 10	100	MPBM510
1/4 X 3/8"	100	MCB1438	M5 X 12	100	MPBM512
1/4 X 1/2"	100	MCB1412	M5 X 16	100	MPBM516
1/4 X 1 1/4"	100	MCB14114	M5 X 20	100	MPBM520
1/4 X 1 1/2"	100	MCB14112	M5 X 25	100	MPBM525
1/4 X 2"	100	MCB142	M5 X 40	100	MPBM540
			M6 X 20	100	MPBM620
M3 X 6	100	MCBM36	M6 X 25	100	MPBM625
M4 X 6	100	MCBM46	M6 X 30	100	MPBM630
M5 X 10	100	MCBM510	M6 X 40	100	MPBM640
M5 X 12	100	MCBM512	M6 X 50	100	MPBM650
M5 X 25	100	MCBM525			
M6 X 10	100	MCBM610			
M6 X 25	100	MCBM625			

FORTRESS BRASS MACHINE SCREWS - ROUND SLOT			FORTRESS BRASS WOOD SCREWS - COUNTERSUNK SLOT		
					
SIZE	PACK QTY	CODE	SIZE	PACK QTY	CODE
1/8 X 3/8"	100	MRB1838	4G X 12	200	WSCB412J
1/8 X 1/2"	100	MRB1812	4G X 16	200	WSCB416J
1/8 X 5/8"	100	MRB1858	4G X 20	200	WSCB420J
1/8 X 3/4"	100	MRB1834	5G X 12	100	WSCB512J
1/8 X 1 1/2"	100	MRB18112	5G X 16	100	WSCB516J
5/32 X 1/4"	100	MRB53214	5G X 25	100	WSCB525J
5/32 X 5/8"	100	MRB53258	6G X 12	100	WSCB612J
5/32 X 1"	100	MRB5321	6G X 16	100	WSCB616J
5/32 X 1 1/2"	100	MRB532112	6G X 20	100	WSCB620J
5/32 X 2"	100	MRB5322	6G X 25	100	WSCB625J
3/16 X 1/2"	100	MRB31612	6G X 32	100	WSCB632J
3/16 X 3/4"	100	MRB31634	7G X 40	50	WSCB740J
3/16 X 1"	100	MRB3161	8G X 20	100	WSCB820J
3/16 X 1 1/2"	100	MRB316112	8G X 25	100	WSCB825J
3/16 X 2"	100	MRB3162	9G X 20	100	WSCB920J
1/4 X 1/2"	100	MRB1412	9G X 25	100	WSCB925J
1/4 X 5/8"	100	MRB1458	10G X 20	50	WSCB1020J
1/4 X 3/4"	100	MRB1434	10G X 25	50	WSCB1025J
1/4 X 1"	100	MRB141	10G X 40	50	WSCB1040J
1/4 X 1 1/4"	100	MRB14114	10G X 50	50	WSCB1050J
1/4 X 1 1/2"	100	MRB14112	12G X 32	50	WSCB1232J
1/4 X 2"	100	MRB142	12G X 50	20	WSCB1250J

**FORTRESS TORX BITS**



SIZE	PACK QTY	CODE
TORX NO 20 X 50MM (1/4 HEX)	1	BITT2050
TORX NO 20 X 75MM (1/4 HEX)	1	BITT2075
TORX NO 25 X 50MM (1/4 HEX) FOR S/S DECK SCREWS	1	BITT2550
TORX NO 25 X 75MM (1/4 HEX)	1	BITT2570
TORX NO 30 X 50MM (1/4 HEX)	1	BITT3050
TORX NO 30 X 70MM (1/4 HEX)	1	BITT3070
TORX NO 40 X 50MM (1/4 HEX)	1	BITT40

**FORTRESS PHILLIPS BITS**



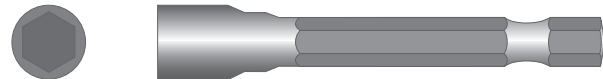
SIZE	PACK QTY	CODE
NO 1 X 50MM		BITPH150
NO 1 X 70MM		BITPH170
NO 1 X 90MM		BITPH190
NO 2 X 50MM		BITPH250F
NO 2 X 75MM		BITPH275
NO 3 X 50MM		BITPH350
NO 3 X 90MM		BITPH390

**FORTRESS SQUARE BITS**



SIZE	PACK QTY	CODE
NO 1 X 50MM	1	BITQ150F
NO 1 X 75MM	1	BITQ175F
NO 1 X 90MM	100	BITQ190F
NO 2 X 50MM	100	BITQ250F
NO 2 X 75MM	1	BITQ275F
NO 2 X 90MM	100	BITQ290F
NO 3 X 50MM	1	BITQ350
NO 3 X 75MM	1	BITQ375

**FORTRESS HEX SOCKET BITS**



SIZE	PACK QTY	CODE
1/4 X 65MM (FOR 8G)	1	BITHEXSOC14
3/8 X 65MM (FOR 14g)	1	BITHEXSOC38
3/8 X 150MM (FOR 14g)	1	BITHEXSOC38150
5/16 X 65MM (FOR 10g, 12g)	1	BITHEXSOC516
5/16 X 150MM (FOR 10g, 12g)	1	BITHEXSOC516150

