

# **BONDING FASTENERS**



#### WE SELL THE **COMPLETE PACKAGE** FOR YOUR SIGN & STRUCT URAL ADHESIVE NEEDS

- Abrasives
- Adhesives
- Dispensing Guns
- Sealants
- Silicones

- Specialty Chemicals Tapes
- No-Drill Bonding Fasteners<sup>™</sup>
- CounterBalance<sup>™</sup>

Order online at www.chemical-concepts.com or call 1.800.220.1966



### **Table of Contents**



MI Male Bolt Studs	6-8
F2 Female Collars	
FI Hex Nuts	12-14
Special	15

### chemical-concepts.com

#### Adhesive Experts



# Why Buy?



Buy from the Adhesive Innovators not the Immitators!

Rely on the Adhesive Experts... with answers to your questions based on over 40 years of experience in the stone fabrication industry.



#### WHY BUY YOUR ADHESIVES AND SUPPLIES FROM CHEMICAL CONCEPTS?

*Our experience is unlike any other general distributor.* We focus on adhesives, adhesive systems, and adhesive applications. Using adhesives successfully requires more than just buying the right tube of glue. Proper surface preparation, application methods, fixturing, etc, will determine the difference between 100% success or application failure. We deliver everything you need to get the job done right, including free consultation on special applications.

*The track record of Chemical Concepts* results from over 40 years of servicing industry markets. Not only do we know adhesives, we know your requirements.

*Our stock is fresh.* We order more adhesives in one month than a general distributor orders in a year. Plus we have industrial refrigeration in our warehouse to ensure peak product freshness. Our products will never be out of date or improperly stored.

Rely on the Adhesive Experts—with answers to your questions based on our 40+ years of experience servicing fabrication markets.

Top Represented Manufacturers. Learn why our customers continue to stick with us!



chemical-concepts.com

FASTENERS

Adhesive Experts



# **Bonding Fasteners**

# Chem-Set No Drill FASTENERS No drilling or welding! Mounts using structural adhesives



#### Available in stainless steel, aluminum or zinc plated

Please see our website for available sizes and dimensions



#### Use Chem-Set No Drill Bonding Fastener to replace rivets, tapes and welds.

- Bonds with metals, plastics, wood, composites, stone.
- Available in Zinc plated, stainless steel, Trivalent Zinc Coatings as well as Nano Plating on Mild Steel Parts
- No drilling or taping





**Applications:** Mounting, Wall Attachments, Under Mount Supports. Creative uses still being explored. Adhesive Experts



# **Bonding Fasteners**

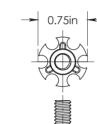
### **TYPE M1 MALE BOLT STUDS**

#### Available in both imperial and metric threads in a variety of lengths.

Μ

Type: M1-RB19





**Type: M1-B23** Ø0.906

Type: M1-B38

Available in plated steel and stainless steel

(plating meets European standards)

<b>M1-B19</b> (19M	M / 0.75	5") RC	DUND	
THREAD SIZE	COMM		ENGTH	S
1/4 UNC 10/32 UNF	.75"	1"	1.5"	2"
10/32 UNF	.75"	1"	1.25"	2"
	*Ade	ditional Th	nreads and Th	read Lengths Available

1-B23	(23MM /	0.91")	ROUND

THREAD SIZE	COM		.ENGTH	S	
1/4 UNC	.75"	1"	1.5"	2"	
10/32 UNF	.75"	1"	1.25"	2"	

\*Additional Threads and Thread Lengths Available

<b>M1-B38</b> (38	MM / 1.50" ) ROUND
THREAD SIZE	COMMON LENGTHS
1/4 UNC	.675".75"1"1.25"1.5"2"2.5"
1/4 UNC 10/32 UNF 3/8 UNC	.675" .75" 1" 1.25" 2"
3/8 UNC	1.5" 2" 2.5" 3"

\*Additional Threads and Thread Lengths Available

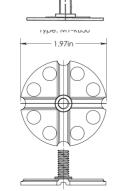
3"

#### **M1-B50** (50MM / 1.97") ROUND

THREAD SIZE	COMMON LENGTHS
1/4 UNC	.675".75"1"1.25"1.5"2"2.5"3"
10/32 UNF	.675" .75" 1" 1.25" 2"
3/8 UNC	1.5" 2" 2.5" 3"
	*Additional Threads and Thread Lengths Available





