

Cutting Tools & Accessories List

END MILLS (SHORT) 3FL-1/4" SHANK

P/N	MILL DIAMETER	LENGTH CUT	OVERALL LENGTH
7001	1/16"	3/32"	1-1/64"
7002	3/32	5/32	1-1/64
30820	1/8	3/16	1-3/32
7004	5/32	1/4	1-9/32
30830	3/16	9/32	1-11/32
7006	7/32	5/16	1-13/32
30810	1/4	3/8	1-13/32

END MILLS (LONG) 3FL-1/4" SHANK

P/N	MILL DIAMETER	LENGTH CUT	OVERALL LENGTH
7100	1/16	5/32	1-3/32
7101	5/64	7/32	1-3/16
7102	3/32	1/4	1-1/4
7103	7/64	9/32	1-9/32
7104	1/8	5/16	1-11/32
7105	9/64	11/32	1-7/16
7106	5/32	3/8	1-17/32
7107	11/64	13/32	1-19/32
7108	3/16	7/16	1-21/32
7109	13/64	15/32	1-11/16
7110	15/64	9/16	1-13/16
7111	1/4	5/8	1-3/4

END MILLS (BALL NOSE) 3FL-1/4" SHANK

P/N	MILL DIAMETER	LENGTH CUT	OVERALL LENGTH
7200	1/16	1/8	1-1/4
7201	3/32	3/16	1-3/8
7204	5/32	3/8	1-17/32
7205	3/16	7/16	1-21/32
7206	7/32	1/2	1-3/4
7207	1/4	5/8	1-3/4

END MILLS (DBL END) 3/8" SHANK-2 FL

P/N	MILL DIAMETER	LENGTH CUT	OVERALL LENGTH
7402	1/8	3/8	3-1/16
7403	3/16	7/16	3-1/8
7404	1/4	1/2	3-1/8
7405	5/16	9/16	3-1/8
7406	3/8	9/16	3-1/8

END MILLS (DBL END) 3/8" SHANK-4FL

P/N	MILL DIAMETER	LENGTH CUT	OVERALL LENGTH
7410	1/8	3/8	3-1/16
7411	3/16	1/2	3-1/4
7412	1/4	5/8	3-3/8
7413	5/16	3/4	3-1/2
7414	3/8	3/4	3-1/2

END MILLS (SGL END) 3/8" SHANK

P/N	CUTTER DIAMETER	CUTTER LENGTH	OVERALL LENGTH	NO. FLUTES
7430	1/2	1	2-1/2	2
7431	1/2	1	2-1/2	4

3/8" END MILL SETS-3/8" SHANK, 2 or 4 Flute

P/N	DESCRIPTION
7400	6-piece set with wood block, 2 Flute
7401	6-piece set with wood block, 4 Flute

SIZES: 1/8, 5/32, 3/16, 1/4, 5/16, 3/8

DOVETAIL CUTTERS-3/8" SHANK

P/N	DIAMETER	OVERALL	ANGLE
7420	1/2	2-1/8	45°
7421	1/2	2-1/8	60°

CENTER DRILLS-60 DEGREE

P/N	NO.	TIP DIAMETER	SHANK DIAMETER
30280	000	.020	1/8
30290	00	.025	1/8
30300	0	.031	1/8
30240	1	.046	1/8
30260	2	.078	3/16
30270	3	.109	1/4

COUNTERSINKS-SGL FLUTE-82° ANGLE

P/N	DIAMETER	SHANK DIAMETER	OVERALL LENGTH
7415	3/16	3/16	1-1/2
7416	1/4	1/4	2
7417	5/16	1/4	2
7418	3/8	1/4	2

SLITTING SAWS-1/2" HOLE

P/N	THICKNESS	OD/# TEETH
7301	.010"	2"-140 T
7302	.023"	2"-152 T
7303	.032"	2"-110 T
7304	.051"	2"-110 T
7305	.014"	2"-152 T
7306	.016"	2"-110 T
7307	.045"	2"-110 T
7308	.025"	2"-152 T
7309	.057"	2"-110 T