**FORTRESS HEX BITS**



SIZE	PACK QTY	CODE
2.5MM X 50MM	1	BITHEX2550
3MM X 50MM	1	BITHEX350
4MM X 50MM	1	BITHEX450
5MM X 50MM	1	BITHEX550
6MM X 50MM	1	BITHEX650
7MM X 50MM	1	BITHEX750
8MM X 50MM	1	BITHEX850

**FORTRESS POZI BITS**



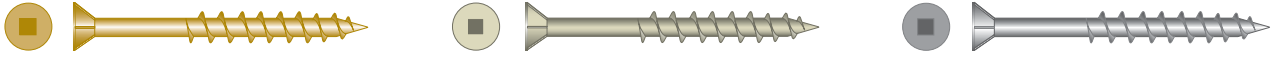
SIZE	PACK QTY	CODE
NO 1 X 25MM	1	BIT125
NO 1 X 50MM	1	BIT150
NO 1 X 75MM	1	BIT175
NO 1 X 90MM	1	BIT190
NO 2 X 150MM	1	BIT2150
NO 2 X 25MM	1	BIT225
NO 2 X 50MM	1	BIT250F
NO 2 X 75MM	1	BIT275F
NO 2 X 90MM	1	BIT290
NO 3 X 50MM	1	BIT350
NO 3 X 70MM	1	BIT370
NO 3 X 75MM	1	BIT375
NO 3 X 90MM	1	BIT390



SPECIFICATION SHEET

## SUREFAST SCREWS

MATERIALS - STEEL C1022 - STAINLESS 18-8SS



SPECIFICATIONS

THREAD DIAMETER	6G	3.5MM	SURFACE HARDNESS	50 - 60 HRC	
	8G	4.2MM			
	10G	4.8MM			
	12G	5.4MM	TORSIONAL STRENGTH (MIN)	STEEL	STAINLESS
			6G	2.2 Nm	
			8G	3.4 Nm	3.8 Nm
			10G	4.7 Nm	5.1 Nm
			12G		8.3 Nm

BENDING ANGLE - 12 DEG MINIMUM

### Durability

Yellow Zinc: 3-5 Microns  
Recommended for indoor use only

Class 3: 25 Microns  
(80% Zinc - 20% Tin)  
For indoor/outdoor use

Stainless Steel  
For outdoor use

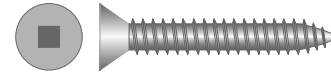
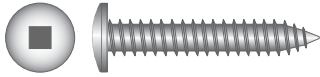
SPECIFICATION SHEET

# SELF TAPPING SCREWS

Manufactured to Appropriate IFI or Din Standard

MATERIALS - STEEL C1022

- STAINLESS GRADE 304 PASSIVATED AND WAXED



### SPECIFICATIONS

THREAD DIAMETER	4G	2.85MM	TORSIONAL STRENGTH	STEEL	STAINLESS
	6G	3.5MM			
	8G	4.2MM	4G	2.5 Nm	2.2 Nm
	10G	4.8MM	6G	3.5 Nm	3.0 Nm
	12G	5.4MM	8G	6.4 Nm	3.8 Nm
	14G	6.4MM	10G	10.0 Nm	6.0 Nm

### DRILL SIZES FOR SELF TAPPING SCREWS

SCREW SIZE	MATERIAL THICKNESS (MM)	RECOMMENDED PILOT HOLE SIZE (MM)
4G (2.85MM)	1.00	2.30
	2.00	2.60
6G (3.5MM)	1.00	2.80
	2.50	3.20
8G (4.2MM)	1.00	3.10
	2.00	3.50
	3.00	3.80
10G (4.8MM)	1.00	3.50
	2.50	4.00
	4.50	4.40
12G (5.4MM)	2.00	4.60
	3.00	4.90
	5.00	5.10
14G (6.4MM)	3.00	5.70
	6.50	6.00

### Durability

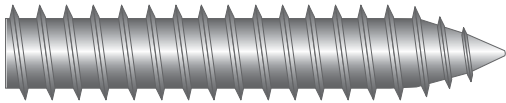
Yellow Zinc: 3-5 Microns

Recommended for indoor use only

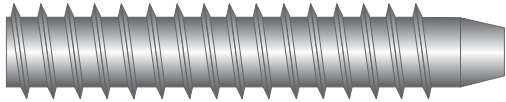
Stainless Steel T304

Recommended for outdoor use

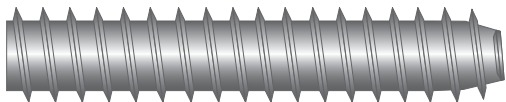
SCREW POINT TYPES



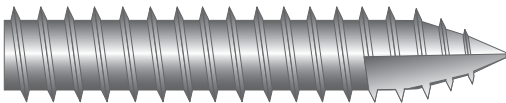
**TYPE AB**  
 This point is found on Type AB self tapping screws and a range of screws used for fastening timber or timber based building products. Its purpose is to assist the screw in engaging in the material being fastened.



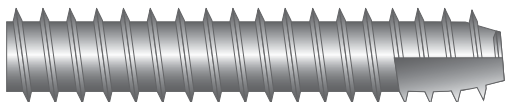
**LEAD POINT**  
 This point is found on self tapping screws and a range of other screws used for fastening in a situation where the pilot hole cannot be easily located. The Lead point self locates the screw into the pilot hole for fastening.