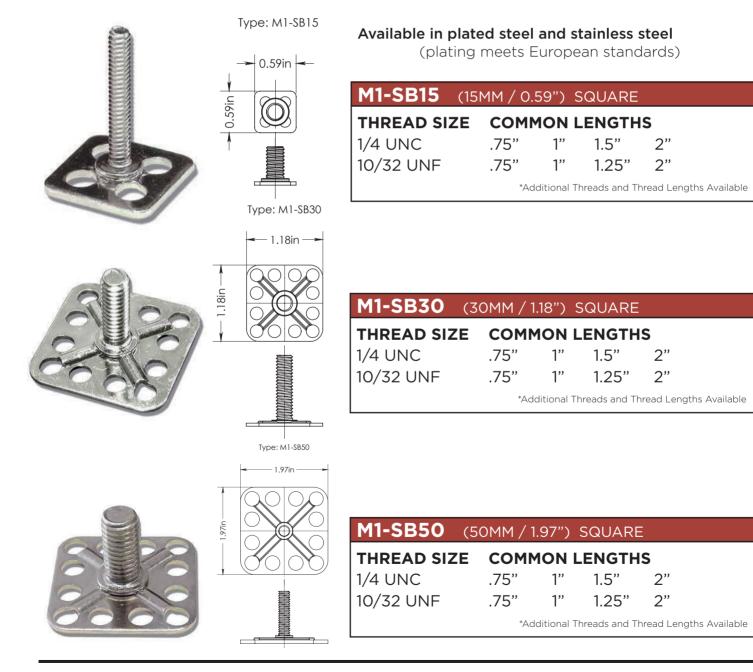




# **Bonding Fasteners**

### **TYPE M1 MALE BOLT STUDS**

#### Available in both imperial and metric threads in a variety of lengths.

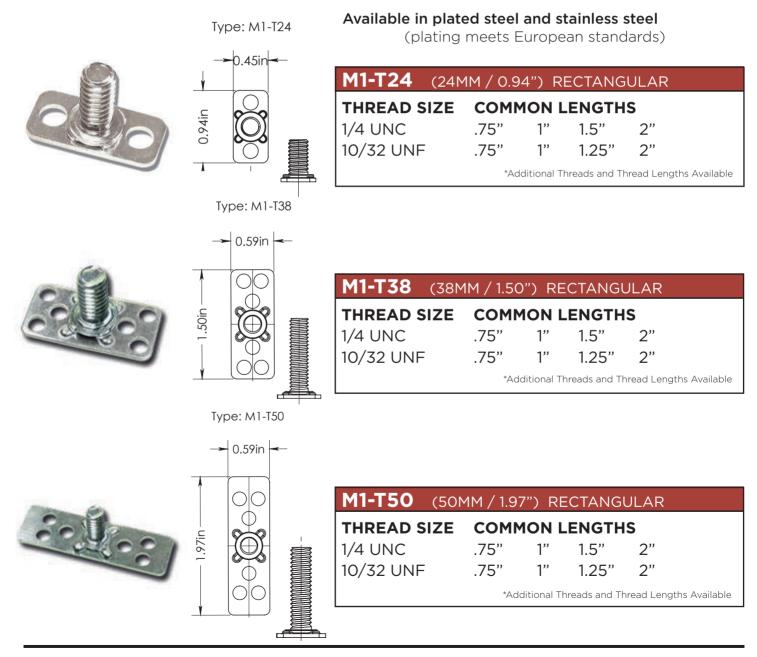




# **Bonding Fasteners**

### **TYPE M1 MALE BOLT STUDS**

#### Available in both imperial and metric threads in a variety of lengths.



Adhesive Experts



# **Bonding Fasteners**

### **TYPE F2** FEMALE COLLARS

F2 - Female Threaded Collars of various lengths mounted on a variety of baseplates. Available in both imperial and metric threads.

Type: F2-RB19





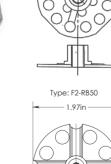


Ø0.906

<b>EO D10</b>				
F2-B19 (19MN	4 / 0.75") I	ROUND		
THREAD SIZE	COMM		NGTHS	
1/4 UNC	.375"	.5		
	*Additional 7	Threads and	Thread Leng	ths Available
F2-B23 (23M	M / 0.91")	ROUNE	)	
THREAD SIZE	СОММ		NGTHS	
1/4 UNC	.375"	.5	-,,, )	
	*Additional	Threads and	d Thread Leng	ths Available
F2-B38 (38M	M / 1.50")	ROUN	D	
THREAD SIZE	СОММО		NGTHS	
1/4 UNC	.375"	.5"	.75"	1"
10/32 UNF	.375"	.5"	.75"	1"
3/8 UNC	.375"	5"	75"	1"
	.070	.5	./ 5	
5/16 UNC	.375"		.75"	1"
	.375"	.5"		1"
5/16 UNC	.375" *Additional T	.5" Threads and	.75" Thread Leng	1"
-	.375" *Additional T	.5" Threads and	.75" Thread Leng	1"
5/16 UNC	.375" *Additional 1 1M / 1.97" )	.5" Threads and ROUN	.75" <sup>Thread Leng</sup>	1"
5/16 UNC <b>F2-B50</b> (50M <b>THREAD SIZE</b> 1/4 UNC	.375" *Additional 1 1M / 1.97" ) COMMO .375"	.5" Threads and ROUN ON LEP .5"	.75" Thread Leng D NGTHS .75"	1" ths Available 1"
5/16 UNC <b>F2-B50</b> (50M <b>THREAD SIZE</b> 1/4 UNC	.375" *Additional 1 1M / 1.97" ) COMMO .375"	.5" Threads and ROUN ON LEP .5"	.75" Thread Leng D NGTHS .75"	1" ths Available 1"
5/16 UNC <b>F2-B50</b> (50M <b>THREAD SIZE</b> 1/4 UNC 10/32 UNF	.375" *Additional 1 1M / 1.97" ) COMMO .375"	.5" Threads and ROUN ON LEP .5" .5"	.75" Thread Leng D NGTHS .75" .75"	1" ths Available 1" 1"

