



**UCan**

**FASTENING PRODUCTS**

*BUILDING LASTING CONNECTIONS*

**U-DRILLS®  
SELF DRILLING SCREWS  
USER'S GUIDE**

## UCAN FASTENING PRODUCTS

## COMPANY HISTORY

Established in 1967 by Harry Weitz, UCAN FASTENING PRODUCTS has been supplying high quality masonry and metal fasteners to the construction industry for over 50 years. With his extensive technical background in construction and architecture, Harry has always possessed a keen interest in fastener design, function and application.

Starting out as a wholesale distributor of innovative fastening products, made in the USA and Europe, UCAN was instrumental in bringing wedge anchors, concrete screws and galvanized spiral nail anchors to the Canadian market in the 1950s and 60s. Harry personally developed the EP932 tie wire anchor, which reduced installation time by 50%, as well as UCAN SCRU-IT<sup>®</sup>'s unique and efficient scalloped cutting thread. These fasteners gained immediate success in the marketplace.

From its' humble beginnings in part of a cramped warehouse, UCAN currently operates from an efficient 35,000 sq ft facility in Toronto.

UCAN's tight knit team of experienced, caring and knowledgeable outside and inside employees, provide an unrivalled level of customer service. Most orders are shipped the day they are received and order fill rates generally exceed 97%.

Also key to UCAN's success is the company's philosophy of constant product improvement through R&D and strict quality control at all stages of production.



Jeremy and Harry Weitz

UCAN remains a family owned business. While still involved at UCAN, Harry has passed the reins of the daily operation to his son, Jeremy who has been working at UCAN for over 28 years.

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UCAN U-DRILLS® are available in a wide range of types, sizes and finishes to suit many applications. In addition, UCAN is equipped to meet most specialty screw requirements.

### SELF DRILLING SCREWS



### SELF TAPPING SCREWS





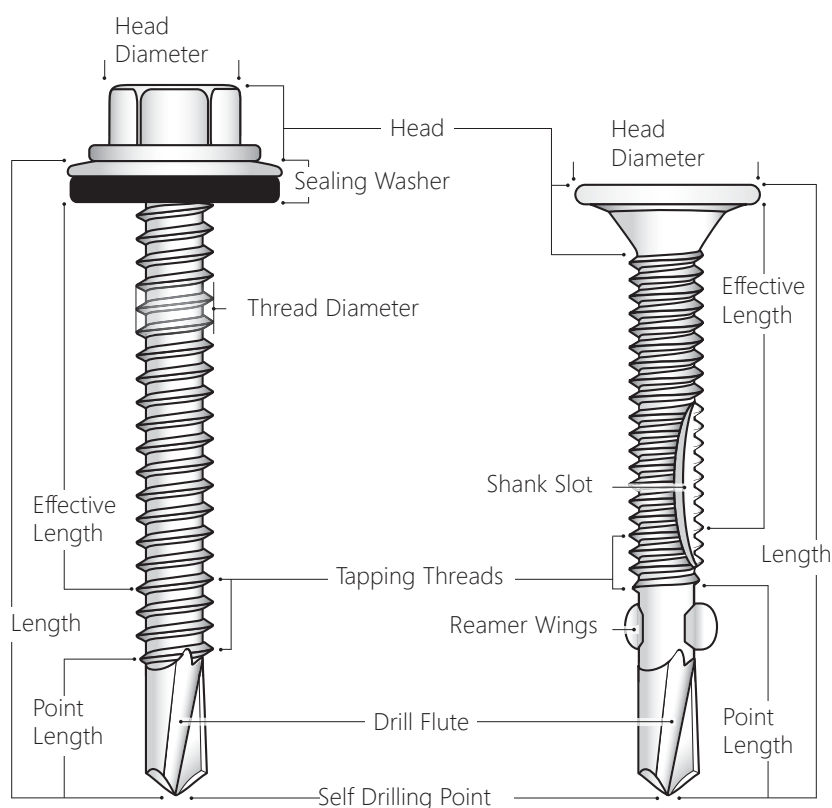
## INTRODUCTION

### UCAN U-DRILLS® SELF DRILLING AND SELF PIERCING SCREWS

The purpose of this guide is to provide our customers with a comprehensive understanding of U-DRILLS® as well as their correct application and installation. General guidelines are presented. Always evaluate site conditions as they may affect fastener choice and usage.

UCAN U-DRILLS® undergo strict, multistage, quality control. This ensures consistent performance that meets and exceeds industry standards.

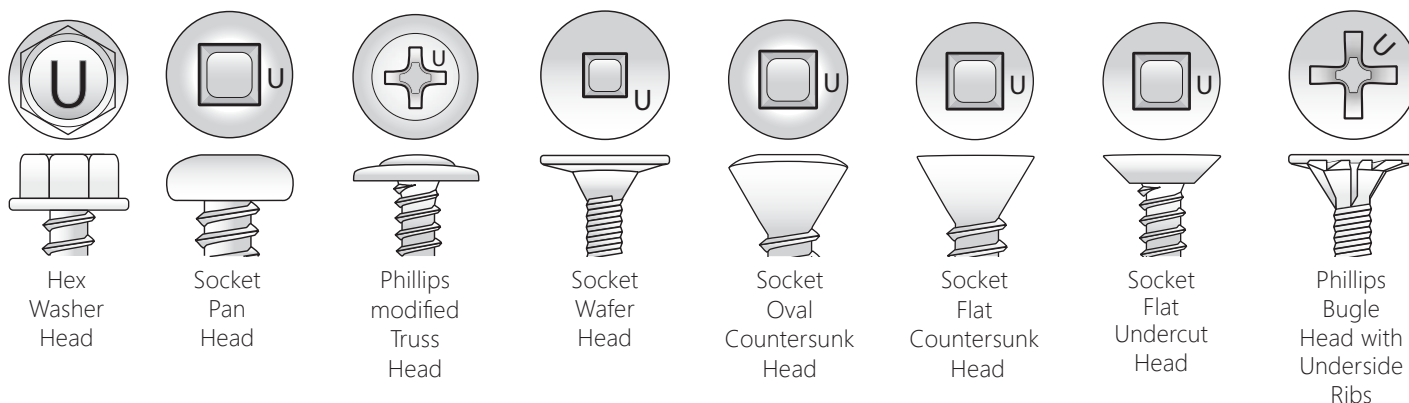
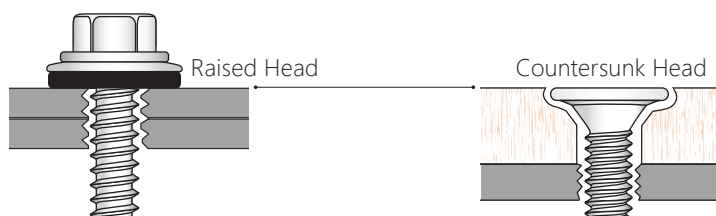
## SPECIFICATION TERMS



## TERMINOLOGY

### HEAD

U-DRILLS® screws are available in a wide array of head styles. UCAN screws are identified with a "U" head mark. Stainless steel U-DRILLS® are stamped "4" to indicate 410 stainless steel. Occasionally, limited space on the head does not allow for a stamp.



## THREAD

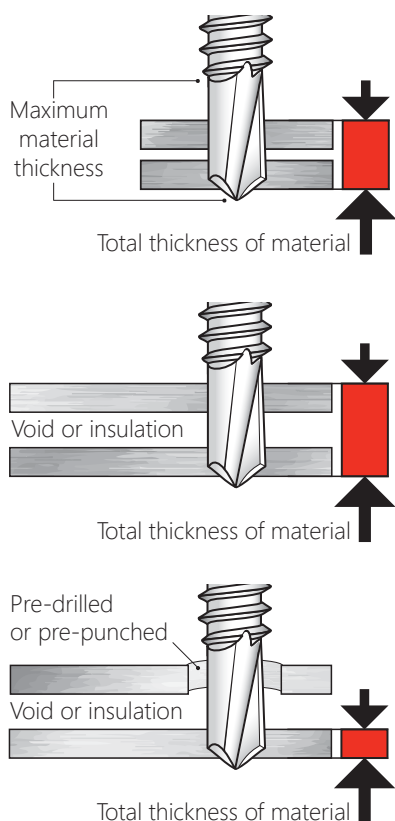
Thread pitch refers to the number of threads per inch (TPI). The same diameter screw may be offered in various thread pitches. For example, a ¼" diameter screw may have a pitch of 14, 20 or fine pitch of 28 TPI. Technically, these are referred to as ¼-14, ¼-20 and 1/40-28, respectively.

The rule of thumb is, the greater the thickness of material being drilled, the finer the TPI. Conversely, the thinner the material being drilled, the coarser the TPI.

The first 3 threads are referred to as "tapping threads". Their purpose is to tap a thread in the material being drilled. This function is sometimes augmented by a shank slot.

## DRILL FLUTE

The length of the drill flute determines the metal thickness that can be drilled.



## DECIMAL EQUIVALENTS OF STANDARD GAUGE OF SHEET METAL

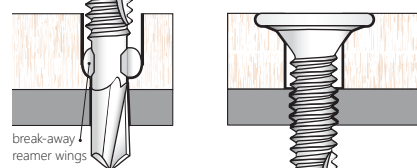
Gauge	Aluminum Metal	Sheet Metal
	Approx. Thickness in decimal parts of an inch	
8	0.1285	0.1644
9	0.1144	0.1495
10	0.1019	0.1345
11	0.0907	0.1196
12	0.0808	0.1046
13	0.0720	0.0897
14	0.0641	0.0747
15	0.0571	0.0673
16	0.0508	0.0598
17	0.0493	0.0538
18	0.0403	0.0474
19	0.0359	0.0418
20	0.0320	0.0358
21	0.0285	0.0329
22	0.0253	0.0295
23	0.0226	0.0269
24	0.0201	0.0239
25	0.0179	0.0209
26	0.0159	0.0179
27	0.0142	0.0164
28	0.0126	0.0149

METAL GAUGE

## DRILL POINT SELECTION

There are two basic U-DRILLS® applications, namely, fastening metal to metal and fastening wood to metal. If your job calls for drilling through non-predrilled wood, select a point with break-away reamer wings.

