

Old Series	New Series	Length	Coating	End Type	Single/Double
<b>Endmills</b>					
2002	2002	Standard (SD)	None	Square End	Single End
2002B	2002	Standard (SD)	None	Ball Nose	Single End
2002C	2002	Standard (SD)	None	Corner Radius	Single End
2003	2003	Standard (SD)	None	Square End	Single End
2003B	2003	Standard (SD)	None	Ball Nose	Single End
2003C	2003	Standard (SD)	None	Corner Radius	Single End
2004	2004	Standard (SD)	None	Square End	Single End
2004B	2004	Standard (SD)	None	Ball Nose	Single End
2004C	2004	Standard (SD)	None	Corner Radius	Single End
2351	2351		None	Concave Radius	Single End
3000	3000	Standard (SD)	FC18	Square End	Single End
3000C	3000	Standard (SD)	FC18	Chamfer	Single End
3000R	3000	Standard (SD)	FC18	Corner Radius	Single End
3000XL	3000	Extra-Long (XL)	FC18	Square End	Single End
3090C	3000	Stub (STB)	FC18	Chamfer	Single End
3090R	3000	Stub (STB)	FC18	Corner Radius	Single End
3200	3200	Standard (SD)	None	Square End	Single End
3200 TiAlN	3200	Standard (SD)	TiAlN	Square End	Single End
3200 TiCN	3200	Standard (SD)	TiCN	Square End	Single End
3200 TiN	3200	Standard (SD)	TiN	Square End	Single End
3200B	3200	Standard (SD)	None	Ball Nose	Single End
3200B TiAlN	3200	Standard (SD)	TiAlN	Ball Nose	Single End
3200B TiCN	3200	Standard (SD)	TiCN	Ball Nose	Single End
3200B TiN	3200	Standard (SD)	TiN	Ball Nose	Single End
3200R	3200	Standard (SD)	None	Corner Radius	Single End
3200R TiAlN	3200	Standard (SD)	TiAlN	Corner Radius	Single End
3200SM	3200SM	Sub-Miniature (SM)	None	Square End	Single End
3200SMB	3200SM	Sub-Miniature (SM)	None	Ball Nose	Single End
3200XL	3200	Extra-Long (XL)	None	Square End	Single End
3200XL TiAlN	3200	Extra-Long (XL)	TiAlN	Square End	Single End
3200XLB	3200	Extra-Long (XL)	None	Ball Nose	Single End
3200XLB TiAlN	3200	Extra-Long (XL)	TiAlN	Ball Nose	Single End
3211	3211	Standard (SD)	None	Square End	Single End
3211 TiAlN	3211	Standard (SD)	TiAlN	Square End	Single End
3211B	3211	Standard (SD)	None	Ball Nose	Single End
3211B TiAlN	3211	Standard (SD)	TiAlN	Ball Nose	Single End
3212 TiAlN	3212	Standard (SD)	TiAlN	Square End	Single End
3212B TiAlN	3212	Standard (SD)	TiAlN	Ball Nose	Single End
3215	3215	Standard (SD)	None	Square End	Single End
3215 TiAlN	3215	Standard (SD)	TiAlN	Square End	Single End
3215B	3215	Standard (SD)	None	Ball Nose	Single End
3215B TiAlN	3215	Standard (SD)	TiAlN	Ball Nose	Single End
3215R	3215	Standard (SD)	None	Corner Radius	Single End
3215R TiAlN	3215	Standard (SD)	TiAlN	Corner Radius	Single End

3215SM	3215SM	Sub-Miniature (SM)	None	Square End	Single End
3215SMB	3215SM	Sub-Miniature (SM)	None	Ball Nose	Single End
3215SMS	3215SM	Sub-Mini Stub (SMS)	None	Square End	Single End
3215SMSB	3215SM	Sub-Mini Stub (SMS)	None	Ball Nose	Single End
3215XL	3215	Extra-Long (XL)	None	Square End	Single End