STRAIGHT TOOTH KNURLS USE W/ 3004

P/N	TOOTH ANGLE	TPI/#TEETH	QTY.
3612	90°	16 TPI/25 T	PR
3613	90°	20 TPI/31 T	PR
3614	90°	25 TPI/38 T	PR
3615	90°	30 TPI/47 T	PR
3616	90°	32 TPI/49 T	PR
3617	90°	35 TPI/55 T	PR
3618	90°	40 TPI/63 T	PR
3619	90°	41 TPI/65 T	PR
3620	90°	47 TPI/73 T	PR
3621	70°	35 TPI/55 T	PR
3622	70°	50 TPI/79 T	PR
3623	70°	53 TPI/83 T	PR
3624	70°	60 TPI/94 T	PR
3625	70°	60 TPI/109 T	PR
3626	70°	80 TPI/125 T	PR

30° SPIRAL KNURLS USE W/ 3004

P/N	TOOTH ANGLE	TPI/#TEETH	QTY.
3605	90°	20 TPI/27 T	PR**
3606*	90°	25 TPI/34 T	PR**
3607	90°	30 TPI/40 T	PR**
3608	90°	35 TPI/47 T	PR**
3609	90°	40 TPI/55 T	PR**
3610	70°	50 TPI/68 T	PR**
3611	70°	80 TPI/107 T	PR**

* Included as standard with 3004 tool.

** Pair includes one left-hand and one right-hand knurl used together to make a diamond pattern.

3/8" END MILL SETS-3/8" SHANK, 2 or 4 Flute

P/N	MATERIAL/DESCRIPTION
11920	CARBIDE TIP, RIGHT HAND
11930	CARBIDE TIP, LEFT HAND
11940	CARBIDE TIP, 60° w/ sharp point
11941	CARBIDE TIP, 60° w/ 1/64" nose radius (Provides better finish for profiling)
11950	HSS, RIGHT HAND
11960	HSS, LEFT HAND
11970	HSS, BORING
11975	HSS, VERTICAL SHEER BIT
1200	INTERNAL THREADING TOOL (RH), HSS
12001	INTERNAL THREADING TOOL (LH), HSS (3/8" Min. hole required for 1200 and 12001)
3005B	HSS, BLANKS, Set of 5

3/8" ROUND SHANK TOOLS

P/N	DESCRIPTION
3061	BORING TOOL*, USE W/ 3054 or 7600 (1/4" Min. Hole)
3063	BORING TOOL*, USE W/ 3054 or 7600 (5/16" Minimum Hole x 1" long)
3064	BORING TOOL*, USE W/ 3054 or 7600 (5/16" Minimum Hole x 1.5" long)

* Note: These 3/8" round shank tools can be used on the mill in the P/N 3054 boring head or on the lathe in the P/N 7600 tool post.

ANGLE PLATES

P/N	DESCRIPTION
7500	3" x 2-1/2" x 2" Slotted

OTHER PRODUCTS

P/N	DESCRIPTION
11671	2.75 x 40 tap for WW collet thread
30860	CUT OFF BLADE (.040 Thick)
7560	NIKX STIKX Metal Cutting Compound, 2.2 oz

Orders OVER \$50.00 will receive a 20% discount. (Not subject to additional discounts.) These items are factory direct only and cannot be purchased through a SHERLINE distributor.

20% discount applies to items of \$50.00 on this sheet only except for carbide insert tools below and is not applicable for accessory or machine orders.