Fastening wood to metal



## SCREW LENGTH

For raised head (e.g. pan head) screws, the screw length is measured under head. For countersunk or flush finish (e.g. wafer head) screws, the screw length includes the head.

## EFFECTIVE SCREW LENGTH

The screw point and at least the first three threads must protrude through the material being drilled.

Therefore, the effective or usable screw length is calculated as follows: Screw Length – (Point + 3 threads).

## SCREW MATERIAL & FINISH

U-DRILLS<sup>®</sup> are available from stock in a variety of materials and finishes.

- C1010-C1020 carbon steel with zinc plating
- C1010-C1020 carbon steel with RUSPRO<sup>®</sup> corrosion resistant coating
- 410 stainless steel with RUSPRO<sup>®</sup> corrosion resistant coating

## CORROSION PROTECTION

UCAN RUSPRO<sup>®</sup> metal finish is a high-grade coating that combines bonded layers of baked ceramic and metallic zinc resulting in superb anti-corrosion properties.

## DISSIMILAR METALS

Whereas zinc plating provides basic corrosion protection, **UCAN RUSPRO<sup>®</sup>** coating guards the fastener against corrosion due to exposure to caustic environmental elements such as salt, prevalent in coastal areas, and sulphur dioxide, an emission of fossil fuel combustion.

RUSPRO<sup>®</sup> also helps protect against galvanic corrosion which occurs when two metals with very different galvanic potentials, such as low carbon steel and aluminum, are in contact in a corrosive environment. Unless there is a barrier between the two metals, one of them experiences an accelerated corrosion rate. RUSPRO<sup>®</sup> presents an effective barrier between a steel screw and aluminum fixture.

### ZINC PLATING

Plating thickness (0.0002" - 0.00035")

### RUSPRO<sup>®</sup> COATING

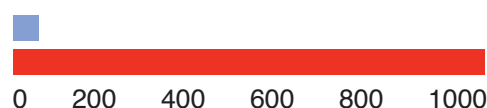
The RUSPRO<sup>®</sup> multi layer coating provides outstanding resistance against road salt, humidity, solvents and other corrosive elements.

- Exceptional corrosion resistance
- Excellent acid (SO<sub>2</sub>) resistance
- Bonded multi layer coating to resist abrasion

Salt Spray Resistance (ASTM B117 - 03)  
1,000 hours (5-10% red rust)

Kesternich Test DIN 50028 - (2.0 liter SO<sub>2</sub>)  
15-20 cycles (<10% red rust)

#### Hours to Red Rust (ASTM B117)



## 410 STAINLESS STEEL + RUSPRO®

Compared to C1020 carbon steel, type 410 stainless steel offers a greater degree of resistance to atmospheric corrosion and mildly corrosive chemical environments. All UCAN 410 stainless steel screws are coated with RUSPRO® for exceptional corrosion protection. 410 Stainless steel can be identified by the number "4" stamped into the head.



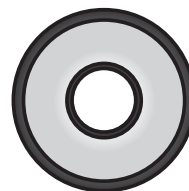
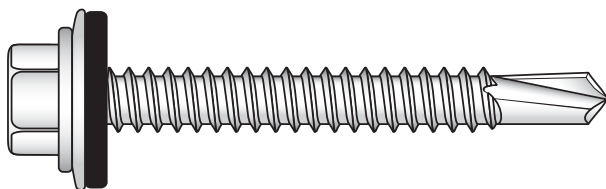
Distinctive carton packing with blue band to indicate 410 S.S.



## BONDED EPDM SEALING WASHERS

Commonly used in damp environments, bonded EPDM washers seal the connection and help prevent moisture from seeping into the drilled hole and causing corrosion of the drilled material or screw.

The following popular sizes of bonded EPDM sealing washers are kept in stock. Please enquire about additional sizes.



		Screw Size	Outside Diameter
TYPE I	Galvanized	# 8 - 10	12mm
TYPE II	Mechanical Galv. 1000 hrs	# 10 - 12	14mm
TYPE III	Stainless Steel 18-8	# 12	14mm
		# 14	16mm

UCAN also offers a wide selection of U-DRILLS® pre-assembled with bonded EPDM washers. Custom, automated, in-house washer assembly is available upon request. (See page 13)

EPDM is a extremely durable synthetic rubber. It exhibits excellent resistance to chemicals and ultraviolet light.

## HEAD PAINTING

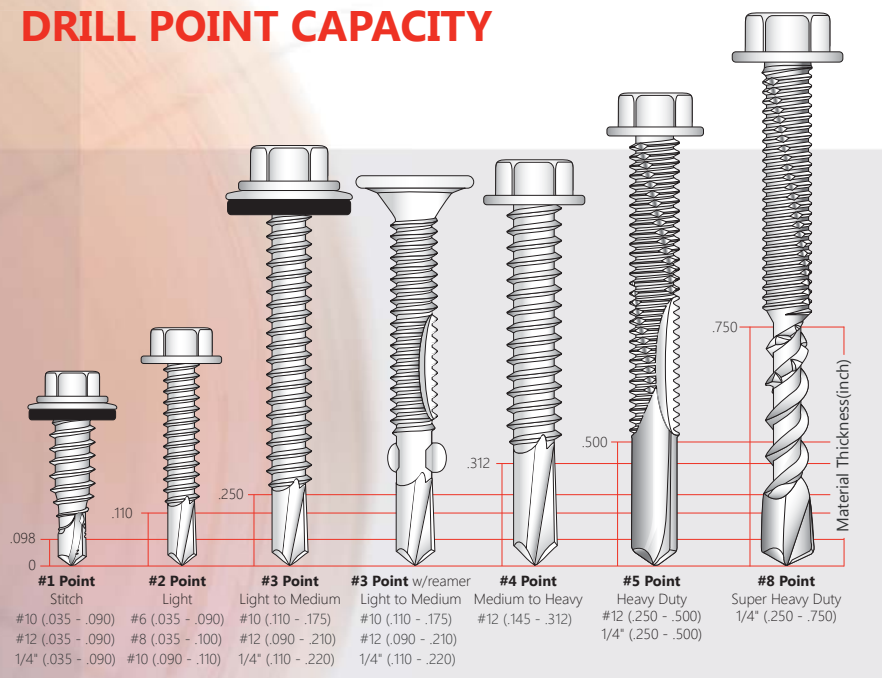
Screw heads are often painted to match the material being fastened. Several popular U-DRILLS® sizes with painted heads are available from stock. Please enquire about custom head painting.

## INSTALLATION

Install U-DRILLS® self drilling screws with a corded, variable speed (0-2,500 rpm or 0-1,800rpm), screw gun with clutch or depth sensitive nose piece. Never install U-DRILLS® with an impact tool or drywall screw gun, with up to 4,000rpm. Use of improper tools may result in over/under driven screws or stripped out fasteners.

Adjust the screw gun nose piece to properly seat the fastener. Position the screw perpendicular to the work surface and begin drilling, applying 25-35lb pressure to the tool. Let the screw do the work! Excessive pressure may increase installation time and lead to screw point failure. Observe the recommended RPM and Maximum Setting Torque indicated on page 9.

## U-DRILLS® SELF DRILLING SCREWS DRILL POINT CAPACITY



**NEW  
PRODUCT**

RUSPRO® COATED  
**MIGHTY  
MOLE®**



## DRILLS 3/4" STEEL IN UNDER 60s\*

\*Based on independent tests of TRH 144MB8, #8 pt. Mighty Mole. Results may vary.

### LIMITATIONS

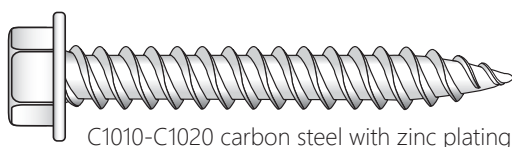
Self drill screws are not appropriate for use when fastening light gauge, or thin, sheet metal. The drill point tends to create an oversized hole which does not allow the threads to engage in the material being drilled. The fastener of choice in thin sheet metal is the U-DRILLS® SHARP POINT SCREW.

## U-DRILLS® SHARP POINT SCREWS

### HVAC DUCT FABRICATION

Hex washer head sharp point screws are commonly used for HVAC duct fabrication. They have the advantage of allowing for off angle fastening and are less prone to "walking" than self drill screws. Sharp piercing points and twin thread leads ensure fast drilling. They also cut cleanly into sheet metal producing few if any shavings. High profile hex heads ensure firm driver engagement.

Use in conjunction with a variable speed screw gun with clutch and or depth locating nose piece. Maximum recommended installation speed is 2,000 RPM.



C1010-C1020 carbon steel with zinc plating



Drill Capacity

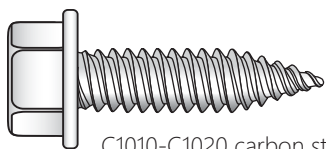
Maximum Total Material Thickness

20 – 28 gauge

.072"



## SHARP POINT HVAC SCREW FOR MULTIPLE LAYERS OF SHEET METAL



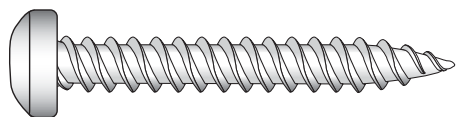
C1010-C1020 carbon steel with zinc plating

Screw Size	Drill Capacity	Maximum Total Material Thickness
#8 x 1/2"	20 – 28 gauge	.072"
#10 x 3/4"	18 – 26 gauge	0.100"

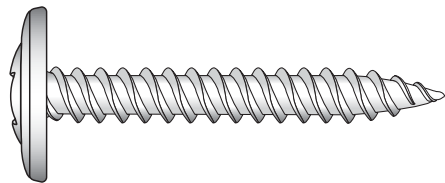
### ADDITIONAL APPLICATIONS

Socket pan head and modified truss head zinc plated sharp point screws are available from stock in a wide range of sizes, some with painted heads, for various applications including:

- Soffit and fascia installation
- Vinyl decking and fencing applications
- RV and van conversion
- Insulation fastening to steel studs with the use of EIFS plates

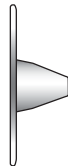
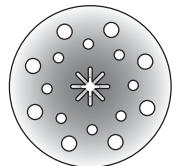
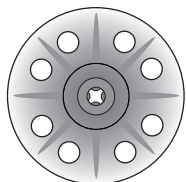


STP / Socket Pan Head






SPW / Phillips Modified Truss Head

### EIFS DISCS



Part No.	Size	Package Qty.
EID 134M	1-3/4" (45mm)	1,000
EIDS 2M	2" (50mm)	1,000

## DRIVER SELECTION

U-DRILLS®	 Magnetic Nut Setter	 Square Recess Bit	 Phillips Bit
#6	1/4	1	2
#8	1/4	2	2
#10	5/16	2	2
#12	5/16	3	3
#14	3/8 (5/16 stitch screws)	3	3

Remove chip build-up, inside magnetic sockets, as needed.