3215XL TiAIN	3215	Extra-Long (XL)	TIALN	Square End	Single End
3215XLB	3215	Extra-Long (XL)	None	Ball Nose	Single End
3215XLB TiAIN	3215	Extra-Long (XL)	TIALN	Ball Nose	Single End
3221	3200	Standard (SD)	None	Square End	Double End
3221 TiAIN	3200	Standard (SD)	TIALN	Square End	Double End
3221B	3200	Standard (SD)	None	Ball Nose	Double End
3221B TiAIN	3200	Standard (SD)	TIALN	Ball Nose	Double End
3225	3215	Standard (SD)	None	Square End	Double End
3225 TiAIN	3215	Standard (SD)	TIALN	Square End	Double End
3225B	3215	Standard (SD)	None	Ball Nose	Double End
3225B TiAIN	3215	Standard (SD)	TIALN	Ball Nose	Double End
3230	3230	Standard (SD)	None	Square End	Single End
3230B	3230	Standard (SD)	None	Ball Nose	Single End
3242	3242	Standard (SD)	None	Square End	Single End
3242B	3242	Standard (SD)	None	Ball Nose	Single End
3260	3200	Stub (STB)	None	Square End	Double End
3260 TiAIN	3200	Stub (STB)	TIALN	Square End	Double End
3260B	3200	Stub (STB)	None	Ball Nose	Double End
3260B TiAIN	3200	Stub (STB)	TIALN	Ball Nose	Double End
3261B	3261	Standard (SD)		Ball Nose	Single End
3261B TiAIN	3261	Standard (SD)	TIALN	Ball Nose	Single End
3265	3215	Stub (STB)	None	Square End	Double End
3265 TiAIN	3215	Stub (STB)	TIALN	Square End	Double End
3265B	3215	Stub (STB)	None	Ball Nose	Double End
3265B TiAIN	3215	Stub (STB)	TIALN	Ball Nose	Double End
3278	3200	Standard (SD)	None	Square End	Double End
3278 TiAIN	3200	Standard (SD)	TIALN	Square End	Double End
3278B	3200	Standard (SD)	None	Ball Nose	Double End
3278B TiAIN	3200	Standard (SD)	TIALN	Ball Nose	Double End
3282	3215	Standard (SD)	None	Square End	Double End
3282 TiAIN	3215	Standard (SD)	TIALN	Square End	Double End
3282B	3215	Standard (SD)	None	Ball Nose	Double End
3282B TiAIN	3215	Standard (SD)	TIALN	Ball Nose	Double End
3290	3200	Stub (STB)	None	Square End	Single End
3290 TiAIN	3200	Stub (STB)	TIALN	Square End	Single End
3290 TiCN	3200	Stub (STB)	TiCN	Square End	Single End
3290 TiN	3200	Stub (STB)	TiN	Square End	Single End
3290B	3200	Stub (STB)	None	Ball Nose	Single End
3290B TiAIN	3200	Stub (STB)	TIALN	Ball Nose	Single End
3295	3215	Stub (STB)	None	Square End	Single End
3295 TiAIN	3215	Stub (STB)	TIALN	Square End	Single End

3295B	3215	Stub (STB)	None	Ball Nose	Single End
3295B TiAIN	3215	Stub (STB)	TIALN	Ball Nose	Single End
3300	3300	Standard (SD)	None	Square End	Single End
3300 TiAIN	3300	Standard (SD)	TIALN	Square End	Single End
3300 TiCN	3300	Standard (SD)	TiCN	Square End	Single End
3300 TiN	3300	Standard (SD)	TiN	Square End	Single End
3300B	3300	Standard (SD)	None	Ball Nose	Single End
3300B TiAIN	3300	Standard (SD)	TIALN	Ball Nose	Single End
3300B TiCN	3300	Standard (SD)	TiCN	Ball Nose	Single End
3300B TiN	3300	Standard (SD)	TiN	Ball Nose	Single End
3300XL	3300	Extra-Long (XL)	None	Square End	Single End