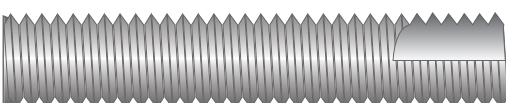
**TYPE B**  
 This point is applied to self tapping screws and generally specified where the screw is being driven into a shallow hole. Type B points provide more full threads to be engaged in the material being fastened.



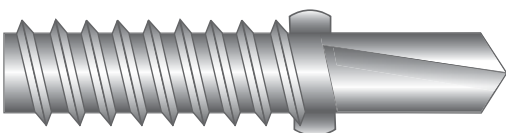
**TYPE 17**  
 Similar to the Type AB point, except that the screw material has been cut away. This feature, some times called a shank slot provides the ability for the screw to self drill through thin metal and then drill into timber members of the structure.



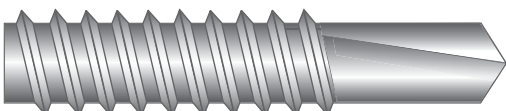
**TYPE 25**  
 A point designed to cut through threads in plastic material. The presence of the shank slot provides the cutting ability and also for the clearance of cutting chips.



**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.

**FORTRESS CSK RIVETS - ALUMINIUM / STEEL**



SIZE	PACK QTY	CODE	GRIP MM
3.2 X 9.6MM	250	R72AS44	4.8-6.4
3.2 X 12.7MM	250	R72AS46	8.0-9.5
4.0 X 7.1MM	250	R72AS53	3.2-4.8
4.0 X 10.2MM	250	R72AS54	4.8-6.4
4.8 X 8.00MM	500	R72AS63	3.2-4.8
4.8 X 11.00MM	500	R72AS65	6.4-8.0
4.8 X 12.7MM	500	R72AS66	8.0-9.5
4.8 X 14.5MM	500	R72AS68	9.5-12.7
4.8 X 21.00MM	250	R72AS610	12.7-15.8

**FORTRESS CSK RIVETS - MONEL / STEEL**



SIZE	PACK QTY	CODE	GRIP MM
3.2 X 6.4MM	500	R72MS42	1.6-3.2
3.2 X 9.6MM	500	R72MS44	4.8-6.4
3.2 X 12.7MM	500	R72MS46	8.0 - 9.5
4.8 X 8.0MM	500	R72MS63	3.2-4.8
4.8 X 11.00MM	500	R72MS65	6.4-8.0
4.8 X 12.7MM	500	R72MS66	8.0-9.5
4.8 X 17.7MM	500	R72MS68	9.5-12.7
4.8 X 21.00MM	500	R72MS610	12.7-15.8

**FORTRESS DOMED RIVETS - ALUMINIUM / STEEL**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE	GRIP MM
3.2 X 6.7MM	1000	100	R73AS42	R73AS42J	1.6-3.2
3.2 X 8.2MM	1000	100	R73AS43	R73AS43J	3.2-4.8
3.2 X 9.9MM	1000	100	R73AS44	R73AS44J	4.8-6.4
3.2 X 11.4MM	1000	100	R73AS45	R73AS45J	6.4-8.0
3.2 X 13.0MM	1000	100	R73AS46	R73AS46J	8.0-9.5
3.2 X 16.1MM	1000	100	R73AS48	R73AS48J	9.5-12.7
3.2 X 19.4MM	1000	100	R73AS410	R73AS410J	12.7-15.8
4.0 X 5.5MM	1000		R73AS52	R73AS52J	1.6-3.2
4.0 X 7.3MM	1000	100	R73AS53	R73AS53J	3.2-4.8
4.0 X 10.5MM	1000	100	R73AS54	R73AS54J	4.8-6.4
4.0 X 12.0MM	1000	100	R73AS55	R73AS55J	6.4-8.0
4.0 X 13.6MM	1000	100	R73AS56	R73AS56J	8.0-9.5
4.0 X 16.8MM	500	50	R73AS58	R73AS58J	9.5-12.7
4.0 X 19.5MM	500		R73AS10		12.7-15.8
4.8 X 8.0MM	500	50	R73AS63	R73AS63J	3.2-4.8
4.8 X 9.5MM	500	50	R73AS64	R73AS64J	4.8-6.4
4.8 X 11.1MM	500	50	R73AS65	R73AS65J	6.4-8.0
4.8 X 14.3MM	500	50	R73AS66	R73AS66J	8.0-9.5
4.8 X 17.5MM	500	50	R73AS68	R73AS68J	9.5-12.7
4.8 X 20.7MM	500	25	R73AS610	R73AS610J	12.7-15.8
4.8 X 23.8MM	250	25	R73AS612	R73AS612J	15.8-19.0
4.8 X 27.0MM	250	50	R73AS614	R73AS614J	19.0-22.2
4.8 X 35.0MM	250		R73AS620		25.4-31.8