## RECOMMENDED RPM AND MAXIMUM SETTING TORQUE

Screw Size	Point	Recommended RPM	Min Ultimate Torsional Strength in-lb (Nm)*	Max. Setting Torque in-lb
6-20	1	1,800 - 2,500	24 (2.7)	16
8-18	2	1,800 - 2,500	42 (4.8)	28
10-16	3	1,000 - 1,800	61 (6.9)	40
10-24	3	1,000 - 1,800	65 (7.3)	43
12-14	3	1,000 - 1,200	92 (10.4)	61
12-24	5	1,000	100 (11.3)	66
¼-14	3	1,000	150 (17.0)	99
¼-20	3	1,000	156 (17.6)	103
¼-28	5	800 - 1,000	156 (17.6)	103
¼-20	8	800 - 1,000	156 (17.6)	103

\*Based on screw only. Does not consider base material limitations.

## PERFORMANCE DATA

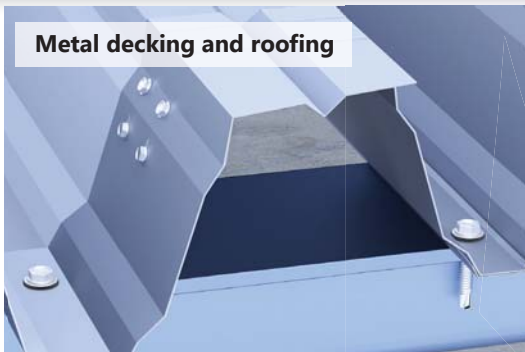
### ULTIMATE PULLOUT VALUES [LBS]

Size	Point	26ga	24ga	22ga	20ga	18ga	16ga	14ga	12ga	1/8"	3/16"	1/4"
8-18	2	119	193	265	298	491	703	959	1558			
8-18	3	120	191	239	285	470	663	910	1424	2287		
10-16	2				368	547	784	1033	1653			
10-16	3	124	208	266	299	499	708	967	1474	2077		
10-24	3	121	200	251	333	495	701	900	1375	2070	2612	
10-24	2	156	243	283	375	605	848	1181	1856	2568	3520	
12-14	3	142	211	289	341	551	757	1063	1631	2420	2998	
12-24	4					495	697	986	1532	2441	3485	3844
12-24	5					487	699	913	1527	2207	3701	3999
1/4-14	3	141	231	293	293	613	880	1145	1858	2406	4550	5033
1/4-28	5						615	872	1434	1990	4129	5054

### ULTIMATE SHEAR VALUES [LBS]

Size	Point	26ga	24ga	22ga	20ga	18ga	16ga	14ga	12ga	1/8"	3/16"	1/4"
8-18	2	294	496	560	740	1060	1078					
8-18	3				730	1090	1210	1214				
10-16	2	312	479	589	830	1206	1268					
10-16	3				728	1266	1540	1552				
10-24	3				769	1358	1620	1970	1986			
1/4-14	1	511	849	885	1244	1764						
1/4-14	3				930	1442	2100	2584	2650	2820		
12-24	4								2048	2030		
12-24	5									2700	2720	2762
1/4-28	5									3550	3598	3626