3300XL TiAIN	3300	Extra-Long (XL)	TIALN	Square End	Single End
3300XLB	3300	Extra-Long (XL)	None	Ball Nose	Single End
3300XLB TiAIN	3300	Extra-Long (XL)	TIALN	Ball Nose	Single End
3335	3335	Standard (SD)	None	Corner Radius	Single End
3335 TiAIN	3335	Standard (SD)	TIALN	Corner Radius	Single End
3395 TiAIN	3335	Stub (STB)	TIALN	Corner Radius	Single End
3400	3400	Standard (SD)	FC18	Square End	Single End
3400 TIALN	3400	Standard (SD)	TIALN	Square End	Single End
3400B	3400	Standard (SD)	FC18	Ball Nose	Single End
3400B TIALN	3400	Standard (SD)	TIALN	Ball Nose	Single End
3400LR	3400	Long Reach (LR)	FC18	Corner Radius	Single End
3400R	3400	Standard (SD)	FC18	Corner Radius	Single End
3400R TIALN	3400	Standard (SD)	TIALN	Corner Radius	Single End
3410	3410	Standard (SD)	FC18	Square End	Single End
3410R	3410	Standard (SD)	FC18	Corner Radius	Single End
3490	3400	Stub (STB)	FC18	Square End	Single End
3490 TIALN	3400	Stub (STB)	TIALN	Square End	Single End
3490B	3400	Stub (STB)	FC18	Ball Nose	Single End
3490B TIALN	3400	Stub (STB)	TIALN	Ball Nose	Single End
3490R	3400	Stub (STB)	FC18	Corner Radius	Single End
3490R TIALN	3400	Stub (STB)	TIALN	Corner Radius	Single End
3491	3410	Stub (STB)	FC18	Square End	Single End
3491R	3410	Stub (STB)	FC18	Corner Radius	Single End
3730	3730	Standard (SD)	None	Chamfer	Single End
3730 TiAIN	3730	Standard (SD)	TIALN	Chamfer	Single End
3742	3730	Standard (SD)	None	Chamfer	Single End
3742 TIALN	3730	Standard (SD)	TIALN	Chamfer	Double End
3742 TIALN	3730	Standard (SD)	TIALN	Chamfer	Single End
3750	3730	Standard (SD)	None	Chamfer	Single End
3750 TiAIN	3730	Standard (SD)	TIALN	Chamfer	Single End
3762	3730	Standard (SD)	None	Chamfer	Single End
3762 TIALN	3730	Standard (SD)	TIALN	Chamfer	Double End
3762 TIALN	3730	Standard (SD)	TIALN	Chamfer	Double End
3762 TIALN	3730	Standard (SD)	TIALN	Chamfer	Single End
3800	3800	Standard (SD)	None	Square End	Single End

3800 TIALN	3800	Standard (SD)	TIALN	Square End	Single End
3800 TICN	3800	Standard (SD)	TICN	Square End	Single End
3800 TIN	3800	Standard (SD)	TIN	Square End	Single End
3805	3805	Standard (SD)	FC15	Chamfer	Single End
3810	3810	Standard (SD)	None	Corner Radius	Single End
3815	3815	Standard (SD)	None	Chamfer	Single End
3815 FC19	3815	Standard (SD)	FC19	Chamfer	Single End
3815XL	3815	Extra-Long (XL)	None	Chamfer	Single End
3815XL FC19	3815	Extra-Long (XL)	FC19	Chamfer	Single End
3820	3820	Standard (SD)	None	Corner Radius	Single End
3825	3825	Standard (SD)	None	Square End	Single End
3825 FC19	3825	Standard (SD)	FC19	Square End	Single End
3825B	3825	Standard (SD)	None	Ball Nose	Single End
3825B FC19	3825	Standard (SD)	FC19	Ball Nose	Single End
3825R	3825	Standard (SD)	None	Corner Radius	Single End
3825XL	3825	Extra-Long (XL)	None	Square End	Single End
3825XL FC19	3825	Extra-Long (XL)	FC19	Square End	Single End