**FORTRESS DOMED RIVETS - MONEL / STEEL**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE	GRIP MM
3.2 X 4.8MM	1000		R73MS41		0.9-1.6
3.2 X 6.4MM	1000	100	R73MS42	R73MS42J	1.6-3.2
3.2 X 8.0MM	1000	100	R73MS43	R73MS43J	3.2-4.8
3.2 X 9.6MM	1000	100	R73MS44	R73MS44J	4.8-6.4
3.2 X 11.1MM	1000	100	R73MS45	R73MS45J	6.4-8.0
3.2 X 12.7MM	1000	100	R73MS46	R73MS46J	8.0-9.5
4.0 X 5.5MM	500		R73MS52		1.6-3.2
4.0 X 8.6MM	500	100	R73MS53	R73MS53J	3.2-4.8
4.0 X 10.2MM	500	100	R73MS54	R73MS54J	4.8-6.4
4.0 X 13.4MM	500	100	R73MS56	R73MS56J	8.0-9.5
4.8 X 6.4MM	500		R73MS61		0.9-1.6
4.8 X 8.0MM	500	50	R73MS62	R73MS62J	1.6-3.2
4.8 X 9.6MM	500	50	R73MS64	R73MS64J	4.8-6.4
4.8 X 11.0MM	500	50	R73MS65	R73MS65J	6.4-8.0
4.8 X 13.7MM	500	50	R73MS66	R73MS66J	8.0-9.5
4.8 X 15.6MM	500	50	R73MS68	R73MS68J	9.5-12.7
4.8 X 18.2MM	500		R73MS610		12.7 - 15.8

**FORTRESS DOMED RIVETS - STEEL / STEEL**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE	GRIP MM
3.2 X 4.8MM	1000		R73SS41		0.9-1.6
3.2 X 6.4MM	1000	100	R73SS42	R73SS42J	1.6-3.2
3.2 X 8.0MM	1000	100	R73SS43	R73SS43J	3.2-4.8
3.2 X 9.6MM	1000	100	R73SS44	R73SS44J	4.8-6.4
3.2 X 11.1MM	1000	100	R73SS45	R73SS45J	6.4-8.0
3.2 X 12.7MM	1000	100	R73SS46	R73SS46J	8.0-9.5

4.0 X 7.1MM	1000	100	R73SS53	R73SS53J	3.2-4.8
4.0 X 10.2MM	1000	100	R73SS54	R73SS54J	4.8-6.4
4.0 X 13.4MM	500	100	R73SS56	R73SS56J	8.0-9.5
4.0 X 16.5MM	500	50	R73SS58	R73SS58J	9.5-12.7
4.8 X 8.0MM	500	50	R73SS63	R73SS63J	32-8.0
4.8 X 9.6MM	500		R73SS64		4.8-6.4
4.8 X 11.0MM	500	50	R73SS65	R73SS65J	6.4-8.0
4.8 X 14.5MM	500	50	R73SS66	R73SS66J	8.0-9.5

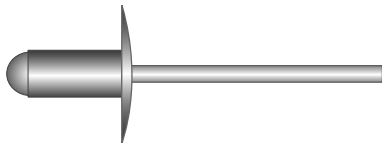
**FORTRESS DOMED RIVETS - STAINLESS STEEL**



SIZE	PACK QTY	JAR QTY	CODE	JAR CODE	GRIP MM
3.2 X 6.4MM	1000	100	R73STST43	R73STST43J	3.2-4.8
3.2 X 8.00MM	1000	100	R73STST44	R73STST44J	4.8-6.4
3.2 X 12.7MM	1000	100	R73STST46	R73STST46J	8.0-9.5

4.0 X 7.1MM	500		R73STST52		1.6-3.2
4.0 X 8.6MM	500		R73STST54		3.2-4.8
4.0 X 9.6MM	500		R73STST55		4.8-6.4
4.0 X 13.0MM	500		R73STST56		8.0-9.5
4.8 X 7.9MM	500		R73STST63		32-8.0
4.8 X 11.1MM	250		R73STST65		6.4-8.0
4.8 X 13.5MM	250		R73STST66		8.0-9.5
4.8 X 17.5MM	250		R73STST68		9.5-12.7

**FORTRESS DOMED RIVETS - ALUMINIUM / STEEL LARGE FLANGE**



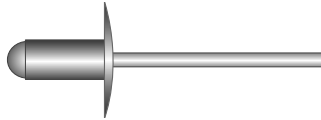
SIZE	PACK QTY	JAR QTY	CODE	JAR CODE	GRIP MM
3.2 X 9.6MM	250		R73ASL44		4.8-6.4
3.2 X 16.1MM	250	25	R73ASL48	R73ASL48J	9.5-12.7
4.8 X 14.5MM	250	25	R73ASL66	R73ASL66J	8.0-9.5
4.8 X 17.7MM	250	25	R73ASL68	R73ASL68J	9.5-12.7
4.8 X 21.0MM	250	25	R73ASL610	R73ASL610J	12.7-15.8
4.8 X 24.1MM	250	25	R73ASL612	R73ASL612J	15.8-19.0
4.8 X 27.0MM	250	25	R73ASL614	R73ASL614J	19.0-22.2