**Metal decking and roofing**



**Skylights**



**Solar panels**



**Steel stud**



**Specialty venting systems**



**Ductwork and diffusers**



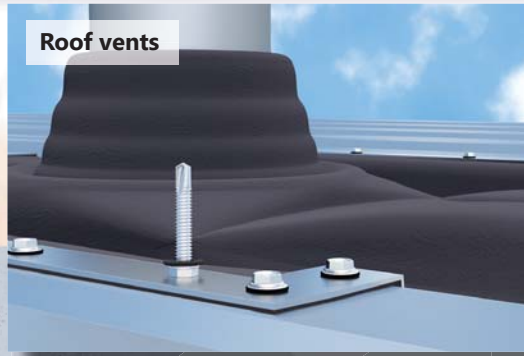
**Door sweeps/seals**



**Window channel**



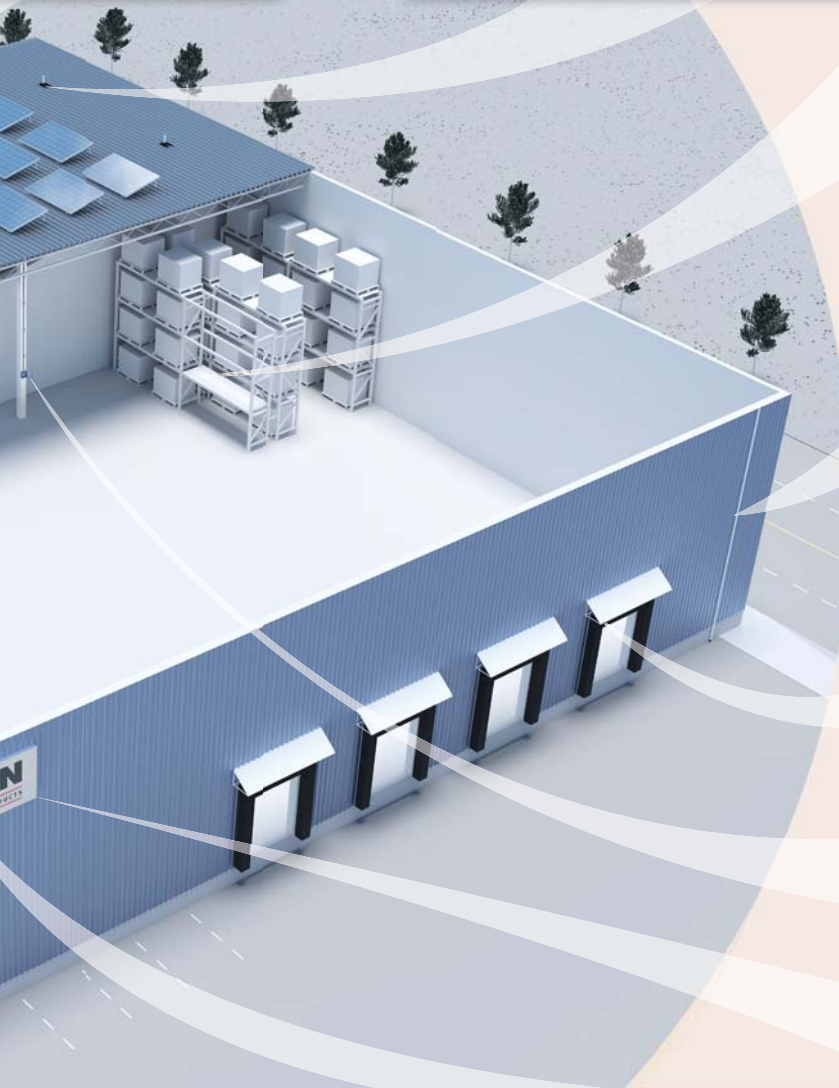




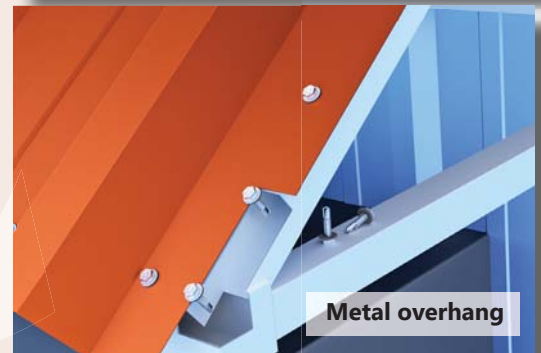
Roof vents



Plywood shelves



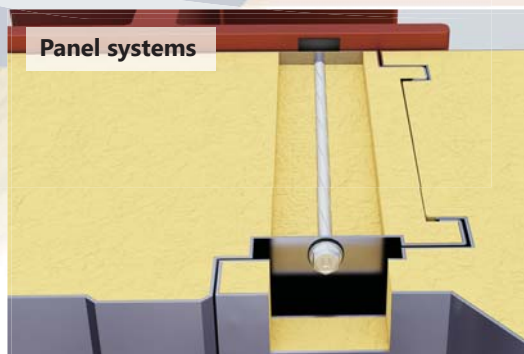
Downspout



Metal overhang



Electrical clips and boxes



Panel systems



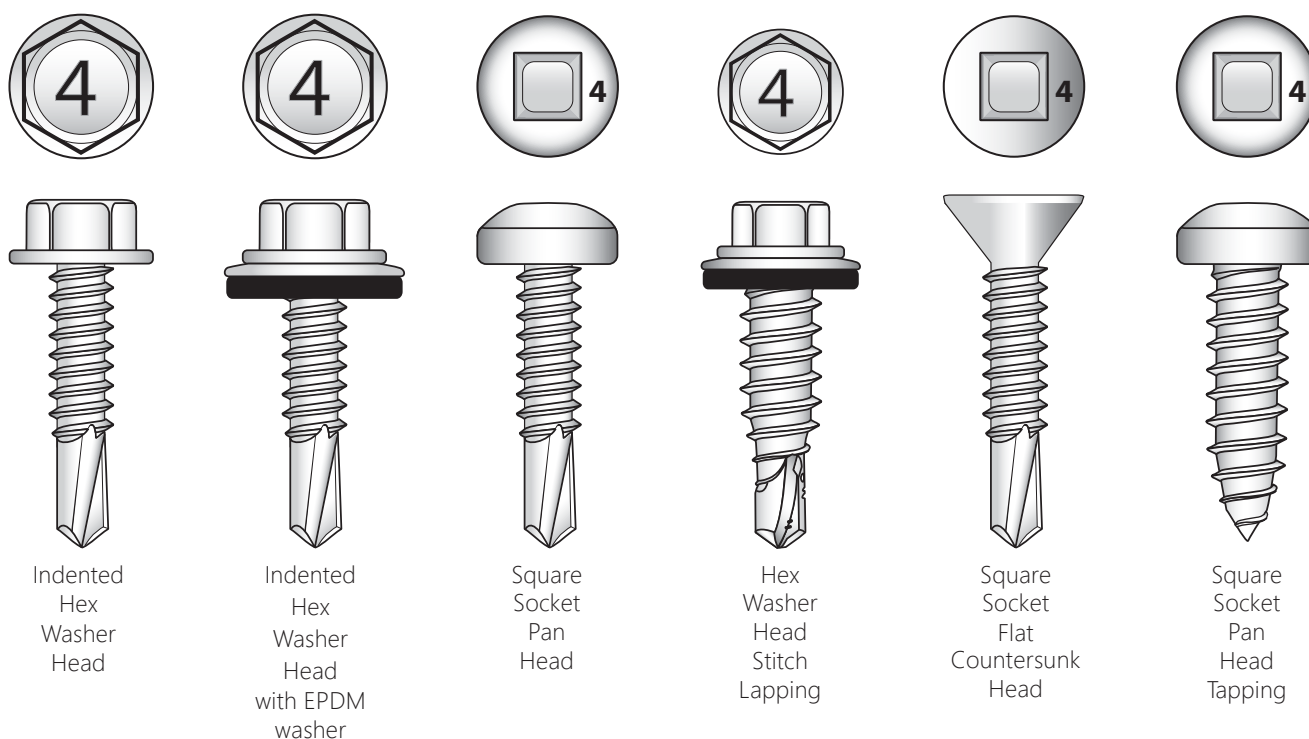
Sign installations

## 410 STAINLESS STEEL U-DRILLS<sup>®</sup> SELF DRILLING SCREWS

Combining the strength of hardened 410 stainless steel with the added corrosion resistance of 410 stainless steel + RUSPRO<sup>®</sup> coating.

Available from stock in an extensive range of sizes and head styles and assembled with stainless steel bonded EPDM washers

Distinctive "4" head marking, and packing carton with printed blue band, distinguish stainless steel U-DRILLS<sup>®</sup>



### APPLICATIONS

Fastening to steel framing, structural steel or bar joist

- HVAC, duct work
- Electrical boxes
- Brick ties (for level 3 corrosion applications)
- Clips
- Panels



UCAN offers automated assembly of many types of screws with bonded EPDM or neoprene washers. Please call for a quote. Capacity: Screw diameter # 8 – 14 Length 3/4" – 2-7/8"



## U-DRILLS® STAINLESS STEEL - BULK CASES

All UCAN grade 410 hardened stainless steel fasteners are RUSPRO® coated to prevent discolouring due to exposure. RUSPRO® coating provides excellent resistance to atmospheric corrosion and road salt.

### HEX WASHER HEAD

410 STAINLESS STEEL HARDENED RUSPRO® COATED



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TRH 812BSS *	8-18 X 1/2	2	.100/12 ga	10,000	34
TRH 1034BSS *	10-16 X 3/4	3	.175/7 ga	8,000	50
TRH 1234BSS	12-14 X 3/4	3	.210/5 ga	6,000	47
TRH 121BSS *	12-14 X 1	3	.210/5 ga	5,000	43
TRH 12112BSS	12-14 X 1-1/2	3	.210/5 ga	3,000	40
TRH 122BSS	12-14 X 2	3	.210/5 ga	2,000	33
TRH 1434BSS *	1/4-14 X 3/4	3	.220/4 ga	4,000	48
TRH 141BSS *	1/4-14 X 1	3	.220/4 ga	3,000	45
TRH 14114BSS	1/4-14 X 1-1/4	3	.220/4 ga	2,000	34
TRH 14112BSS	1/4-14 X 1-1/2	3	.220/4 ga	2,000	38
TRH 142BSS	1/4-14 X 2	3	.220/4 ga	1,500	36
TRH 143BSS	1/4-14 X 3	3	.220/4 ga	1,000	38
TRH 14312BSS	1/4-14 X 3-1/2	3	.220/4 ga	800	31
TRH 144BSS	1/4-14 X 4	3	.220/4 ga	500	21

\* Available in SUPER PAK JAR

410 STAINLESS STEEL HARDENED RUSPRO® COATED

with Bonded EPDM 18-8 Stainless Steel Washer



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TRH 1234BSSN	12-14 X 3/4	3	.210/5 ga	3,000	32
TRH 121BSSN	12-14 X 1	3	.210/5 ga	3,000	37
TRH 12112BSSN	12-14 X 1-1/2	3	.210/5 ga	2,000	31
TRH 141BSSN	1/4-14 X 1	3	.220/4 ga	2,000	42
TRH 14114BSSN	1/4-14 X 1-1/4	3	.220/4 ga	2,000	40
TRH 14112BSSN	1/4-14 X 1-1/2	3	.220/4 ga	1,000	23
TRH 142BSSN	1/4-14 X 2	3	.220/4 ga	1,000	28
TRH 143BSSN	1/4-14 X 3	3	.210/5 ga	1,000	38
TRH 14312BSSN	1/4-14 X 3-1/2	3	.210/5 ga	800	33
TRH 144BSSN	1/4-14 X 4	3	.210/5 ga	500	22

### PHILLIPS MODIFIED TRUSS HEAD

410 STAINLESS STEEL HARDENED RUSPRO® COATED



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TRW 812BSS	8-18 X 1/2	2	.100/12 ga	10,000	40

\* Available in SUPER PAK JAR

### SQUARE SOCKET PAN HEAD

410 STAINLESS STEEL HARDENED RUSPRO® COATED



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TRP 612BSS	6-20 X 1/2	2	.090/13 ga	15,000	28
TRP 812BSS *	8-18 X 1/2	2	.100/12 ga	15,000	48
TRP 834BSS	8-18 X 3/4	2	.100/12 ga	10,000	42
TRP 81BSS	8-18 X 1	2	.100/12 ga	7,500	37
TRP 8114BSS	8-18 X 1-1/4	2	.100/12 ga	6,000	40
TRP 8112BSS	8-18 X 1-1/2	2	.100/12 ga	6,000	44
TRP 1034BSS *	10-16 X 3/4	3	.175/7 ga	8,000	47
TRP 101BSS	10-16 X 1	3	.175/7 ga	5,000	35
TRP 10114BSS	10-16 X 1-1/4	3	.175/7 ga	4,000	33
TRP 10112BSS	10-16 X 1-1/2	3	.175/7 ga	4,000	39
TRP 102BSS	10-16 X 2	3	.175/7 ga	2,000	24
TRP 121BSS	12-14 X 1	3	.210/5 ga	5,000	47

\* Available in SUPER PAK JAR

### FLAT COUNTERSUNK HEAD

410 STAINLESS STEEL HARDENED RUSPRO® COATED

Square Socket Drive



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TRF 1034BSS	10-16 X 3/4	3	.175/7 ga	8,000	47
TRF 101BSS	10-16 X 1	3	.175/7 ga	5,000	35
TRF 10114BSS	10-16 X 1-1/4	3	.175/7 ga	4,000	33
TRF 10112BSS	10-16 X 1-1/2	3	.175/7 ga	4,000	39
TRF 12114BSS	12-14 X 1-1/4	3	.210/5 ga	4,000	44
TRF 12112BSS	12-14 X 1-1/2	3	.210/5 ga	3,000	40
TRF 142BSS	1/4-14 X 2	3	.210/5 ga	1,500	36

### SQUARE SOCKET PAN HEAD - TAPPING

18.8 STAINLESS STEEL PASSIVATED



Part No.	Size	Point	Case Qty.	Case Wt.
STA 812BSS	8 X 1/2	A	15,000	31
STA 812BSSN	8 X 1/2	A	w/EPDM washer	7,000
STA 834BSSN	8 X 3/4	A	w/EPDM washer	6,000

### STITCH LAPPING SCREW

410 STAINLESS STEEL HARDENED RUSPRO® COATED

Available with Bonded EPDM 18-8 Stainless Steel Washer



Part No.	Description	AF	Point	Case Qty.	Case Wt.
SRH 1478BSS	1/4-14 X 7/8	5/16"	1	3,500	50
SRH 1478BSSN	1/4-14 X 7/8 w/EPDM washer	5/16"	1	2,500	37



## U-DRILLS® BULK CASES SELF DRILLING METAL SCREWS

- U-DRILLS® SELF DRILLING SCREWS ARE MADE TO THE HIGHEST INDUSTRY QUALITY STANDARDS FOR OUTSTANDING PERFORMANCE.
- ALL SCREWS ARE AVAILABLE PAINTED OR PROTECTIVE COATED TO ORDER.