3825XLB	3825	Extra-Long (XL)	None	Ball Nose	Single End
3825XLB FC19	3825	Extra-Long (XL)	FC19	Ball Nose	Single End
3833	3833	Standard (SD)	None	Square End	Single End
3833 FC5	3833	Standard (SD)	FC5	Square End	Single End
3833B	3833	Standard (SD)	None	Ball Nose	Single End
3833B FC5	3833	Standard (SD)	FC5	Ball Nose	Single End
3833LR	3833	Long Reach (LR)	None	Square End	Single End
3833LRR	3833	Long Reach (LR)	None	Corner Radius	Single End
3833LRR FC5	3833	Long Reach (LR)	FC5	Corner Radius	Single End
3833R	3833	Standard (SD)	None	Corner Radius	Single End
3833R FC5	3833	Standard (SD)	FC5	Corner Radius	Single End
3833XL	3833	Extra-Long (XL)	None	Square End	Single End
3833XL FC5	3833	Extra-Long (XL)	FC5	Square End	Single End
3833XLB	3833	Extra-Long (XL)	None	Ball Nose	Single End
3833XLB FC5	3833	Extra-Long (XL)	FC5	Ball Nose	Single End
3833XLR FC5	3833	Extra-Long (XL)	FC5	Corner Radius	Single End
3835	3835	Standard (SD)	None	Square End	Single End
3835 FC19	3835	Standard (SD)	FC19	Square End	Single End
3835XL	3835	Extra-Long (XL)	None	Square End	Single End
3835XL FC19	3835	Extra-Long (XL)	FC19	Square End	Single End
3845	3845	Standard (SD)	None	Square End	Single End
3845 TiAIN	3845	Standard (SD)	TIALN	Square End	Single End
3845XL	3845	Extra-Long (XL)	None	Square End	Single End
3845XL TiAIN	3845	Extra-Long (XL)	TIALN	Square End	Single End
3855	3825	Stub (STB)	None	Square End	Single End
3855 FC19	3825	Stub (STB)	FC19	Square End	Single End
3855B	3825	Stub (STB)	None	Ball Nose	Single End
3855B FC19	3825	Stub (STB)	FC19	Ball Nose	Single End
3855LR	3825	Long Reach (LR)	None	Square End	Single End

3865	3845	Stub (STB)	None	Square End	Single End
3865 TiAIN	3845	Stub (STB)	TIALN	Square End	Single End
3873	3833	Stub (STB)	None	Square End	Single End
3873 FC5	3833	Stub (STB)	FC5	Square End	Single End
3873B	3833	Stub (STB)	None	Ball Nose	Single End
3873B FC5	3833	Stub (STB)	FC5	Ball Nose	Single End
3873R	3833	Stub (STB)	None	Corner Radius	Single End
3873R FC5	3833	Stub (STB)	FC5	Corner Radius	Single End
3875	3835	Stub (STB)	None	Square End	Single End
3875 FC19	3835	Stub (STB)	FC19	Square End	Single End
3895	3815	Stub (STB)	None	Chamfer	Single End
3895 FC19	3815	Stub (STB)	FC19	Chamfer	Single End
3900	3900	Standard (SD)	None	Square End	Single End
3910	3910	Standard (SD)	None	Square End	Single End
3915	3915	Standard (SD)	None	Square End	Single End
3925	3925	Standard (SD)	None	Square End	Single End
3930	3930	Standard (SD)	None	Square End	Single End
3935	3935	Standard (SD)	None	Square End	Single End
3975 TiAIN	3975	Standard (SD)	TIALN	Corner Radius	Single End
3990	3990	Standard (SD)	None	Corner Radius	Single End
3990 FC19	3990	Standard (SD)	FC19	Corner Radius	Single End
3995 TiAIN	3995	Standard (SD)	TIALN	Corner Radius	Single End
9000	3000	Standard (SD)	FC18	Square End	Single End