SPECIFICATION SHEET

## BLIND RIVETS



TRUSS



LARGE FLANGE



COUNTERSUNK

MATERIALS		COMMON DEFINITIONS	
ALUMINIUM	5050	73	DOMED
STEEL	1010	72	COUNTERSUNK
STAINLESS STEEL	T304	AS	ALUMINIUM BODY STEEL STEM
MONEL	NICKEL 65% - COPPER 35%	MS	MONEL BODY STEEL STEM
		STST	STAINLESS BODY STAINLESS STEM
		AA	ALUMINIUM BODY ALUMINIUM STEM
		SS	STEEL STEM STEEL BODY
		CB	COPPER BODY STEEL STEM
		ASL	ALUMINIUM/STEEL LARGE FLANGE

RIVET SIZE			THICKNESS TO BE RIVETED			
	BODY DIAMETER	DRILL SIZE	MM	USE RIVET SIZE		
NO 4	3.2MM	3.3MM	1.6 TO 3.2	4.2	5.2	6.2
NO 5	4.0MM	4.1MM	3.2 TO 4.8	4.3	5.3	6.3
NO 6	4.8MM	4.9MM	4.8 TO 6.4	4.4	5.4	6.4
			6.4 TO 8.0	4.5	5.5	6.5
			8.0 TO 9.5	4.6	5.6	6.6
			9.5 TO 12.5	4.8	5.8	6.8
			12.5 TO 16.0	4.10	5.10	6.10
			16.0 TO 19.0			6.12
			19.0 TO 22.0			6.14

STRENGTH KN MINIMUM				
SIZE	ALUMINIUM		STAINLESS STEEL	
	SHEAR	TENSILE	SHEAR	TENSILE
NO 4	0.53	0.67	1.86	2.35
NO 5	0.85	1.02	2.90	3.65
NO 6	1.15	1.42	4.22	5.33
SIZE	STEEL		MONEL	
	SHEAR	TENSILE	SHEAR	TENSILE
NO 4	1.16	1.38	1.16	1.38
NO 5	1.65	2.10	1.65	2.10
NO 6	2.40	3.02	2.40	3.02





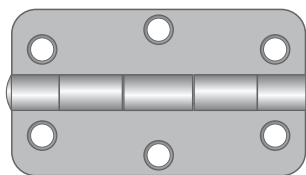
# FORTRESS<sup>®</sup>

FASTENERS

Product Catalogue  
Hinges

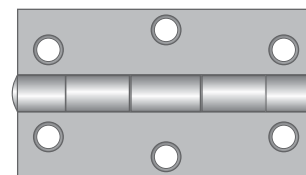
[www.fortressfasteners.co.nz](http://www.fortressfasteners.co.nz)

**STAINLESS STEEL HINGES - SMALL RADIUS**



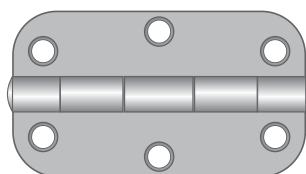
CODE	PACK QTY	SIZE
HX90SR	20	90 X 60
HX100SR	20	100 X 75 X 2.0
HX10075SR	20	100 X 75 X 2.5
HX100SRSS	20	100 X 75 X 2.5 WITH BEARINGS
HX100100SR	20	100 X 100
HX100100SRSS	20	100 X 100 X 2.5 WITH BEARINGS

**STAINLESS STEEL BUTT HINGES**



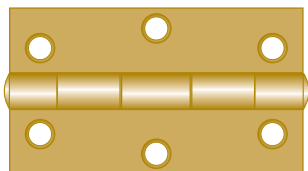
CODE	PACK QTY	SIZE
HX4025	50	38 X 25
HX5038	40	50 X 38
HX6345	20	63 X 45
HX7550	20	75 X 50
HX7563	20	75 X 63 X 2
HX7563T	20	75 X 63 X 2 (T316 STAINLESS STEEL)
HX10070	2	100 X 70 X 2.0
HX10070SS	2	100 X 70 X 2.0 (S/S BEARINGS)
HX10075	2	100 X 75 X 2.5
HX10075SS	2	100 X 75 X 2.5 (S/S BEARINGS)
HX100100SS	EACH	100 X 100 X 2.5 (S/S BEARINGS)

**STAINLESS STEEL HINGES - LARGE RADIUS**



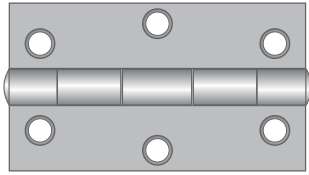
CODE	PACK QTY	SIZE
HX90LR	20	90 X 60
HX100LRSS	20	100 X 75 X 2.5 (S/S BEARINGS)

**SOLID BRASS HINGES - FIXED PIN**



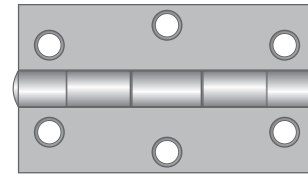
CODE	PACK QTY	SIZE
H40FBR	20	40 X 25
H50FBR	20	50 X 30
H65FBR	50	65 X 35
H75FBR	20	75 X 50
H100BFBR	20	100 X 100