### SOCKET PAN HEAD

Zinc Plated



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TSP 638B	6-20 X 3/8	2	.090/13 ga	15,000	28
TSP 612B *	6-20 X 1/2	2	.090/13 ga	15,000	33
TSP 812B *	8-18 X 1/2	2	.100/12 ga	15,000	47
TSP 858B *	8-18 X 5/8	2	.100/12 ga	10,000	38
TSP 834B *	8-18 X 3/4	2	.100/12 ga	10,000	42
TSP 834BW	8-18 X 3/4 white hd	2	.100/12 ga	10,000	42
TSP 81B *	8-18 X 1	2	.100/12 ga	7,500	37
TSP 8112B *	8-18 X 1-1/2	2	.100/12 ga	6,000	44
TSP 82B	8-18 X 2	2	.100/12 ga	3,000	27
TSP 1012B *	10-16 X 1/2	2	.110/12 ga	10,000	45
TSP 1058B *	10-16 X 5/8	3	.175/7 ga	8,000	40
TSP 1034B *	10-16 X 3/4	3	.175/7 ga	8,000	45
TSP 101B *	10-16 X 1	3	.175/7 ga	5,000	35
TSP 10114B *	10-16 X 1-1/4	3	.175/7 ga	4,000	33
TSP 10112B *	10-16 X 1-1/2	3	.175/7 ga	4,000	39

\* Available in Super Pak Jar

### RUSPRO® Coated

TRP 834B	8-18 X 3/4	2	.100/12 ga	10,000	42
TRP 1034B	10-16 X 3/4	3	.175/7 ga	8,000	45
TRP 101B	10-16 X 1	3	.175/7 ga	5,000	35
TRP 10112B	10-16 X 1-1/2	3	.175/7 ga	4,000	39
TRP 121B	12-14 X 1	3	.210/5 ga	5,000	47
TRP 12112B	12-14 X 1-1/2	3	.210/5 ga	3,000	39

### PHILLIPS PAN HEAD

Zinc Plated



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TPP 812B	8-18 X 1/2	2	.100/12 ga	15,000	46
TPP 834B	8-18 X 3/4	2	.100/12 ga	10,000	42
TPP 81B	8-18 X 1	2	.100/12 ga	7,500	39
TPP 8112B	8-18 X 1-1/2	2	.100/12 ga	6,000	43
TPP 1012B	10-16 X 1/2	2	.110/12 ga	10,000	46
TPP 1034B	10-16 X 3/4	3	.175/7 ga	8,000	46
TPP 101B	10-16 X 1	3	.175/7 ga	5,000	33

### PHILLIPS MODIFIED TRUSS HEAD

Zinc Plated



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TPW 812B *	8-18 X 1/2	2	.100/12 ga	10,000	40
TPW 8114B	8-18 X 1-1/4	2	.100/12 ga	5,000	32
TPW 1034B	10-16 X 3/4	3	.175/7 ga	8,000	46

\* Available in Super Pak Jar

### HEX WASHER HEAD

Zinc Plated



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
THW 812B *	8-18 X 1/2	2	.100/12 ga	10,000	32
THW 812BW	8-18 X 1/2 white hd	2	.100/12 ga	10,000	34
THW 812BT	8-18 X 1/2 tan hd	2	.100/12 ga	10,000	34
THW 858B *	8-18 X 5/8	2	.100/12 ga	10,000	38
THW 834B *	8-18 X 3/4	2	.100/12 ga	10,000	43
THW 81B *	8-18 X 1	2	.100/12 ga	8,000	43
THW 8112B *	8-18 X 1-1/2	2	.100/12 ga	6,000	43
THW 1012B *	10-16 X 1/2	2	.110/12 ga	10,000	48
THW 1058B *	10-16 X 5/8	3	.175/7 ga	8,000	42
THW 1034B *	10-16 X 3/4	3	.175/7 ga	8,000	46
THW 1034BH	10-16 X 3/4 high hex	3	.175/7 ga	8,000	46
THW 1034BW	10-16 X 3/4 white hd	3	.175/7 ga	8,000	46
THW 101B *	10-16 X 1	3	.175/7 ga	5,000	36
THW 10114B *	10-16 X 1-1/4	3	.175/7 ga	4,000	35
THW 10112B *	10-16 X 1-1/2	3	.175/7 ga	3,000	31
THW 102B	10-16 X 2	3	.175/7 ga	2,000	25
THW 10212B	10-16 X 2-1/2	3	.175/7 ga	1,500	22
THW 103B	10-16 X 3	3	.175/7 ga	1,000	17
THW 1234B *	12-14 X 3/4	3	.210/5 ga	6,000	47
THW 121B *	12-14 X 1	3	.210/5 ga	5,000	46
THW 12114B	12-14 X 1-1/4	3	.210/5 ga	4,000	44
THW 12112B *	12-14 X 1-1/2	3	.210/5 ga	3,000	40
THW 122B *	12-14 X 2	3	.210/5 ga	2,000	33
THW 12212B	12-14 X 2-1/2	3	.210/5 ga	1,500	30
THW 1434B *	1/4-14 X 3/4	3	.220/4 ga	4,000	48
THW 141B *	1/4-14 X 1	3	.220/4 ga	3,000	45
THW 141BW	1/4-14 X 1 white hd	3	.220/4 ga	3,000	45
THW 141BT	1/4-14 X 1 tan hd	3	.220/4 ga	3,000	45
THW 14114B *	1/4-14 X 1-1/4	3	.220/4 ga	2,000	34
THW 14114BY	1/4-14 X 1-1/4 yellow zinc	3	.220/4 ga	2,000	34
THW 14112B *	1/4-14 X 1-1/2	3	.220/4 ga	2,000	38
THW 142B	1/4-14 X 2	3	.220/4 ga	1,500	36
THW 14212B	1/4-14 X 2-1/2	3	.220/4 ga	1,000	28
THW 143B	1/4-14 X 3	3	.220/4 ga	1,000	34
THW 144B	1/4-14 X 4	3	.220/4 ga	500	19
THW 146B	1/4-14 X 6	3	.220/4 ga	500	31

\* Available in Super Pak Jar

### RUSPRO® Coated

TRH 812B	8-18 X 1/2	2	.100/12 ga	10,000	32
TRH 812BW	8-18 X 1/2	2	.100/12 ga	10,000	32
TRH 1034B	10-16 X 3/4	3	.175/7 ga	8,000	46
TRH 10112B	10-16 X 1-1/2	3	.175/7 ga	3,000	31
TRH 1234B	12-14 X 3/4	3	.210/5 ga	6,000	47
TRH 121B	12-14 X 1	3	.210/5 ga	5,000	46
TRH 12114B	12-14 X 1-1/4	3	.210/5 ga	4,000	46
TRH 12112B	12-14 X 1-1/2	3	.210/5 ga	3,000	40
TRH 122B	12-14 X 2	3	.210/5 ga	2,000	33
TRH 141B	1/4-14 X 1	3	.220/4 ga	3,000	42
TRH 14201B	1/4-20 X 1	3	.220/4 ga	3,000	47
TRH 14114B	1/4-14 X 1-1/4	3	.220/4 ga	2,000	34
TRH 14112B	1/4-14 X 1-1/2	3	.220/4 ga	2,000	38
TRH 142B	1/4-14 X 2	3	.220/4 ga	1,500	36
TRH 143B	1/4-14 X 3	3	.220/4 ga	1,000	34

### NEED SOMETHING SPECIAL?

We can offer timely delivery and very competitive prices on most types and sizes of custom screws.





## U-DRILLS® BULK CASES SELF DRILLING METAL SCREWS

HEX WASHER HEAD					
Zinc Plated					
BONDED EPDM WASHER					
Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
THW 1034BN	10-16 X 3/4	3	.175/7 ga	3,000	26
THW 1234BN	12-14 X 3/4	3	.210/5 ga	3,000	32
THW 121BN	12-14 X 1	3	.210/5 ga	3,000	37
THW 12114BN	12-14 X 1-1/4	3	.210/5 ga	2,000	28
THW 12112BN	12-14 X 1-1/2	3	.210/5 ga	2,000	31
THW 122BN	12-14 X 2	3	.210/5 ga	2,000	36
THW 1434BN	1/4-14 X 3/4	3	.220/4 ga	3,000	46
THW 141BN	1/4-14 X 1	3	.220/4 ga	2,000	42
THW 14114BN	1/4-14 X 1-1/4	3	.220/4 ga	2,000	40
THW 14112BN	1/4-14 X 1-1/2	3	.220/4 ga	1,000	23
THW 142BN	1/4-14 X 2	3	.220/4 ga	1,000	28
THW 143BN	1/4-14 X 3	3	.220/4 ga	1,000	37
THW 144BN	1/4-14 X 4	3	.220/4 ga	500	23
RUSPRO® COATED SCREWS + TYPE II MECHANICAL GALVANIZED EPDM WASHER					
TRH 1034BN	10-16 X 3/4	3	.175/7 ga	3,000	26
TRH 1234BN	12-14 X 3/4	3	.210/5 ga	3,000	32
TRH 121BN	12-14 X 1	3	.210/5 ga	3,000	37
TRH 12114BN	12-14 X 1-1/4	3	.210/5 ga	2,000	28
TRH 12112BN	12-14 X 1-1/2	3	.210/5 ga	2,000	31
TRH 141BN	1/4-14 X 1	3	.220/4 ga	2,000	42
TRH 14114BN	1/4-14 X 1-1/4	3	.220/4 ga	2,000	40
TRH 14112BN	1/4-14 X 1-1/2	3	.220/4 ga	1,000	23
TRH 142BN	1/4-14 X 2	3	.220/4 ga	1,000	28
TRH 143BN	1/4-14 X 3	3	.210/5 ga	1,000	37
Automated washer assembly available for most sizes not listed.					

WOOD TO METAL APPLICATIONS					
SOCKET WAFER HEAD WITHOUT REAMER					
Zinc Plated					
Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TSW 101634B	10-16 X 3/4	3	.175/7 ga	8,000	45
TSW 1034B *	10-24 X 3/4	3	.175/7 ga	8,000	45
TSW 101B *	10-24 X 1	3	.175/7 ga	5,000	36
TSW 10114B *	10-24 X 1-1/4	3	.175/7 ga	3,000	26
TSW 10112B	10-24 X 1-1/2	3	.175/7 ga	3,000	31
TSW 122B	12-24 X 2	3	.210/5 ga	1,500	29
TSW 12212B	12-24 X 2-1/2	3	.210/5 ga	1,000	24
TSW 123B	12-24 X 3	3	.210/5 ga	1,000	22
TSW 124B	12-24 X 4	3	.210/5 ga	800	27
TSW 14112B	1/4-20 X 1-1/2	3	.210/5 ga	2,000	37
TSW 14212B	1/4-20 X 2-1/2	3	.210/5 ga	1,000	29
TSW 143B	1/4-20 X 3	3	.210/5 ga	1,000	34
SOCKET WAFER HEAD WITH REAMER					
TSW 10112RB *	10-24 X 1-1/2	3	.175/7 ga	3,000	30
TSW 122RB *	12-24 X 2	4	.312/5/16"	1,500	28
TSW 12212RB *	12-24 X 2-1/2	4	.312/5/16"	1,000	23
TSW 123RB *	12-24 X 3	4	.312/5/16"	1,000	27
TSW 124RB	12-24 X 4	4	.312/5/16"	800	28
* Available in Super Pak Jar					