9000R	3000	Standard (SD)	FC18	Corner Radius	Single End
9002	2002	Standard (SD)	None	Square End	Single End
9002B	2002	Standard (SD)	None	Ball Nose	Single End
9002C	2002	Standard (SD)	None	Corner Radius	Single End
9003	2003	Standard (SD)	None	Square End	Single End
9003B	2003	Standard (SD)	None	Ball Nose	Single End
9003C	2003	Standard (SD)	None	Corner Radius	Single End
9004	2004	Standard (SD)	None	Square End	Single End
9004B	2004	Standard (SD)	None	Ball Nose	Single End
9004C	2004	Standard (SD)	None	Corner Radius	Single End
9090	3000	Stub (STB)	FC18	Square End	Single End
9090R	3000	Stub (STB)	FC18	Corner Radius	Single End
9200	3200	Standard (SD)	None	Square End	Single End
9200 TiAIN	3200	Standard (SD)	TIALN	Square End	Single End
9200B	3200	Standard (SD)	None	Ball Nose	Single End
9200B TiAIN	3200	Standard (SD)	TIALN	Ball Nose	Single End
9200R	3200	Standard (SD)	None	Corner Radius	Single End
9200R TiAIN	3200	Standard (SD)	TIALN	Corner Radius	Single End
9200XL	3200	Extra-Long (XL)	None	Square End	Single End
9200XL TiAIN	3200	Extra-Long (XL)	TIALN	Square End	Single End
9200XLB	3200	Extra-Long (XL)	None	Ball Nose	Single End
9200XLB TiAIN	3200	Extra-Long (XL)	TIALN	Ball Nose	Single End
9215	3215	Standard (SD)	None	Square End	Single End

9215 TiAIN	3215	Standard (SD)	TIALN	Square End	Single End
9215 TiCN	3215	Standard (SD)	TiCN	Square End	Single End
9215 TiN	3215	Standard (SD)	TiN	Square End	Single End
9215B	3215	Standard (SD)	None	Ball Nose	Single End
9215B TiAIN	3215	Standard (SD)	TIALN	Ball Nose	Single End
9215B TiAIN	3215	Standard (SD)	TIALN	Ball Nose	Single End
9215B TiCN	3215	Standard (SD)	TiCN	Ball Nose	Single End
9215B TiN	3215	Standard (SD)	TiN	Ball Nose	Single End
9215XL	3215	Extra-Long (XL)	None	Square End	Single End
9215XL TiAIN	3215	Extra-Long (XL)	TIALN	Square End	Single End
9215XLB	3215	Extra-Long (XL)	None	Ball Nose	Single End
9215XLB TiAIN	3215	Extra-Long (XL)	TIALN	Ball Nose	Single End
9290	3200	Stub (STB)	None	Square End	Single End
9290 TiAIN	3200	Stub (STB)	TIALN	Square End	Single End
9290B	3200	Stub (STB)	None	Ball Nose	Single End
9290B TiAIN	3200	Stub (STB)	TIALN	Ball Nose	Single End
9295	3215	Stub (STB)	None	Square End	Single End
9295 TiAIN	3215	Stub (STB)	TIALN	Square End	Single End
9295 TiN	3215	Stub (STB)	TiN	Square End	Single End
9295B	3215	Stub (STB)	None	Ball Nose	Single End
9295B TiAIN	3215	Stub (STB)	TIALN	Ball Nose	Single End
9300	3300	Standard (SD)	None	Square End	Single End
9300 TiAIN	3300	Standard (SD)	TIALN	Square End	Single End
9300B	3300	Standard (SD)	None	Ball Nose	Single End
9300B TiAIN	3300	Standard (SD)	TIALN	Ball Nose	Single End
9390	3300	Stub (STB)	None	Square End	Single End
9400	3400	Standard (SD)	FC18	Square End	Single End
9400 TIALN	3400	Standard (SD)	TIALN	Square End	Single End
9400B	3400	Standard (SD)	FC18	Ball Nose	Single End