**STEEL BUTT HINGES - FIXED PIN**



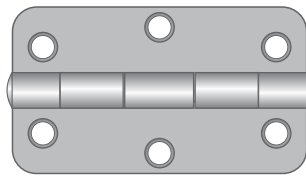
CODE	PACK QTY	SIZE	FINISH
H25FB	50	25 X 20	BRONZE
H40FB	50	40 X 25	BRONZE
H40FZ	50	40 X 25	ZINC
H50FB	50	50 X 30	BRONZE
H50FZ	50	50 X 30	ZINC
H65FB	50	65 X 35	BRONZE
H65FZ	50	65 X 35	ZINC
H75FB	20	75 X 50	BRONZE
H75FZ	20	75 X 50	ZINC
H90FZ	20	90 X 60	ZINC
H90FB	20	90 X 60	BRONZE
H90BFB	20	90 X 90	BRONZE
H90BFZ	20	90 X 90	ZINC
H100FB	20	100 X 75	BRONZE
H100FZ	20	100 X 75	ZINC
H100BFZ	20	100 X 100	ZINC
H100BFB	20	100 X 100	BRONZE
H100100BFSCSS	20	100 X 100 X 3MM	SATIN

**STEEL BUTT HINGES - LOOSE PIN**



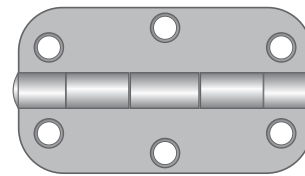
CODE	PACK QTY	SIZE	FINISH
H75LB	20	75 X 50	BRONZE
H75LZ	20	75 X 50	ZINC
H90LB	20	90 X 60	BRONZE
H90LZ	20	90 X 60	ZINC
H90BLB	20	90 X 90	BRONZE
H90BLZ	20	90 X 90	ZINC
H100LB	20	100 X 75	BRONZE
H100LZ	20	100 X 75	ZINC
H100BLB	20	100 X 100	BRONZE
H100BLZ	20	100 X 100	ZINC

**STEEL HINGES - SMALL RADIUS 6.35MM LOOSE PIN**



CODE	PACK QTY	SIZE	FINISH
H90SRBP	20	90 X 60	BRASS PLATE
H90SRCB	20	90 X 60	COLONIAL BRONZE
H90SRLB	20	90 X 60	COLONIAL BRONZE
H90SRLZ	20	90 X 60	ZINC CHROMATE
H90SRNP	20	90 X 60	NICKEL PLATE
H90SRSC	20	90 X 60	SATIN CHROME
H90SRBN2	20	90 X 60	BRUSHED NICKEL
H100SRLB	20	100 X 75	BRONZE PLATE
H100SRLZ	20	100 X 75	ZINC CHROMATE
H100SRSC	20	100 X 75	SATIN CHROME
H10075SRSCSS	20	100 X 75 X 2.5	SATIN CHROME
H100100SRSCSS	20	100 X 100 X 3MM	SATIN CHROME

**STEEL HINGES - LARGE RADIUS 12.7MM LOOSE PIN**



CODE	PACK QTY	SIZE	FINISH
H90LRBP	20	90 X 60	BRASS PLATE
H90LRCB	20	90 X 60	COLONIAL BRONZE
H90LRNP	20	90 X 60	NICKEL PLATE
H90LRSC	20	90 X 60	SATIN CHROME
H90LRZC	20	90 X 60	ZINC CHROMATE

**DESIGNED FOR YOUR INDUSTRY**



Full stock range available



# FORTRESS<sup>®</sup>

FASTENERS

Product Catalogue  
Muro

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## MURO EASY SYSTEM

### CH7241 - Easy Driver

- Just load a strip of screws into Easy Driver and you are ready to start the job
- Labour and material savings on every job
- No more dropped or lost screws

#### Recommended Applications

- Drywall or wood to light metal studs
- Drywall or wood to wood studs
- Metal to metal

#### User Features

- Adjustable depth control for repeatable countersinking
- Rubber nose piece prevents damage to work surface
- Lightweight
- Drives 20mm to 40mm screws - no adjustment required
- No more dropped or lost screws
- Ergonomically friendly - work standing up
- Housing can be easily rotated for access into tight spaces
- Reversible
- Durable housing made from glass filled reinforced nylon
- Nickel plated screw guides for extended wear
- 30 screws per strip
- Can accommodate either pneumatic or electric drive systems
- 1 year Warranty

#### Operational Accessories

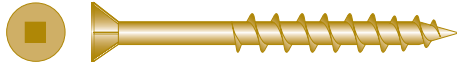
- Extension T handle - fully adjustable, allows for standing operation, no more back pain
- Padded carry bag
- Double ended bits - that change quickly, no tools needed
- Screw pouch clips to your belt for a convenient supply of screw strips



**MURO EASY SYSTEM**

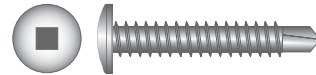


**SUREFAST COUNTERSUNK SQUARE WOODSCREW YELLOW ZINC**



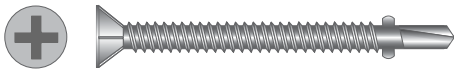
SIZE	PACK QTY	CODE
8G X 25MM	3000	MUECS8100NHLMS
8G X 32MM	2400	MUECS8114YMS

**PAN SQUARE SDS SELF TAPPER ZINC PLATED**



SIZE	PACK QTY	CODE
10G X 20MM	3000	MUEGS0034BMS
10G X 25MM	3000	MUEGS0100BMS

**COUNTERSUNK PHILLIPS WINGTEK CLASS 3**



SIZE	PACK QTY	CODE
8G X 40MM	2100	MUECH2440CMSU

**MURO EASY DOUBLE ENDED DRIVER BITS**



SIZE	PACK QTY	CODE
#2 PHILLIPS	EACH	MUEPHL25118
#2 SQUARE	EACH	MUESQR25118

**MURO EASY TOOL**



TOOL	CODE
EASY GUN CH7241	MUECH7241WU

**MURO EASY & ULTRA ADAPTORS**



TYPE	CODE
FITS MAKITA 6823/6824/6825 MURO	MUU170-70010
FITS DE WALT 274/276 MURO	MUU170-70040
FITS MAKITA 2300 MURO	MUU170-70130