INSERTS

P/N	DESCRIPTION
7605	Carbide Insert for 55° Holders (2 Cutting Edges)
7605B	Carbide Inserts for 55° Holders (2 Cutting Edges—Bulk pkg. of 10)
7608	Carbide Insert for 80° Holders (2 Cutting Edges)
7608B	Carbide Insert for 80° Holders (2 Cutting Edges—Bulk pkg. of 10)
7609	Diamond Insert (4 Cutting Edges) (Fits obsolete Valenite 7619 holder)
7611	55° Diamond tipped insert (Fits standard 55° carbide insert holders)
22659	Ceramic 3-sided insert for 2265 holder
22675	60° threading insert for 2267 holder
2269	.031" grooving insert for 2267 holder
2270	.062" grooving insert for 2267 holder
	(See Lathe Accessories List for carbide and ceramic tool holders.)

For other accessories see:

- Chucks and Collets Parts List
- Mill Accessories Parts List (Includes Videos and Books)
- Lathe Accessories Parts List
- Replacement Parts List

[CLICK HERE](#) for links to all current Sherline lists.

MISCELLANEOUS TOOLS

DISCOUNTS AND CONDITIONS: Orders OVER \$50.00 (this side of the list sheet only) will receive a 20% discount. (Valenite insert tools as noted on the other side of this sheet are NOT included in \$50 total nor are they subject to the 20% discount.) No other discounts apply to items on this sheet. These discounts apply only to orders directly from Sherline and not to orders through dealers.

P/N	DESCRIPTION
11920	CARBIDE TOOL BIT, RIGHT-HAND
11930	CARBIDE TOOL BIT, LEFT-HAND
11940	60° CARBIDE TOOL BIT
11941	60° CARB. TOOL BIT w/ 1/64" nose rad. (for profiling)
11950	RIGHT HAND, HS STEEL CUTTING TOOL (1/4" SQ)
11960	LEFT HAND, HS STEEL CUTTING TOOL (1/4" SQ)
11970	BORING TOOL, HS STEEL CUTTING TOOL
11975	VERTICAL SHEER BIT, HS STEEL CUTTING TOOL (1/4" SQ)
1200	INTERNAL THREADING TOOL, RIGHT HAND
12001	INTERNAL THREADING TOOL, LEFT HAND
3005B	HSS TOOL BLANK (1/4" SQ) (Includes 5 blanks)
30240	#1 CENTER DRILL (60°)
30260	#2 CENTER DRILL (60°)
30270	#3 CENTER DRILL (60°)
30280	#000 CENTER DRILL (60°)
30290	#00 CENTER DRILL (60°)
30300	#0 CENTER DRILL (60°)
3061	.600 BORING TOOL (Use with P/N 3054)
3063	1" BORING TOOL (Use with P/N 3054)
3064	1.5" BORING TOOL (Use with P/N 3054)
30860	CUT OFF TOOL BLADE (Use with 3002, 5931, 5936)
3605	30° SPIRAL KNURLS, 90 D-20TPI (2)
3606	30° SPIRAL KNURLS, 90 D-25TPI (2)
3607	30° SPIRAL KNURLS, 90 D-30TPI (2)
3608	30° SPIRAL KNURLS, 90 D-35TPI (2)
3609	30° SPIRAL KNURLS, 90 D-40TPI (2)
3610	30° SPIRAL KNURLS, 70 D-50TPI (2)
3611	30° SPIRAL KNURLS, 70 D-80TPI (2)
3612	STRAIGHT TOOTH KNURLS, 90 D-16TPI (2)
3613	STRAIGHT TOOTH KNURLS, 90 D-20TPI (2)
3614	STRAIGHT TOOTH KNURLS, 90 D-25TPI (2)
3615	STRAIGHT TOOTH KNURLS, 90 D-30TPI (2)
3616	STRAIGHT TOOTH KNURLS, 90 D-32TPI (2)
3617	STRAIGHT TOOTH KNURLS, 90 D-35TPI (2)
3618	STRAIGHT TOOTH KNURLS, 90 D-40TPI (2)
3619	STRAIGHT TOOTH KNURLS, 90 D-41TPI (2)
3620	STRAIGHT TOOTH KNURLS, 90 D-47TPI (2)
3621	STRAIGHT TOOTH KNURLS, 70 D-35TPI (2)
3622	STRAIGHT TOOTH KNURLS, 70 D-50TPI (2)
3623	STRAIGHT TOOTH KNURLS, 70 D-53TPI (2)
3624	STRAIGHT TOOTH KNURLS, 70 D-60TPI (2)
3625	STRAIGHT TOOTH KNURLS, 70 D-70TPI (2)
3626	STRAIGHT TOOTH KNURLS, 70 D-80TPI (2)
30810	1/4" SHORT END MILL
30820	1/8" SHORT END MILL
30830	3/16" SHORT END MILL
7001	1/16" SHORT END MILL
7002	3/32" SHORT END MILL
7004	5/32" SHORT END MILL
7006	7/32" SHORT END MILL
7100	1/16" LONG END MILL
7101	5/64" LONG END MILL

