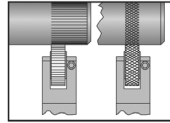


# KNURLING TOOLS

B

## SWFKT - Single Wheel Fixed Knurling Tool For Manual or CNC Lathes

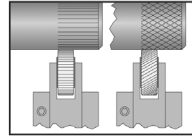
Precision square shank with preset center height. Single knurl wheel for straight and diamond pattern. Knurl wheel is mounted between the thrust washers to ensure smooth and even rotation of the knurl while knurling is performed. Best used for straight patterns or bump knurling a diamond pattern.



Center Height	Shank Size	Desc.	Part Number	Price Each	Knurl Wheel	Knurl Pin Set	Part Number
0.500	.500x.500	SWFKT-50-D	DN21730	\$90.67	DS-30-C	KPS-18-50	DN28805
0.750	.750x.750	SWFKT-75-M	DN21740	\$115.86	MS-25-C	KPS-31-75	DN28840
1.000	1.00x1.00	SWFKT-100-O	DN21750	\$128.46	OS-25-C	KPS-31-100	DN28845

## SCK - Self-Centering Knurling Tool For CNC Lathes

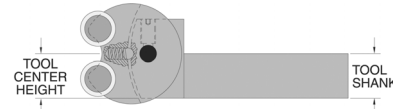
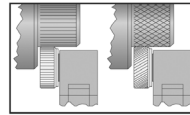
Precision square shank with preset center height. Twin knurl wheels for straight and diamond pattern. Knurl wheels are mounted between the thrust washers to ensure a smooth and even rotation of the knurls while knurling is performed. Self-centering knurling head for a precise alignment to the working part.



Center Height	Shank Size	Desc.	Part Number	Price Each	Knurl Wheel	Knurl Pin Set	Part Number
0.750	.750 x 1.25	SCK-75-M	DN22121	\$295.94	MDR/L-25-C	KPS-31-75	DN28840
1.000	1.00 x 1.25	SCK-100-M	DN22131	\$333.73			

## SSCK - Shoulder Self-Centering Knurling Tool For CNC Lathes

Designed to knurl against a square shoulder. Precision square shank with preset center height. Twin knurl wheels for straight and diamond pattern. Knurl wheels are mounted between thrust washers to ensure smooth and even rotation of the knurls while knurling is performed. Supplied with Cobalt TIC/N coated SW series knurl wheels. Self-centering knurling head for a precise alignment to the working part.



Center Height	Shank Size	Desc.	Part Number	Price Each	Knurl Wheel	Knurl Pin Set	Part Number
0.500	.500 x .625	SSCK-50-2	DN22220	\$358.91	SW2-S/R/L	SW2.0P-2S	DN29055
0.750	.750 x .750	SSCK-75-4	DN22240	\$434.47			
1.000	1.00 x 1.00	SSCK-100-4	DN22250	\$434.47	SW4-S/R/L	SW4.0P-2S	DN29085

## CUTTING CNC-000-1-2

Small cutting range: 5/16" to 1-1/2"

- Minimum stress on the machine, and faster knurl forming action.
- Twin straight SW series knurl wheels for diamond pattern. Allows tool to knurl close to a square shoulder.
- Supplied with SW2S-30C cobalt knurl wheels-Tin-c coated. Adds longer life and better performance to the knurl wheels.



Description	Shank Size	Tool Length	Part Number	Price Each
SCNC-37-1-2	0.375	4.125	DN20010	\$528.91
SCNC-50-1-2	0.5	4.375	DN20020	\$579.29
SCNC-162-1-2	0.625	4.375	DN20025	\$623.36
CNC-75-1-2	0.75	5.5	DN20410	\$748.05
CNC-100-1-2	1	6.75	DN20420	\$817.30
CNC-125-1-2	1.25	7.25	DN20430	\$868.94

## CUTTING CNC-000-2-R

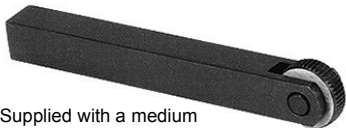
Heavy duty cutting range: 1" to 5"

- Minimum stress on the machine, and faster than knurl forming action.
- Twin straight R series knurl wheels for diamond pattern. Supplies more rigidity for larger diameters
- Knurl wheels are mounted between thrust washers. Ensures smooth and even rotation of the knurls.
- Supplied with RS-25-C cobalt knurl wheels - Tin-c coated. Adds longer life and better performance to the knurl wheels.



Description	Shank Size	Tool Length	Part Number	Price Each
CNC-75-2-R	0.75	5.5	DN20510	\$879.02
CNC-100-2-R	1	6.75	DN20520	\$931.90
CNC-125-2-R	1.25	7.25	DN20530	\$994.87

## SINGLE KNURLING TOOL



- Supplied with a medium cut HSS knurl
- Holder: 4" length x 5/8" sq shank
- Straight (AA) pattern knurl
- Black oxide finish
- Knurl size is 3/4 X 1/4 X 1/4"

Single Knurling Tool

Part # A-2220-0004

\$15.00 ea

## PIVOT HEAD KNURLING TOOL



- Self-adjusting pivot head
- Holder: 4" length x 1/2" sq shank
- Knurl size: 3/4 x 3/8 x 1/4"
- Produces a medium diamond pattern

Pivot Head  
Knurling Tool

Part # A-2220-0005

\$22.50 ea

## HSS KNURLING WHEELS



- HSS
- 3/4" OD x 3/8" W x 1/4" hole
- Sold in pairs



Pitch	Lines / Inch	STRAIGHT PATTERN	DIAMOND PATTERN	Pair Price
Coarse	14	A-2220-0214	A-2220-0014	\$10.00
Medium	21	A-2220-0216	A-2220-0016	\$10.00
Fine	33	A-2220-0218	A-2220-0018	\$10.00

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417

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CUTTING TOOLS  
MACHINERY

PRECISION TOOLS  
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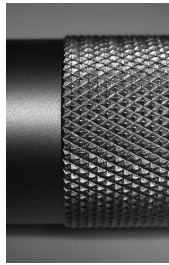
COOLANT/FLUIDS  
TOOL STORAGE

# KNURLING WHEELS



## CIRCULAR PITCH KNURLS

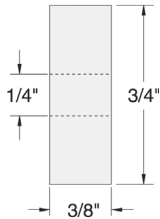
Made to extremely high standards from the finest materials available. Knurls are individually hob cut and lapped to a smooth hard finish to give longer life and impart a smooth clean surface to the knurled part. Knurls available in High Speed, Cobalt, TIC/N - Coated, beveled, and diametral pitch.