HEAVY GAUGE APPLICATIONS					
HEX WASHER HEAD					
RUSPRO® Coated					
Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TRH 1278B4 *	12-24 X 7/8	4	.312/ 5/16"	5,000	44
TRH 12114B5 *	12-24 X 1-1/4	5	.500/ 1/2"	4,000	43
TRH 12112B5 *	12-24 X 1-1/2	5	.500/ 1/2"	3,000	39
TRH 122B5 *	12-24 X 2	5	.500/ 1/2"	1,500	25
TRH 143B5	1/4-28 X 3	5	.500/ 1/2"	1,000	37
TRH 144B5	1/4-28 X 4	5	.500/ 1/2"	500	24
TRH 145B5	1/4-28 X 5	5	.500/ 1/2"	500	30
TRH 146B5	1/4-28 X 6	5	.500/ 1/2"	500	36
TRH 147B5	1/4-28 X 7	5	.500/ 1/2"	400	36
TRH 148B5	1/4-28 X 8	5	.500/ 1/2"	400	35
TRH 1410B5	1/4-28 X 10	5	.500/ 1/2"	200	19
* Available in Super Pak Jar					
RUSPRO® COATED SCREWS + TYPE II MECHANICAL GALVANIZED EPDM WASHER					
TRH 1278B4N	12-24 X 7/8	4	.312/ 5/16"	3,500	40
TRH 12114B5N	12-24 X 1-1/4	5	.500/ 1/2"	3,000	40
TRH 12112B5N	12-24 X 1-1/2	5	.500/ 1/2"	2,000	31
TRH 122B5N	12-24 X 2	5	.500/ 1/2"	1,500	29
TRH 143B5N	1/4-28 X 3	5	.500/ 1/2"	1,000	37
TRH 144B5N	1/4-28 X 4	5	.500/ 1/2"	500	26
TRH 145B5N	1/4-28 X 5	5	.500/ 1/2"	500	32
TRH 146B5N	1/4-28 X 6	5	.500/ 1/2"	500	36
TRH 148B5N	1/4-28 X 8	5	.500/ 1/2"	400	36
HEX WASHER HEAD - 19MM DRILL CAPACITY					
RUSPRO® Coated					
Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TRH 12114MB5	12-24 X 1-1/4	5	0.5	4,000	48
TRH 12112MB5	12-24 X 1-1/2	5	0.5	3,000	43
TRH 122MB5	12-24 X 2	5	0.5	1,500	29
TRH 143MB5	1/4-28 X 3	5	0.5	1,000	37
TRH 144MB5	1/4-28 X 4	5	0.5	500	22
TRH 146MB5	1/4-28 X 6	5	0.5	500	32
TRH 143MB8	1/4-20 X 3-1/8	8	0.75	500	22
TRH 144MB8	1/4-20 X 4	8	0.75	500	32

STITCH LAPPING SCREW					
Zinc Plated					
Available with Bonded EPDM Washer					
Part No.	Description	AF	Point	Case Qty.	Case Wt.
SHW 1478B	1/4-14 X 7/8 HWH	5/16"	1	3,500	39
SHWN 1478B	1/4-14 X 7/8 w/ EPDM washer	5/16"	1	2,500	37
SHW 1478LB	1/4-14 X 7/8 HWH	3/8"	1	3,500	39
SHWN 1478LB	1/4-14 X 7/8 w/ EPDM washer	3/8"	1	2,500	41



## BULK CASES

# UCAN

### OVAL COUNTERSINK HEAD - ZINC PLATED



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TPO 61B	6-20 X 1	2	.090/13 ga	12,000	36
TSO 6114B	6-20 X 1-1/4	2	.090/13 ga	10,000	40

### U-DRILLS® 100 PACKS - ZINC PLATED



#### SOCKET PAN HEAD

Part No.	Size	Point	Drilling Capacity	Pkg. Qty.	Case Qty.	Case Wt.
TSP 612	6-20 X 1/2	2	.090/13 ga	100	1,000	3
TSP 812	8-18 X 1/2	2	.100/12 ga	100	1,000	5
TSP 858	8-18 X 5/8	2	.100/12 ga	100	1,000	5
TSP 834	8-18 X 3/4	2	.100/12 ga	100	1,000	5
TSP 81	8-18 X 1	2	.100/12 ga	100	1,000	6
TSP 1012	10-16 X 1/2	2	.110/12 ga	100	1,000	5
TSP 1034	10-16 X 3/4	2	.175/7 ga	100	1,000	7
TSP 101	10-16 X 1	2	.175/7 ga	100	1,000	7

#### HEX WASHER HEAD

THW 812	8-18 X 1/2	2	.100/12 ga	100	1,000	5
THW 858	8-18 X 5/8	2	.100/12 ga	100	1,000	5
THW 834	8-18 X 3/4	2	.100/12 ga	100	1,000	5
THW 81	8-18 X 1	2	.100/12 ga	100	1,000	6
THW 1012	10-16 X 1/2	2	.110/12 ga	100	1,000	6
THW 10112	10-16 X 1-1/2	3	.175/7 ga	100	1,000	10
THW 1034	10-16 X 3/4	3	.175/7 ga	100	1,000	7
THW 101	10-16 X 1	3	.175/7 ga	100	1,000	8
THW 1234	12-14 X 3/4	3	.210/5 ga	100	1,000	9
THW 121	12-14 X 1	3	.210/5 ga	100	1,000	11
THW 12112	12-14 X 1-1/2	3	.210/5 ga	100	1,000	14
THW 1434	1/4-14 X 3/4	3	.220/4 ga	100	1,000	13
THW 141	1/4-14 X 1	3	.220/4 ga	100	1,000	15
THW 14112	1/4-14 X 1-1/2	3	.220/4 ga	100	1,000	19

#### SOCKET WAFFER HEAD



TSW 1034	10-24 X 3/4	3	.175/7 ga	100	1,000	7
TSW 101	10-24 X 1	3	.175/7 ga	100	1,000	7
TSW 10114	10-24 X 1-1/4	3	.175/7 ga	100	1,000	9
TSW 10112	10-24 X 1-1/2	3	.175/7 ga	100	1,000	10
TSW 122	12-24 X 2	3	.210/5 ga	100	1,000	18
TSW 10112R	10-24 X 1-1/2	3	.175/7 ga	100	1,000	11
TSW 122R	12-24 X 2	4	.312/5/16"	100	1,000	18
TSW 12212R	12-24 X 2-1/2	4	.312/5/16"	100	1,000	19
TSW 123R	12-24 X 3	4	.312/5/16"	100	1,000	26

## SPECIALTY APPLICATIONS

### SHARP POINT SCREWS

#### RUSPRO® Coated



Part No.	Size	Head Style	Case Qty.	Case Wt.
SRP 1058B	10 X 5/8	Socket pan	8,000	41
SRP 102B	10 X 2	Socket pan	2,000	24
SRU 1034B	10 X 3/4	Socket flat undercut	8,000	44
SRF 10112B	10 X 1-1/2	Socket flat - Type"A"	4,000	32

### MACHINE SCREWS

#### SQUARE SOCKET - RUSPRO® Coated



Part No.	Size	Head Style	Case Qty.	Case Wt.
MSR 1434B	1/4-20 X 3/4	Round head	4,000	51
MSR 141B	1/4-20 X 1	Round head	3,000	48
MSR 142B	1/4-20 X 2	Round head	1,500	22
MSR 14212B	1/4-20 X 2 -1/2	Round head	1,000	12

### SELF TAPPING SCREWS - ZINC PLATED



Part No.	Size	Head	Point	Case Qty.	Case Wt.
AST 6112B	6 X 1-1/2	Truss	A	6,000	30
AHT 6112B	6 X 1-1/2	HWH	A	6,000	30

### FLAT COUNTERSINK HEAD - ZINC PLATED



Part No.	Size	Point	Drilling Capacity	Case Qty.	Case Wt.
TSF 858B	8-18 X 5/8	2	.100/13 ga	10,000	27

### CB SCREWS



#### SELF DRILLING

Part No.	Size	Case Qty.	Case Wt.
CBT 114B	8 X 1-1/4	5,000	31
CBT 158B	8 X 1-5/8	4,000	31

#### SPOON POINT

CBS 114B	8 X 1-1/4	5,000	31
CBS 158B	8 X 1-5/8	4,000	30
CBS 214B	8 X 2-1/4	2,500	26



## SHARP POINT SELF-PIERCING

### HEX WASHER HEAD

Zinc Plated

- Twinfast thread design for sheet metal industry



Part No.	Head Style	Size	Case Qty.	Case Wt.
STHS 8916B	Hex/Socket	8 X 9/16	10,000	33
STH 8916B *	Hex	8 X 9/16	10,000	33
STH 834B	Hex	8 X 3/4	10,000	41
STH 81B	Hex	8 X 1	8,000	41
STH 8114B	Hex	8 X 1-1/4	7,000	43
STH 8112B	Hex	8 X 1-1/2	5,000	49
STH 1038B	Hex	10 X 3/8	10,000	43
STH 1012B	Hex	10 X 1/2	10,000	48
STH 1058B	Hex	10 X 5/8	8,000	42

### PAINTED HEAD

STH 638BW	Hex/White	6 X 3/8	15,000	31
STH 8916BW	Hex/White	8 X 9/16	10,000	33
STH 8114BAW	Hex/Arctic white	8 X 1-1/4	7,000	43
STH 8112BW	Hex/White	8 X 1-1/2	5,000	49
STH 102BW	Hex/White	10 X 2	2,000	24

### SOCKET PAN HEAD

Zinc Plated



Part No.	Head Style	Size	Case Qty.	Case Wt.
STP 638BW	Socket pan white	6 X 3/8	15,000	31
STP 658BW	Socket pan white	6 X 5/8	15,000	35
STP 658B	Socket pan	6 X 5/8	15,000	35
STP 8916B *	Socket pan	8 X 9/16	10,000	34
STP 834B	Socket pan	8 X 3/4	10,000	42
STP 81B	Socket pan	8 X 1	10,000	50
STP 8114B	Socket pan	8 X 1-1/4	7,000	43
STP 8112B	Socket pan	8 X 1-1/2	6,000	46

### PHILLIPS MODIFIED TRUSS HEAD

Zinc Plated



Part No.	Head Style	Size	Case Qty.	Case Wt.
SPW 8916B *	Phillips	8 X 9/16	10,000	30
SPW 834B	Phillips	8 X 3/4	10,000	49
SPW 81B	Phillips	8 X 1	8,000	45
SPW 8114B	Phillips	8 X 1-1/4	5,000	33
SPW 8112B	Phillips	8 X 1-1/2	4,000	31
SPW 82B	Phillips	8 X 2	2,000	25
SPW 8212B	Phillips	8 X 2-1/2	2,000	24
SPW 83B	Phillips	8 X 3	1,000	33

