

Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume XVI Issue X

October 2015

Sawdust Sentinel

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By Bob Hewlitt

Presidents corner



Today's wood screw technology by Sandor Nagyszalanczy.

The August issue of Woodworker's Journal had a excellent article on new wood screws written by someone with a long last name which you can't pronounce.

There are many new advancements in wood screw design and materials that are tremendous improvements over the old slotted head or Philips heat screws. We suffered for years with the flat screw drivers coming out of the slot and deforming the slot or the Philips screw driver twisting out of the pocket and deforming the head.

New heads and driver design have eliminated this problem. There are four new driver types,

1. Outlaw or hex drive.
2. Pozisquare or hybrid combination.
3. torx
4. Robertson.

The Outlaw is a three tiered hexagonal head recess which offers 18 points of contact to eliminate cam out or twist out. It can also be used with a regular hex driver. I found the pocket for a regular hex is real shallow and will twist out.

The Pozisquare driver is a hybrid combination of the no. 2 square Robertson driver and a no. 2 Philips driver. The special driver is included with each box of screws. I have never had one of these twist out. I don't use these much because of the special different driver.

The Torx is a six point star shape with a deep pocket in the head that allows the screw to stick on the driver for a one handed installation which is very handy. I have seen contractors use this type with success. The only problem is the driver tip breaks off quite

often. During our kitchen remodeling there was dozens of tips laying around at the end of each day. There are 24 sizes of Torx drivers from T1 to T100.

T15, T20, and T25 cover most woodscrews.

The Robertson is a square drive invented in Canada. It too has a deep pocket that allows one handed installation. I use this type all the time and they do not twist or cam out. The screw will twist off before the driver fails. Kreg screws use this type and are excellent for woodworkers. There are six sizes of Robertson drivers but drivers from #1 to #3 are used for woodscrews from size 3 to size 14.

The Torx and the Robertson have two qualities that make them superior.

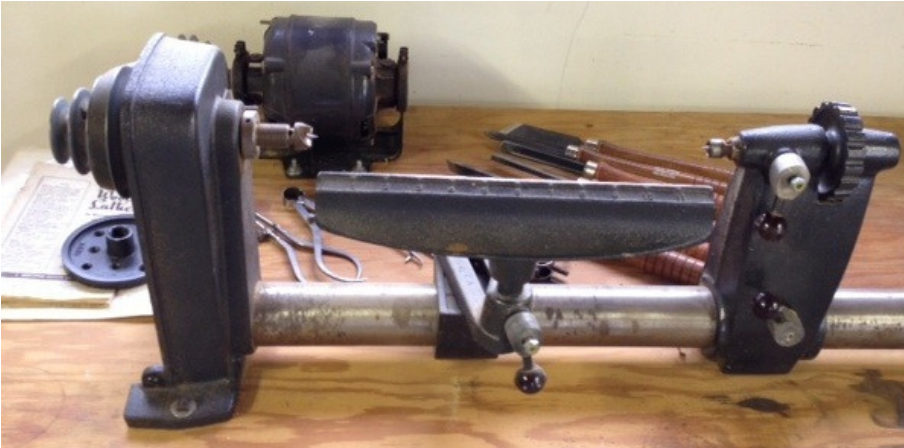
#1 They both have the stick fit property that allows one handed installation. The screw will stick on the driver.

#2 They both have near vertical sidewalls on the pockets which greatly reduces the downward force required to drive the screw. This further eases the one handed installation feature. I have eliminated all Philips and flat slot driver type screws from my shop. They just fail too often. I only use the Robertson type.

There are also many improvements in the steel used for screws for less breakage. The other improvements are in self tapping features and thread types for reduced loosening. Many different materials and coatings are also available for reduced corrosion.

Bob

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For Sale
Dayton Blower: Grainger Model #3c539A
GE. 5h.p. motor /230v.
12 1/4" squirrel cage fan
Details contact:
Dave Dreyer at 319-240-8058
Email: daved@wilsonsr.com

Contact Jeff at e-mail address below
All reasonable offers considered
jeffnholly@iowatelecom.net>

The Oak Bulletin Board

CVWA's next Club meeting will be October 13, 2015 at 6:30PM at the Waterloo Center for the Arts 220 Commercial ST in the town hall room

The next Executive Board meeting will be Tuesday October 20, 2015 at 7:00 PM at Dave Turners home 430 Prospect Waterloo

Corridor Wood turners meeting Thursday October 15, 2015. Leisure Living Construction 2700 Stonegate CT Hiawatha, Iowa

Members

It is not too early to start thinking about making toys for the **Salvation Army** to distribute at **Christmas**

Picnic thank you

I'd like to thank Reed Craft, Marty Chin and Bob Hewlitt for opening their shops for the shop tours this year. Feedback was very positive for holding the picnic before the tours, so we will do it that way next year. Thanks to everyone who participated.

Dennis Gilroy

Events Chairman

CVWA Meeting minutes Sept 13, 2015

The annual picnic was held at Exchange park in Waterloo.

President Bob Hewlett called the meeting to order

Jerry Krug offered a prayer.

The meal was great and always abundant. Special thanks to Dennis and Sarah Gilroy for organizing the picnic and for making the sloppy joes. Thank you to everyone for the variety of side dishes.

Drawings were won as follows:

Bob Anderson, clamps.

Jim Waring, tape measure.

Robert Gruver, tape measure.

Dick Buchanan, Kevin Gade, Robert Gruver, Duane Huisman, and Ken Walleser, won left over sloppy joes and buns.