## CH7390 - Ultra Driver

- Just insert a Muro strip into Ultra Driver and you're ready to go
- Helps you stay competitive - labour savings on every job
- Tool has the flexibility to be used for a variety of jobs or just become the workhorse in your area of expertise

### Recommended Applications

- Sub Floor
- Decks
- Docks
- Fence
- Framing
- Garage Storage Systems
- Slotted Wall Panels
- Store Fixtures

### User Features

- Adjustable depth control for repeatable countersinking
- Rubber nose piece prevents damage to work surface
- Lightweight
- No more dropped or lost screws
- Ergonomically friendly - work standing up
- No predrilling
- Housing can be easily rotated for access into tight spaces
- CH7390 drives 40mm to 75mm screws - General Purpose tool
- CH7390SF drives 40mm to 50mm screws - specific for sub floor applications provides a shorter stroke making it the fastest sub floor system on the market. Developed for the professional.
- CH7390SW drives 40mm to 50mm screws - designed for slotted wall systems
- Reversible
- Durable housing made from glass filled reinforced nylon.
- Nickel plated screw guides for extended wear
- 30 screws per strip
- Can accommodate either pneumatic or electric drive systems.
- 1 year Warranty

### Operational Accessories

- Extension T handle - fully adjustable, allows for standing operation, no more back pain.
- Padded carry bag
- Double ended bits - that change quickly, no tools needed.
- Screw pouch clips to your belt for a convenient supply of screw strips.

MURO ULTRA SYSTEM

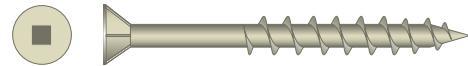


SUREFAST COUNTERSUNK SQUARE WOODSCREW YELLOW / ZINC



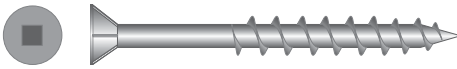
SIZE	PACK QTY	CODE
8G X 40MM	2100	MUUCS8112YMSU
8G X 50MM	1800	MUUCS8200YMSU
8G X 65MM	1500	MUUCS8212YMSU
8G X 75MM	1200	MUUCS8300YMSU
10G X 50MM	900	MUUCS0200YMSU-T17
10G X 65MM	1500	MUUCS0212BMSU

SUREFAST COUNTERSUNK SQUARE WOODSCREW GREEN CLASS 3



SIZE	PACK QTY	CODE
8G X 50MM	1800	MUUES8200CMSU-G
8G X 65MM	1500	MUUES8212CMSU-G

SUREFAST COUNTERSUNK SQUARE WOODSCREW STAINLESS STEEL



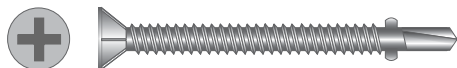
SIZE	PACK QTY	CODE
10G X 50	900	MUUCS0200SMSU-T17
10G X 65MM	900	MUUCS0212YMSU-T17N

EJECTOR DECKING SCREW STAINLESS STEEL T305



SIZE	PACK QTY	CODE
10G X 65MM	1500	MUUTS0212SMSU-EJ

COUNTERSUNK PHILLIPS WINGTEK CLASS 3



SIZE	PACK QTY	CODE
8G X 40MM	2100	MUUCH2440CMSU

TRIM HEAD COUNTERSUNK SQUARE DRIVE STAINLESS STEEL T305



SIZE	PACK QTY	CODE
7G X 65MM	1500	1500 MUUYS7212SMSU-WP

MURO ULTRA DOUBLE ENDED DRIVER BITS



SIZE	PACK QTY	CODE
#1 SQUARE	EACH	MUUPHL28118
#2 SQUARE	EACH	MUUSQR18118
#2 PHILLIPS	EACH	MUUSQR28118

MURO ULTRA TOOL



SIZE	CODE
ULTRA ATTACHMENT 7390*	MUUCH7390C

\*REQUIRES GUN & ADAPTOR

ULTRA TOOL (WITH MAKITA GUN & ADAPTOR) MUULTRAKIT



## FDVL41 - Speed Driver

- The tool that truly stands on it's own with the capability do all the jobs
- Industrial strength for the discriminating contractor, one piece system with no awkward attachments
- No predrilling of wood required
- Tremendous labour savings on every job

### Recommended Applications

- Sub Floor
- Underlayment
- Decking
- Docks
- Backer Board
- Roofing

### User Features

- Adjustable depth control for repeatable countersinking
- Drives 25mm to 75mm screws - slight adjustment required
- Reversible
- No more dropped or lost screws.
- Ergonomically friendly - no more reaching for every single screw, can be fitted with extension handle - work while standing up
- 150 screws per coil
- 1 year Warranty