Type: F2-B38 ø1.496





	Type: F2-RB50	
		F2-B50
200		<b>THREAD SI</b> 1/4 UNC 10/32 UNF 3/8 UNC 5/16 UNC

Most popular bonding fasteners and sizes illustrated. See website for our complete line of fasteners @ Chemical-concepts.com

\*Additional Threads and Thread Lengths Available

Adhesive Experts



# **Bonding Fasteners**

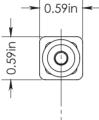
1.18in

### **TYPE F2** FEMALE COLLARS

#### **F2 - Female Threaded Collars of various lengths mounted on a variety of baseplates.** Available in both imperial and metric threads.

Type: F2-SB15







<b>F2-SB15</b> (15	5MM / 0.59	") SQU	ARE	
THREAD SIZE	соммо	N LENG	GTHS	
1/4 UNC 10/32 UNF	.375"	.5"	.75"	1"
10/32 UNF	.375"	.5"	.75"	1"
	*Additior	nal Threads	and Thread Le	engths Available

— 1.18in — <del>—</del>	F2-SB30 (38MM / 1.50") SQUARE						
	THREAD SIZE	соммо	N LENG	GTHS			
	1/4 UNC	.375"	.5"	.75"	1"		
	10/32 UNF	.375"	.5"	.75"	1"		
		*Additior	nal Threads	and Thread Le	engths Avai	ilable	
	R						

Type: F2-SB50	<b>F2-SB50</b> (5	0MM / 1.97'	') SQU	ARE	
	<b>THREAD SIZE</b> 1/4 UNC 10/32 UNF 3/8 UNC 5/16 UNC	<b>COMMOI</b> .375" .375" .375" .375"	N LENG .5" .5" .5" .5"	.75" .75" .75" .75" .75"	1" 1" 1" 1" engths Available
	8				

Adhesive Experts



# **Bonding Fasteners**

### **TYPE F2** FEMALE COLLARS

#### **F2 - Female Threaded Collars of various lengths mounted on a variety of baseplates.** Available in both imperial and metric threads.

Type: F1-T24

→0.45in<del><</del>

Type: F2-T38



¥		Ŭ
0.94in		
ł		
	$\mathbf{d}$	-

.496'

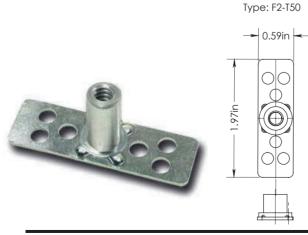
<b>F2-T24</b> (15M	1M / 0.59")	RECT	ANGLE	
THREAD SIZE	соммо	N LENC	GTHS	
1/4 UNC	.375"	.5"	.75"	1"
10/32 UNF	.375"	.5"	.75"	1"
	*Additior	nal Threads	and Thread Le	engths Available

(may)	
00	28



\*Additional Threads and Thread Lengths Available

11



F2-T50 (50M	1M / 1.97")	RECTA	NGLE	
THREAD SIZE	соммо		STHS	
1/4 UNC	.375"	.5"	.75"	1"
10/32 UNF	.375"	.5"	.75"	1"
	*Addition	nal Threads	and Thread Le	engths Availabl

Adhesive Experts



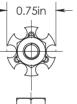
### **Bonding Fasteners**

### **TYPE F1 HEX NUTS**

**F1 - Female Hex Nuts securely mounted on a variety of perforated baseplates.** Available in both Inch and metric threads.