P/N	DESCRIPTION
7102	3/32" LONG END MILL
7103	7/64" LONG END MILL
7104	1/8" LONG END MILL
7105	9/64" LONG END MILL
7106	5/32" LONG END MILL
7107	11/64" LONG END MILL
7108	3/16" LONG END MILL
7109	13/64" LONG END MILL
7110	15/64" LONG END MILL
7111	1/4" LONG END MILL
7200	1/16" BALL END MILL
7201	3/32" BALL END MILL
7203	1/8" BALL END MILL
7204	5/32" BALL END MILL
7205	3/16" BALL END MILL
7206	7/32" BALL END MILL
7207	1/4" BALL END MILL
7301	(.010) SLITTING SAW (2" x 140T)
7302	(.020) SLITTING SAW (2" x 152T)
7303	(.032) SLITTING SAW (2" x 110T)
7304	(.051) SLITTING SAW (2" x 110T)
7305	(.014) SLITTING SAW (2" x 152T)
7306	(.016) SLITTING SAW (2" x 110T)
7307	(.045) SLITTING SAW (2" x 110T)
7308	(.025) SLITTING SAW (2" x 152T)
7309	(.057) SLITTING SAW (2" x 110T)
7400	6 PC 3/8" END MILL SET (2-FL) w/block
7401	6 PC 3/8" END MILL SET (4-FL) w/block Sizes 1/8, 5/32, 1/4, 3/16, 5/16, 3/8"
7402	1/8" DOUBLE END MILL (3/8" SHK-2FL)
7403	3/16" DOUBLE END MILL (3/8" SHK-2FL)
7404	1/4" DOUBLE END MILL (3/8" SHK-2FL)
7405	5/16" DOUBLE END MILL (3/8" SHK-2FL)
7406	3/8" DOUBLE END MILL (3/8" SHK-2FL)
7407	5/32" DOUBLE END MILL (3/8" SHK-2FL)
7408	5/32" DOUBLE END MILL (3/8" SHK-4FL)
7410	1/8" DOUBLE END MILL (3/8" SHK-4FL)
7411	3/16" DOUBLE END MILL (3/8" SHK-4FL)
7412	1/4" DOUBLE END MILL (3/8" SHK-4FL)
7413	5/16" DOUBLE END MILL (3/8" SHK-4FL)
7414	3/8" DOUBLE END MILL (3/8" SHK-4FL)
7415	3/16" SGL FLT CNTERSINK (3/16" SHK)
7416	1/4" SGL FLUTE CNTERSINK (1/4" SHK)
7417	5/16" SGL FLT CNTERSINK (1/4" SHK)
7418	3/8" SGL FLUTE CNTERSINK (1/4" SHK)
7420	45° DOVETAIL CUTTER, 3/8 SHK-1/2" DIA
7421	60° DOVETAIL CUTTER, 3/8 SHK-1/2" DIA
7430	1/2" SGL END MILL (3/8" SHK-2FL)
7431	1/2" SGL END MILL (3/8" SHK-4FL)
7500	ANGLE PLATE, 3" x 2-1/2" x 2"
7560	NIKK STIKX Metal Cutting Compound, 2.2 oz stick
30810	1/4" SHORT END MILL