### PAINTED HEAD

SPW 8916BW	Phillips white	8 X 9/16	10,000	26
SPW 834BW	Phillips white	8 X 3/4	10,000	43
SPW 8114BW	Phillips white	8 X 1-1/4	5,000	32
SPW 82BW	Phillips white	8 X 2	2,000	25
SPW 8212BW	Phillips white	8 X 2-1/2	2,000	24
SPW 83BW	Phillips white	8 X 3	1,000	33
SPW 102BW	Phillips white	10 X 2	2,000	25

\* Available in Super Pak Jar

### SIDE LAP - HVAC SCREWS

#### HEX WASHER HEAD

Zinc Plated

- Attaches multiple layers of light gauge sheet metal
- Designed for connecting spiral duct sections



Part No.	Head Style	Size	Case Qty.	Case Wt.
UTH 812B	Hex	8 X 1/2	10,000	36
UTH 1034B	Hex	10 X 3/4	8,000	62

### BONDED EPDM SEALING WASHERS

3 Types to suit most applications



#### TYPE I

**Galvanized - Z 27 spec.** Normally used with zinc plated screws.

Part No.	Screw Size	Washer Dia.	Pkg Qty.	Case Qty.
SW 10	8-10	12	500	5,000
SW 1012	10-12	14	500	5,000
SW 14	14	16	500	5,000
SW 10B	8-10	12	—	22,000
SW 1012B	10-12	14	—	15,000
SW 14B	14	16	—	12,000
SW 1478B	14	22	—	5,000
SW 141B	14	25	—	5,000

#### TYPE II

**Mechanical galvanized - 1000 hours**

For superior corrosion protection. Recommended for use with RUSPRO® coated screws.

Part No.	Screw Size	Washer Dia.	Pkg Qty.	Case Qty.
CW 10	8-10	12	500	5,000
CW 1012	10-12	14	500	5,000
CW 14	14	16	500	5,000
CW 10B	8-10	12	—	22,000
CW 1012B	10-12	14	—	15,000
CW 14B	14	16	—	12,000

#### TYPE III

**Stainless Steel 18-8.**

For use with stainless steel screws.

Part No.	Screw Size	Washer Dia.	Pkg Qty.	Case Qty.
SW 10SS	8-10	12	500	5,000
SW 1012SS	10-12	14	500	5,000
SW 14SS	14	16	500	5,000
SW 10BSS	8-10	12	—	22,000
SW 1012BSS	10-12	14	—	15,000
SW 14BSS	14	16	—	12,000



## SUPER PAKS

# UCan

### WOOD TO METAL APPLICATIONS

#### SOCKET WAFER HEAD WITHOUT REAMER



Part No.	Size	Point	Drilling Capacity	Jar Qty.	Case Qty.	Case Wt.
TSW 1034K	10-24 X 3/4	3	.175/7 ga	500	6	18
TSW 101K	10-24 X 1	3	.175/7 ga	500	6	23
TSW 10114K	10-24 X 1-1/4	3	.175/7 ga	300	6	26

#### SOCKET WAFER HEAD REAMER SCREWS

TSW 10112RK	10-24 X 1-1/2	3	.175/7 ga	300	6	19
TSW 122RK	12-24 X 2	4	.312/5/16"	200	6	24
TSW 12212RK	12-24 X 2-1/2	4	.312/5/16"	150	6	23
TSW 123RK	12-24 X 3	4	.312/5/16"	100	6	24

### CB SCREWS



Part No.	Size	Point	Jar Qty.	Case Qty.	Case Wt.
CBT 114K	8 X 1-1/4	Self Drilling	500	6	19
CBT 158K	8 X 1-5/8	Self Drilling	500	6	23
CBS 114K	8 X 1-1/4	Self Drilling	500	6	18
CBS 158K	8 X 1-5/8	Spoon Point	500	6	23
CBS 214K	8 X 2-1/4	Spoon Point	250	6	16

### HEAVY GAUGE APPLICATIONS

#### HEX WASHER HEAD



Part No.	Size	Point	Drilling Capacity	Jar Qty.	Case Qty.	Case Wt.
TRH 1278K4	12-24 X 7/8	4	.312/ 5/16"	500	6	26
TRH 12114K5	12-24 X 1-1/4	5	.500/ 1/2"	500	6	37
TRH 12112K5	12-24 X 1-1/2	5	.500/ 1/2"	300	6	28
TRH 122K5	12-24 X 2	5	.500/ 1/2"	250	6	27

### STAINLESS STEEL

#### SOCKET PAN HEAD

410 Stainless Steel RUSPRO® Coated



Part No.	Size	Point	Drilling Capacity	Jar Qty.	Case Qty.	Case Wt.
TRP 812KSS	8-18 X 1/2	2	.100/12 ga	1,000	6	18
TRP 1034KSS	10-16 X 3/4	3	.175/7 ga	500	6	18

#### HEX WASHER HEAD

410 Stainless Steel RUSPRO® Coated



TRH 812KSS	8-18 X 1/2	2	.100/12 ga	1,000	6	18
TRH 1034KSS	10-16 X 3/4	3	.175/7 ga	500	6	19
TRH 121KSS	12-14 X 1	3	.210/5 ga	500	6	30
TRH 1434KSS	1/4-14 X 3/4	3	.220/4 ga	300	6	23
TRH 141KSS	1/4-14 X 1	3	.220/4 ga	300	6	26

#### PHILLIPS MODIFIED TRUSS HEAD

410 Stainless Steel RUSPRO® Coated



TRW 812KSS	8-18 X 1/2	2	.100/12 ga	1,000	6	28
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### LIGHT - MEDIUM APPLICATIONS

#### SOCKET PAN HEAD



Part No.	Size	Point	Drilling Capacity	Jar Qty.	Case Qty.	Case Wt.
TSP 612K	6-20 X 1/2	2	.090/13 ga	1000	6	13
TSP 812K	8-18 X 1/2	2	.100/12 ga	1000	6	20
TSP 858K	8-18 X 5/8	2	.100/12 ga	1000	6	23
TSP 834K	8-18 X 3/4	2	.100/12 ga	1000	6	26
TSP 81K	8-18 X 1	2	.100/12 ga	1000	6	32
TSP 8112K	8-18 X 1-1/2	2	.100/12 ga	500	6	22
TSP 1012K	10-16 X 1/2	2	.110/12 ga	1000	6	25
TSP 1058K	10-16 X 5/8	3	.175/7 ga	1000	6	31
TSP 1034K	10-16 X 3/4	3	.175/7 ga	500	6	18
TSP 101K	10-16 X 1	3	.175/7 ga	500	6	22
TSP 10114K	10-16 X 1-1/4	3	.175/7 ga	500	6	25
TSP 10112K	10-16 X 1-1/2	3	.175/7 ga	400	6	24

#### HEX WASHER HEAD



Part No.	Size	Point	Drilling Capacity	Jar Qty.	Case Qty.	Case Wt.
THW 812K	8-18 X 1/2	2	.100/12 ga	1000	6	21
THW 858K	8-18 X 5/8	2	.100/12 ga	1000	6	26
THW 834K	8-18 X 3/4	2	.100/12 ga	1000	6	26
THW 81K	8-18 X 1	2	.100/12 ga	800	6	26
THW 8112K	8-18 X 1-1/2	2	.100/12 ga	500	6	22
THW 1012K	10-16 X 1/2	2	.100/12 ga	1000	6	29
THW 1058K	10-16 X 5/8	3	.175/7 ga	1000	6	32
THW 1034K	10-16 X 3/4	3	.175/7 ga	500	6	19
THW 101K	10-16 X 1	3	.175/7 ga	500	6	22
THW 10114K	10-16 X 1-1/4	3	.175/7 ga	500	6	25
THW 10112K	10-16 X 1-1/2	3	.175/7 ga	300	6	19
THW 1234K	12-14 X 3/4	3	.210/5 ga	500	6	26
THW 121K	12-14 X 1	3	.210/5 ga	500	6	28
THW 12112K	12-14 X 1-1/2	3	.210/5 ga	300	6	23
THW 122K	12-14 X 2	3	.210/5 ga	250	6	14
THW 1434K	1/4-14 X 3/4	3	.220/4 ga	300	6	22
THW 141K	1/4-14 X 1	3	.220/4 ga	300	6	26
THW 14114K	1/4-14 X 1-1/4	3	.220/4 ga	300	6	30
THW 14112K	1/4-14 X 1-1/2	3	.220/4 ga	250	6	39

#### PHILLIPS MODIFIED TRUSS HEAD

Zinc Plated



Part No.	Size	Point	Drilling Capacity	Jar Qty.	Case Qty.	Case Wt.
TPW 812K	8-18 X 1/2	2	.100/12 ga	1,000	6	28

### SHARP POINT SCREWS



Part No.	Head Style	Size	Jar Qty.	Case Qty.	Case Wt.
STH 8916K	IHWH	8 X 9/16	1,000	6	21
STP 8916K	soc.pan	8 X 9/16	1,000	6	22

#### PHILLIPS MODIFIED TRUSS HEAD SHARP POINT

Zinc Plated



SPW 8916K		8 X 9/16	1,000	6	23
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### SCREWDRIVER INSERT BITS



#### PHILLIPS BITS

Part No.	Description	Standard Pack
PB11	No. 1 X 1 Phillips bit	25
PB21	No. 2 X 1 Phillips bit	25
PB31	No. 3 X 1 Phillips bit	25
PB12	No. 1 X 2 Phillips bit	25
PB22	No. 2 X 2 Phillips bit	25
PB32	No. 3 X 2 Phillips bit	25
PB13	No. 1 X 3 Phillips bit	25
PB23	No. 2 X 3 Phillips bit	25
PB33	No. 3 X 3 Phillips bit	25
PB14	No. 1 X 4 Phillips bit	25
PB24	No. 2 X 4 Phillips bit	25
PB34	No. 3 X 4 Phillips bit	25
PB16	No. 1 X 6 Phillips bit	1
PB26	No. 2 X 6 Phillips bit	1
PB36	No. 3 X 6 Phillips bit	1