Type: F1-RB19







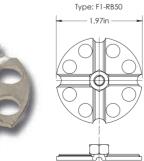






5/16 UNC





\*Additional Threads Available

	F1-B50	(50MM / 1.97") ROUN	D
		THREAD SIZE	
$\sim$		1/2 UNC	
Ę		1/4 UNC	
9		10/32 UNF	
		3/8 UNC	
		5/16 UNC	*Additional Threads Available

Adhesive Experts



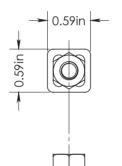
## **Bonding Fasteners**

### **TYPE F1 HEX NUTS**

**F1 - Female Hex Nuts securely mounted on a variety of perforated baseplates.** Available in both Inch and metric threads.

Type: F1-SB15



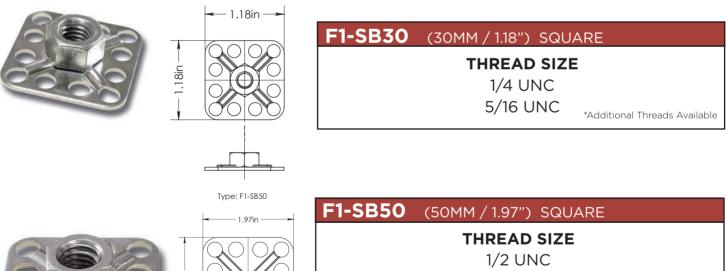


Type: F1-SB30

#### **F1-SB15** (15MM / 0.59") SQUARE THREAD SIZE 1/4 UNC

5/16 UNC

\*Additional Threads Available



< 1.97in>	FI-SBSC (SUMMI/1.97) SQUARE
	THREAD SIZE
	1/2 UNC
	1/4 UNC
	10/32 UNF
	3/8 UNC
	5/16 UNC
	*Additional Threads Available

Adhesive Experts

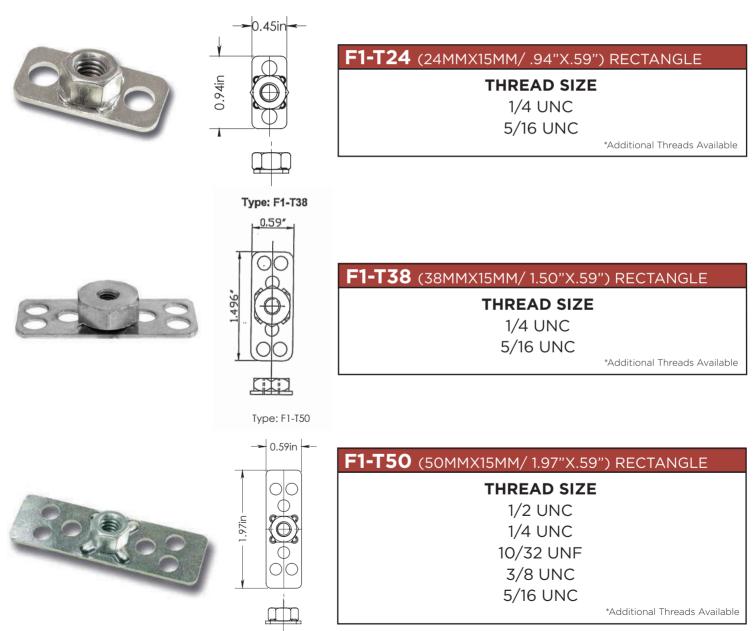


## **Bonding Fasteners**

### **TYPE F1 HEX NUTS**

#### **F1 - Female Hex Nuts securely mounted on a variety of perforated baseplates.** Available in both Inch and metric threads.

Type: F1-T24



Adhesive Experts



# **Bonding Fasteners**

#### **SPECIALTY ITEMS**

Available in both Inch and metric threads.

Type: T38 FLAT – 1.50in -0.59in Type: M1-HP44 1.75in Type: M4-RB38 Ø 1.50in -Type: M7-SB32 1.26in

M1-T38 38N	1M / 0.90") RECTANGULAR
THREAD SIZE	COMMON LENGTHS
1/4 UNC	.675".75"1"1.25"1.5"2"2.5"3"
10/32 UNF	.675".75"1"1.25"2"
3/8 UNC	1.5" 2" 2.5" 3"
	*Additional Threads and Thread Lengths Available

M1-HP44	
THREAD SIZE	COMMON LENGTHS
1/4 UNC	.675".75"1"1.25"1.5"2"2.5"3"
10/32 UNF	.675".75"1"1.25"2"
3/8 UNC	1.5" 2" 2.5" 3"

\*Additional Threads and Thread Lengths Available

15

M4-38	
THREAD SIZE	COMMON LENGTHS
N/A	N/A
	*No Threads Available. For Insulation Only.

	M7-SB32		
1	<b>THREAD SIZE</b> N/A	<b>COMMON LENGTHS</b> N/A	
D		*Use As Tie Downs	

# Chem-set No-Drill Fasteners for all industry markets