Straight Diagonal Left Diagonal Right

### "A" Series

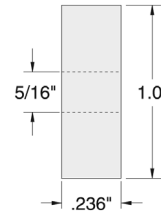
High Speed Steel



PATTERN						
TPI	Incl. Tooth Angle	Straight	Diagonal Right	Diagonal Left		
10	90°	DN23502	DN23634	DN23766		
12	90°	DN23504	DN23636	DN23768		
14	90°	DN23506	DN23638	DN23770		
16	90°	DN23508	DN23640	DN23772		
20	90°	DN23510	DN23642	DN23774		
25	90°	DN23512	DN23644	DN23776		
30	90°	DN23514	DN23646	DN23778		
35	90°	DN23516	DN23648	DN23780		
40	90°	DN23518	DN23650	DN23782		
50	70°	DN23520	DN23652	DN23784		
80	70°	DN23522	DN23654	DN23786		
Price Each		\$21.95	\$21.95	\$21.95		

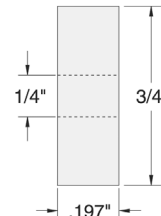
### "M" Series

Cobalt



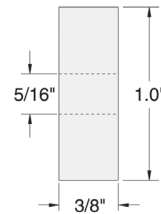
### "R" Series

Cobalt



### "O" Series

High Speed Steel



PATTERN						
TPI	Incl. Tooth Angle	Straight	Diagonal Right	Diagonal Left		
12	90°	DN25306	DN25372	DN25438		
14	90°	DN25308	DN25374	DN25440		
16	90°	DN25310	DN25376	DN25442		
20	90°	DN25312	DN25378	DN25444		
25	90°	DN25314	DN25380	DN25446		
30	90°	DN25316	DN25382	DN25448		
Price Each		\$44.87	\$44.87	\$44.87		

PATTERN						
TPI	Incl. Tooth Angle	Straight	Diagonal Right	Diagonal Left		
10	90°	DN26502	DN26564	DN26626		
12	90°	DN26504	DN26566	DN26628		
14	90°	DN26506	DN26568	DN26630		
16	90°	DN26508	DN26570	DN26632		
20	90°	DN26510	DN26572	DN26634		
25	90°	DN26512	DN26574	DN26636		
30	90°	DN26514	DN26576	DN26638		
35	90°	DN26516	DN26578	DN26640		
40	90°	DN26518	DN26580	DN26642		
50	70°	DN26520	DN26582	DN26644		
Price Each		\$31.76	\$31.76	\$31.76		

PATTERN						
TPI	Incl. Tooth Angle	Straight	Male Diamond	Female Diamond		
12	90°	DN25606	—	—		
14	90°	DN25608	—	—		
16	90°	DN25610	—	—		
20	90°	DN25612	DN26008	DN26074		
25	90°	DN25614	DN26010	DN26076		
30	90°	DN25616	DN26012	DN26078		
Price Each		\$32.26	\$46.27	\$46.27		

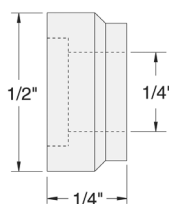
## "SW" SERIES KNURLING WHEELS



- "SW" knurling wheels are technically designed to knurl against a square shoulder.
- With super precise workmanship, the wheels are made of heat treated High Cobalt Steel to withstand severe knurling operation.
- Knurl wheels are Titanium Nitriding coated to reduce the co-efficient of friction when knurling, increasing the quality and the force of knurling as well as the life of the knurl wheels.
- All SW Series knurl wheels are available only in cobalt and tin coated.

### "SW2" Series

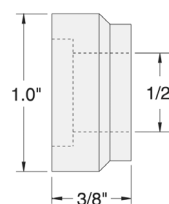
Cobalt



PATTERN						
TPI	Incl. Tooth Angle	Straight	Diagonal Right	Diagonal Left		
16	90°	DN27402	DN27452	DN27502		
20	90°	DN27404	DN27454	DN27504		
25	90°	DN27406	DN27456	DN27506		
30	90°	DN27408	DN27458	DN27508		
35	90°	DN27410	DN27460	DN27510		
40	90°	DN27412	DN27462	DN27512		
50	70°	DN27414	DN27464	DN27514		
Price Each		\$45.26	\$45.26	\$45.26		

### "SW4" Series

Cobalt



PATTERN						
TPI	Incl. Tooth Angle	Straight	Diagonal Right	Diagonal Left		
14	90°	DN28002	DN28056	DN28110		
16	90°	DN28004	DN28058	DN28112		
20	90°	DN28006	DN28060	DN28114		
25	90°	DN28008	DN28062	DN28116		
30	90°	DN28010	DN28064	DN28118		
35	90°	DN28012	DN28066	DN28120		
40	90°	DN28014	DN28068	DN28122		
50	70°	DN28016	DN28070	DN28124		
Price Each		\$57.56	\$57.56	\$57.56		

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