9400LR	3400	Long Reach (LR)	FC18	Corner Radius	Single End
9400R	3400	Standard (SD)	FC18	Corner Radius	Single End
9400R TIALN	3400	Standard (SD)	TIALN	Corner Radius	Single End
9410	3410	Standard (SD)	FC18	Square End	Single End
9410LR	3410	Long Reach (LR)	FC18	Corner Radius	Single End
9410R	3410	Standard (SD)	FC18	Corner Radius	Single End
9490	3400	Stub (STB)	FC18	Square End	Single End
9490 TIALN	3400	Stub (STB)	TIALN	Square End	Single End
9490B	3400	Stub (STB)	FC18	Ball Nose	Single End
9490R	3400	Stub (STB)	FC18	Corner Radius	Single End
9490R TIALN	3400	Stub (STB)	TIALN	Corner Radius	Single End
9491	3410	Stub (STB)	FC18	Square End	Single End
9491R	3410	Stub (STB)	FC18	Corner Radius	Single End
9750	3730	Standard (SD)	None	Chamfer	Single End
9800	3800	Standard (SD)	None	Square End	Single End
9800 TIALN	3800	Standard (SD)	TIALN	Square End	Single End
9810	3810	Standard (SD)	None	Corner Radius	Single End

9825B	3825	Standard (SD)	None	Ball Nose	Single End
9833	3833	Standard (SD)	None	Square End	Single End
9833 FC5	3833	Standard (SD)	FC5	Square End	Single End
9833B	3833	Standard (SD)	None	Ball Nose	Single End
9833B FC5	3833	Standard (SD)	FC5	Ball Nose	Single End
9833LR	3833	Long Reach (LR)	None	Square End	Single End
9833LR FC5	3833	Long Reach (LR)	FC5	Square End	Single End
9833LRB	3833	Long Reach (LR)	None	Ball Nose	Single End
9833LRB FC5	3833	Long Reach (LR)	FC5	Ball Nose	Single End
9833LRR	3833	Long Reach (LR)	None	Corner Radius	Single End
9833R	3833	Standard (SD)	None	Corner Radius	Single End
9833XL	3833	Extra-Long (XL)	None	Square End	Single End
9833XLB	3833	Extra-Long (XL)	None	Ball Nose	Single End
9833XLB FC5	3833	Extra-Long (XL)	FC5	Ball Nose	Single End
9835	3835	Standard (SD)	None	Square End	Single End
9835 FC19	3835	Standard (SD)	FC19	Square End	Single End
9835LR	3835	Long Reach (LR)	None	Square End	Single End
9835LR FC19	3835	Long Reach (LR)	FC19	Square End	Single End
9835XL	3835	Extra-Long (XL)	None	Square End	Single End
9835XL FC19	3835	Extra-Long (XL)	FC19	Square End	Single End
9845	3845	Standard (SD)	None	Square End	Single End
9845XL	3845	Extra-Long (XL)	None	Square End	Single End
9865	3845	Stub (STB)	None	Square End	Single End
9873	3833	Stub (STB)	None	Square End	Single End
9873 FC5	3833	Stub (STB)	FC5	Square End	Single End
9873B	3833	Stub (STB)	None	Ball Nose	Single End
9873B FC5	3833	Stub (STB)	FC5	Ball Nose	Single End
9873R	3833	Stub (STB)	None	Corner Radius	Single End
9873R FC5	3833	Stub (STB)	FC5	Corner Radius	Single End
9990	3990	Standard (SD)	None	Corner Radius	Single End
9990FC19	3990	Standard (SD)	FC19	Corner Radius	Single End
9995TiAlN	3995	Standard (SD)	TiAlN	Corner Radius	Single End
Jo-Engraver	JO	Standard (SD)	None	Chamfer	Double End
Jo-Engraver	JO	Standard (SD)	TiAlN	Chamfer	Double End