### Operational Accessories

- Extension T handle - fully adjustable, allows for standing operation, no more back pain
- Palm handle attachment - provides better leverage and improved control for tighter spaces
- Padded carry bag
- Double ended bits - that change quickly, no tools needed

**MURO SPEED SYSTEM**

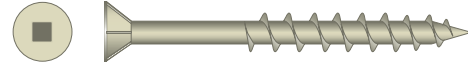


**SUREFAST COUNTERSUNK WOODSCREW YELLOW ZINC**



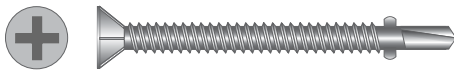
SIZE	PACK QTY	CODE
8GX 50MM	1800	MUSCS8200YLP

**SUREFAST COUNTERSUNK WOODSCREW GREEN CLASS 3**



SIZE	PACK QTY	CODE
8G X 32MM	3600	MUSES8114C-G
8G X 50MM	1800	MUSES8200CLP-G
8G X 65MM	1800	MUSES8212CLP-G

**COUNTERSUNK PHILLIPS WINGTEK CLASS 3**



SIZE	PACK QTY	CODE
10G X 40MM	2700	MUSCH2640C

**SUREFAST COUNTERSUNK SQUARE WOODSCREW STAINLESS STEEL**



SIZE	PACK QTY	CODE
10G X 50MM	1800	MUSCS0200SLP-T17

**MURO SPEED DOUBLE ENDED DRIVER BITS**



SIZE	PACK QTY	CODE
#2 PHILLIPS	EACH	MUSPHL27114
#2 SQUARE	EACH	MUSSQR27114

**MURO SPEED TOOL**



TOOL	CODE
SPEED GUN FDVL41 WITH EXT HANDLE	MUSFDRH02
PALM HANDLE FOR FD/FL TOOLS MURO	MUVISRH903
MURO TAPE CUT OFF DEVICE FD/FL TOOLS	MUATPCUTKT





## FLVL41 - Power Driver

- Industrial strength for the professional contractor, one piece system no awkward attachments
- No predrilling of wood required
- Tremendous labour savings on every job

### Recommended Applications

- Wood to Mild Steel
- Wood to Aluminum
- Dock Building
- Truck & Trailer Restoration

### User Features

- Adjustable depth control for repeatable countersinking, no raised screw heads
- Drives 25mm to 75mm screws - slight adjustment required
- Reversible
- No more dropped or lost screws
- Ergonomically friendly - no more reaching for every single screw, can be fitted with extension handle - work while standing up
- 100 to 150 screws per coil, based on screw size
- Drives special RSM screws - wings ream a slightly oversized hole so threads will not engage wood, keeping hole free of wood debris resulting in a very tight attachment  
Wings break off when they hit the steel, and the threads engage and self tap into metal
- 1 year Warranty

### Operational Accessories

- Extension T handle - fully adjustable, allows for standing operation, no more back pain
- Palm handle attachment - provides better leverage and improved control for tighter spaces
- Padded carry bag
- Double ended bits - that change quickly, no tools needed



MURO POWER SYSTEM

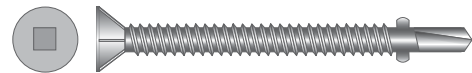


COUNTERSUNK SQUARE WINGTEK ZINC PLATED



SIZE	PACK QTY	CODE
12G X 32MM	2400	MUPRSM532BFL
12G X 47MM	1800	MUPRSM547BFL
12G X 52MM	1200	MUPRSM552BFL
12G X 62MM	1200	MUPRSM562BFL
12G X 72MM	600	MUPRSM572BFL
14G X 40MM	1800	MUPRSM640BFL
14G X 45MM	1800	MUPRSM645BFL
14G X 55MM	1200	MUPRSM655BFL
14G X 65MM	1200	MUPRSM665BFL
14G X 75MM	600	MUPRSM675BFL

COUNTERSUNK SQUARE WINGTEK CLASS 3



SIZE	PACK QTY	CODE
14G X 40MM	1800	MUPRSM640MFL
14G X 45MM	1800	MUPRSM645MFL
14G X 55MM	1200	MUPRSM655MFL
14G X 65MM	1200	MUPRSM665MFL
14G X 75MM	600	MUPRSM675MFL

EJECTOR DECKING SCREW STAINLESS STEEL T305 (110 QTY PER COIL)



SIZE	PACK QTY	CODE
14G X 50MM	3520	MUPTS4200SFL-EJ
14G X 75MM	2640	MUPTS4300SFL-EJ
14G X 100MM	1760	MUPTS4400SFL-EJ

MURO POWER DOUBLE ENDED DRIVER BITS



SIZE	PACK QTY	CODE
#2 SQUARE	EACH	MUUSQR28118
#3 SQUARE	EACH	MUPSQR38000

MURO POWER TOOL



TOOL	CODE
POWER GUN FLVL41 WITH EXT HANDLE	MUPFLRH02
PALM HANDLE FOR FD/FL TOOLS MURO	MUVISRH903
MURO TAPE CUT OFF DEVICE FD/FL TOOLS	MUATPCUTKT



100% NZ Owned & Operated