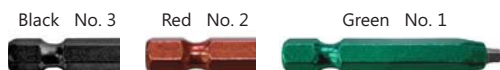
#### DRYWALL BITS - REDUCED SHANK



PR21	No. 2 X 1 Phillips bit - Reduced shank	25
PR22	No. 2 X 2 Phillips bit - Reduced shank	25

#### SQUARE RECESS BITS - 2 PIECE HEX SHANK

- Colour coded



RS11	No. 1 X 1 Square recess bit	25
RS21	No. 2 X 1 Square recess bit	25
RS31	No. 3 X 1 Square recess bit	25
RS12	No. 1 X 2 Square recess bit	25
RS22	No. 2 X 2 Square recess bit	25
RS32	No. 3 X 2 Square recess bit	25
RS13	No. 1 X 3 Square recess bit	25
RS23	No. 2 X 3 Square recess bit	25
RS33	No. 3 X 3 Square recess bit	25
RS14	No. 1 X 4 Square recess bit	25
RS24	No. 2 X 4 Square recess bit	25
RS34	No. 3 X 4 Square recess bit	25
RS16	No. 1 X 6 Square recess bit	1
RS26	No. 2 X 6 Square recess bit	1
RS36	No. 3 X 6 Square recess bit	1

#### SQUARE RECESS BITS - ONE PIECE ROUND SHANK



RB01	No. 0 X 1 Square recess bit	25
RB21	No. 2 X 1 Square recess bit	25
RB31	No. 3 X 1 Square recess bit	25
RB02	No. 0 X 2 Square recess bit	25
RB12	No. 1 X 2 Square recess bit	25
RB22	No. 2 X 2 Square recess bit	25
RB32	No. 3 X 2 Square recess bit	25
RB13	No. 1 X 3 Square recess bit	25
RB23	No. 2 X 3 Square recess bit	25
RB33	No. 3 X 3 Square recess bit	25
RB24	No. 2 X 4 Square recess bit	25
RB34	No. 3 X 4 Square recess bit	25
RB16	No. 1 X 6 Square recess bit	1
RB26	No. 2 X 6 Square recess bit	1
RB36	No. 3 X 6 Square recess bit	1

#### SLOTTED BITS



SL22	7/32 X 2 Slotted bit	1
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### SPRING NUT SETTERS

- Ideal for Stainless Steel fasteners
- Prevents build up of steel shards



Part No.	Description	Standard Pack
SNS 14	1/4 X 2-1/2 Spring nut setter	10
SNS 516	5/16 X 2-1/2 Spring nut setter	10
SNS 38	3/8 X 2-1/2 Spring nut setter	10

### MAGNETIC NUT SETTERS



#### MAGNETIC NUT SETTERS - SHORT

Part No.	Description	Standard Pack
MNS 14S	1/4 X 1-11/16 Mag nut setter	10
MNS 516S	5/16 X 1-11/16 Mag nut setter	10
MNS 38S	3/8 X 1-3/4 Mag nut setter	10
MNS 716S	7/16 X 1-3/4 Mag nut setter	10
MNS 14	1/4 X 2-1/2 Mag nut setter	10
MNS 516	5/16 X 2-1/2 Mag nut setter	10
MNS 38	3/8 X 2-1/2 Mag nut setter	10
MNS 716	7/16 X 2-1/2 Mag nut setter	10
MNS 12	1/2 X 2-1/2 Mag nut setter	10

#### MAGNETIC NUT SETTERS - LONG



Part No.	Description
MNS 14L	1/4 X 6 Mag nut setter
MNS 516L	5/16 X 6 Mag nut setter
MNS 38L	3/8 X 6 Mag nut setter
MNS 14XL	1/4 X 12 Mag nut setter
MNS 516XL	5/16 X 12 Mag nut setter
MNS 38XL	3/8 X 12 Mag nut setter

### INSERT BIT HOLDERS

#### MAGNETIC BIT HOLDERS

Stainless Steel



Part No.	Description	Standard Pack
MBH 3	1/4 X 3 Magnetic bit holder bit	10

#### QUICK CHANGE BIT HOLDER



Part No.	Description
MBH 25Q	1/4 X 2-1/2 Quick change magnetic bit holder

## TROUBLESHOOTING

### **DIFFICULT TO START DRILLING - SCREW SKATES ACROSS METAL SURFACE**

- Wrong screw point
- Material being drilled is too hard

### **SCREWS DRILL BUT DO NOT THREAD**

- Drill point does not match material thickness

### **HEADS BREAK OFF DURING DRILLING OR AFTER VIBRATION APPLIED TO FIXTURE**

- Screw is over torqued during installation
- Depth locator on screwdriver incorrectly set

### **SCREW POINT BURNS**

- RPM –too high or too low- being used
- Incorrect pressure being applied to tool

### **DRILL POINT MELTING OR BREAKAGE. FASTENER SHANK BREAKAGE**

- Air space or gap, including insulation, drywall or wood, between joining metals causing the fastener to drill and thread at the same time. This phenomenon is commonly referred to as "Jacking".
- Excessive pressure being applied to tool

### **SCREW THREADS STRIPPING IN STEEL**

- Material being drilled is too thin

### **SEALING WASHERS SQUASHING**

- Screw is being over torqued
- Depth locator on screwdriver incorrectly set

## QUALITY CONTROL

A strict, multi stage, quality control program ensures that UCAN U-DRILLS® exhibit outstanding and consistent performance. Standout features include:

- ◆ Firm engagement in driver tip or nut setter
- ◆ Minimal wobble
- ◆ Fast drilling
- ◆ Reliable clamping even in difficult applications such as fastening layers of thin, 20 gauge, sheet metal
- ◆ Exceptional drilling capacity up to ¾" thick steel

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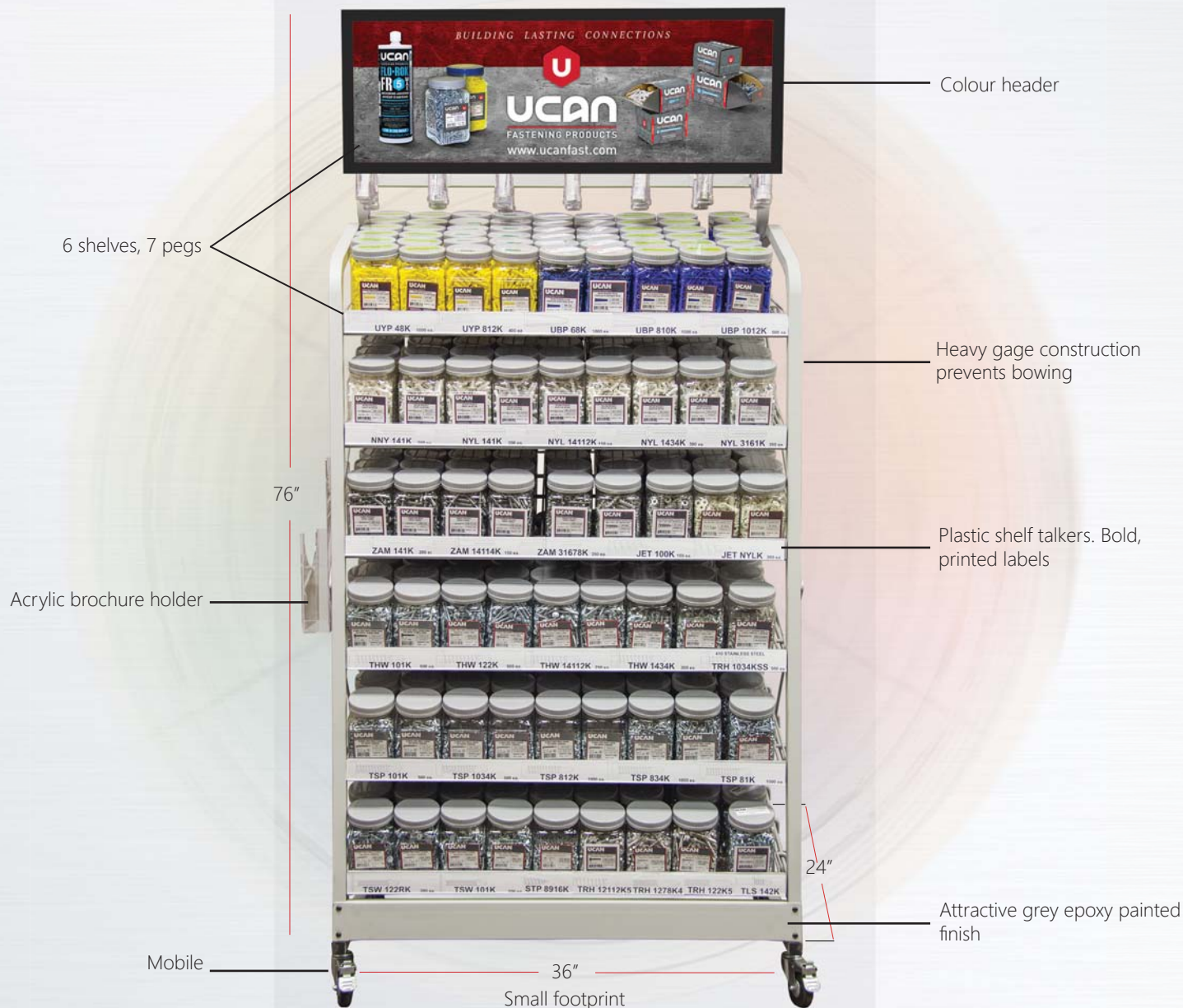
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## FREE DISPLAY RACK WITH PURCHASE OF ANY AVAILABLE BUNDLE\*



### FEATURES:

- Perfect addition to showroom especially positioned in a high traffic area such as the pick up counter
- Generates walk-in sales
- Space saver - small 24 x 36" footprint, yet holds up to 354 SUPER PAKS
- Spotlights many popular fasteners
- Attractive - Eye catching colour header. Tough, epoxy painted grey finish.
- Plastic shelf talkers. Bold, printed item labels
- Includes 6 shelves for anchors and 7 pegs to showcase drill bits
- Display rack supplied free of charge with the purchase of 1 available bundles - a \$925.00 value! Enquire with our sales department.



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