## Drills

1500	1500	Standard (SD)	Vary	Notched	Single End
1500 FC7	1500	Standard (SD)	FC7	Notched	Single End
1500 TiAlN	1500	Standard (SD)	TiAlN	Notched	Single End
1505	1505	Standard (SD)	FC7	Non-Coolant	Single End
1505SM	1505SM	Standard (SD)	FC7	Non-Coolant	Single End
1510	1510	Standard (SD)	None	Four Facet	Single End
1520	1500	Stub (STB)	Vary	Notched	Single End
1520 FC7	1500	Stub (STB)	FC7	Notched	Single End
1520 TiAlN	1500	Stub (STB)	TiAlN	Notched	Single End
1525	1510	Stub (STB)	None	Four Facet	Single End
1530	1530		None	Facet Relieved	Single End

Center Drills	1535	1535		None	Cam Relieved	Single End
	1540	1540	Standard (SD)	None	Thinned	Single End
	1545	1535		None	Cam Relieved	Single End
	1562	1505	Standard (SD)	FC7	Coolant	Single End
	1562SM	1505SM	Standard (SD)	FC7	Coolant	Single End
	1565	1565	Standard (SD)	None	Hi-Performance	Single End
	1566 TiAlN	1566		TiAlN	Notched	Single End
	1570	1570		None	Notched	Single End
	1575	1535		None	Cam Relieved	Single End
	1590	1590		None	Four Facet	Single End
Center Drills	2305	2305		None	Cam Relieved	Double End
	7500	2305		None	Cam Relieved	Double End
Reamers						
Reamers	1400	1400	Stub (STB)	None	Chamfer	Single End
	1410	1410	Stub (STB)	None	Chamfer	Single End
	1410L	1410	Stub (STB)	None	Chamfer	Single End
	1410R	1410	Stub (STB)	None	Chamfer	Single End
	1415	1415	Stub (STB)	None	Chamfer	Single End
	1420	1420	Stub (STB)	None	Chamfer	Single End
	1450	1400	Standard (SD)	None	Chamfer	Single End
	1450 JIT	1450	Standard (SD)	None	Chamfer	Single End
	1450L JIT	1450	Standard (SD)	None	Chamfer	Single End
	1450R JIT	1450	Standard (SD)	None	Chamfer	Single End
Saws						
Saws	Saw Arbors	SA				
	2450	2450		None		
Keyseat Cutters						
Keyseat Cutters	4375	4375		None		Single End
	4375E	4375		None		Single End
Burr						
Burr	40	BURR	Standard (SD)	None	Vary	Single End
	41	BURR	Standard (SD)	None	Vary	Single End
	42	BURR	Standard (SD)	None	Vary	Single End
	43	BURR	Standard (SD)	None	Vary	Single End
	44	BURR	Standard (SD)	None	Vary	Single End
	45	BURR	Standard (SD)	None	Vary	Single End
	46	BURR	Standard (SD)	None	Vary	Single End
	47	BURR	Standard (SD)	None	Vary	Single End
	48	BURR	Standard (SD)	None	Vary	Single End
	49	BURR	Standard (SD)	None	Vary	Single End
	50	BURR	Standard (SD)	None	Vary	Single End
	51	BURR	Standard (SD)	None	Vary	Single End
	52	BURR	Standard (SD)	None	Vary	Single End
	53	BURR	Standard (SD)	None	Vary	Single End
	59	BURR	Standard (SD)	None	Vary	Single End



	70	BURR	Standard (SD)	None	Vary	Single End
	71	BURR	Standard (SD)	None	Vary	Single End
	72	BURR	Standard (SD)	None	Vary	Single End
	80	BURR	Standard (SD)	None	Vary	Single End
	2600	2600		None	Vary	Single End
<b>Countersinks</b>						
	1835	1835		None		Single End
	1847	1847		None		Single End
	1856	1856		None		Single End
<b>Boring Tools</b>						
	2400	2400		None		Single End