Thank you to Reid Craft, Martin Chin, and Bob Hewlett for opening their shops for tours.

**Respectfully submitted,
Mark Jansen, Secretary**

**Cedar Valley Woodworkers Executive
Board Minutes
Sept. 20, 2015**

Members Present: Bob Hewlitt, Denny Gilroy, Gene Knief, Wanda Bailey, Dave Turner, Reid Craft, Jim Wikle and Mark Jansen

Meeting called to order by President Bob Hewlitt

Treasurer's Report is to be e-mailed to the e-board this weekend.

Comments of last meeting -

The picnic and tours were enjoyed by all. Everyone agreed that having the picnic before the tours worked much better than in years past.

More comments from the August meeting-

Larry Gnewikow was very hard to hear.

Dave suggested that the club purchase a laser pointer for these types of presentations. Gene will make the purchase.

Anyone wanting to purchase materials from the Amana arborist may call 319-622-7554.

Dave will send a thank you to Larry for his presentation.

New business -

Mary Harris has a lot of hardwood to give to the club. Reid and Dave are going to further investigate.

In order to speed up the raffle at the Christmas party, Members are asked to be more attentive to the numbers being called. Numbers will be called much faster than previous.

Future events and speakers -

October - Garylee Thurm - Scroll Saw

November - Steve Russell - Carving

Dec. 9 -Christmas dinner.

Jan- Sandy Benak, State Farm agent.

News letter deadline to be Sept.28

Motion made to adjourn.

Respectfully submitted,

Mark Jansen, Secretary

Cedar Valley Woodworkers Treasurers Report September 22, 2015

Beginning Balance	1558.64
Income: Raffle	46.00
Expenses:	
#2562 Dennis Gilroy-picnic	145.25
#2563 Gene Knief-tool	23.53
2564	
State Auto-Liability Ins	<u>351.00</u>
	519.78
Ending Balance	1084.86



Upcoming Expenses	
Christmas-Dec	499.00+Tool Fund
Grand Prize	100.00

Respectfully Submitted

Paul Bailey

Treasurer



Cattle Congress Pictures



Picnic & shop tours



List of Mentors for Club Members. I believe the mentor's time is free, but the person being mentored is expected to cover any material costs.

Canoe/Kayak construction, Chip Schmidt, 277-8504, cschmidt@cfu.net

Detailed Toys, Bob Anderson, 239-7763, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 277-0692, hankannam@gmail.com

Has the Ability to figure MOST problems out—Dick Buchanan, 277-2477, rbuchanan@cfu.net

Fretwork, Garylee Thurm, 279-3219, flytying4u@hotmail.com

Wood Carving, Sid Sidler, 233-1396, sidsstudio@aol.com

Furniture and Cabinet Building, Jerry Krug, 475-2391, jandjkrug@gmail.com

Equipment Maintenance and Repair, Bob Colby, 319-268-0883

Classes and Services for Pay by Fellow Club Members

Sharpening Stone Sales Gary Lee Thurm 319-231-4577

Larry Miller 319-239-4059 Sharpening Service

Carl Leavell 319-233-4491 Sharpening Service

NEW PATTERN TEMPLATE LIBRARY

Your executive board has developed a new loaner program that might be of interest to each of you. Though the contribution of several different individuals the following full size templates are available for check-out by club members:

Nativity sets: Rocking horse: Two different doll cradles
 Mission Wall Clock #49586. Size-21 1/8" H X 14 1/2" W X 6 1/4" D
 Mission Mantel Clock #49584. Size 16 5/8" H X 12 3/4" H X 5 3/4" D
 Mirrored Mantel Clock #49606. Size 16" H X 10" W X 7" D
 Atkins Mantel Clock #49643. Size 34" H X 12" W X 6 7/8" D
 Carrington Mantel Clock # 49673. Size 12 1/4" H X 9 1/2" W X 5" D
 Bedford II Mantel Clock #49004. Size 10 1/2" H X 18" W X 7 3/8" D
 Key Cabinet Wall Clock # 49028. Size 14 1/2" H X 10" W X 4 1/2" D
 Dearborn Regulator Wall Clock #49604. Size 18 1/8" H X 11 3/8" W X 4 1/2" D
 Mirror & Coat Rack #49199. Size 48 3/4" H X 26 1/4" W X 8" D
 Colonial Desk #435. 48" Wide- 8 drawers
 Assorted Bird Houses

Should any of you have a pattern template set that your willing to share, call a board member

Please remember to patronize our Sponsors!

** Member ID required for discounts



Woodsmith Store**

10320 Hickman Road

Clive, IA 50235

515-254-9494 or

1-800-835-5084



****501 West 1st Avenue**

Durant, Iowa 52747-9729

800-344-6657



10% Club Discount

www.hartvilletool.com

Pittsburgh Paints

528 West 5th St.

Waterloo, IA 50701

319-234-1739

Acme Tools **
1943 Blair's Ferry Rd.

Cedar Rapids, Ia.

319-363-2211

Sherwin Willams
5212 University Ave,
Cedar Falls

Offers club members a
Scheduled discount

319-277-1034

Officers and Committee Members

Elected Committee Members

President

Bob Hewlitt

1st Vice President

Gene Knief

2nd Vice President

Secretary

Mark Jansen

Treasurer

Paul Bailey

Appointed Committee Members

Committee Members

Reed Craft

Committee Member

Committee Member

Committee Member

Committee Member

Club photographer

Refreshment Chairman

Newsletter

Terry Duckworth

Dennis Gilroy

Dan Grimes

Dave Turner

Wanda Bailey

Barb Gurney

Jim Wikle