



CATALOG NO. 101

Severance®

High Speed Steel and Carbide CUTTING TOOLS

Precision Finishing

Chatterless Design



Severance® Tool Industries Inc. Saginaw, Michigan 989-777-5500

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Tool Sets & Kits

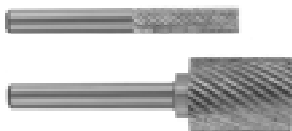


High Speed Steel Our most Popular H.S.S. Set

Midget Mills® Set 77 (7 Piece Set) EDP Order #29677

Tools Included Are:

•GLA-EC •GGB •GLC •GKH •GIP •GLR •GJT



Carbide

Carbo-Mills™ Set 3-W (7 Piece Set) EDP Order #29570

Tools Included Are:

•3A-W •3B-W •3C-W •3L-W •3N-W •3R-W •3T-W



Carbide

Carbo-Mills™ Set 4-W (12 Piece Set) EDP Order #29571

Tools Included Are:

•4A3-W •4A-W •4B-W •4C3-W •4C-W •4L-W •4N-W
•4Q-W •4T-W •4R-W •4Y-DE-W •4Z-DE-W



Carbide

Carbo-Mills™ Set 6-W (8 Piece Set) EDP Order #29572

Tools Included Are:

•6A-W •6B-W •6C-W •6L-W •6N-W •6Q-W •6R-W
•6T-W



Carbide

Carbo-Mills™ Set 8-W (10 Piece Set) EDP Order #29573

Tools Included Are:

•8A-W •8B-W •8C-W •8H-W •8N-W •8Q-W •8R-W
•8T-W •8Y-DE-W •8Z-DE-W



Carbide

Our most Popular Carbide Set

Carbo-Mills™ Set 16-W (10 Piece Set) EDP Order #29575

Tools Included Are:

•16A8-W •12B8-W •16B8-W •16C8-W •16H8-W •16Q8-W •12R8-W
•16R8-W •16T8-W •16U8-W



Carbide

Carbo-Mills™ Set 24-W (6 Piece Set) EDP Order #29576

Tools Included Are:

•12A8-W •20A8-W •12C8-W •20C8-W •12L8-W •24R8-W



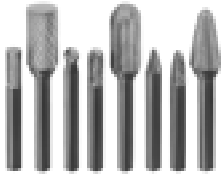


Carbide

Sever-Cuts™ Set 14-W (10 Piece Set) EDP Order #29574

Tools Included Are:

- CJA-W-4F •EJA-W-6F •GLA-W-8F •CJC-W-4F •EJC-W-6F •GLC-W-8F
- GKH-W-8F •EJR-W-6F •GLR-W-8F •IMR-W-8F

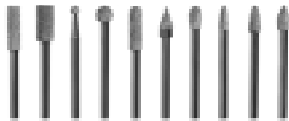


Carbide

Di-Car Mills™ Set 40-W (6 Piece Set) EDP Order #29646

Tools Included Are:

- A-44-H-W •A-48-D-W •B-44-H-W •C-48-H-W •C-44-D-W •H-44-H-W
- R-44-D-W •R-48-H-W



High Speed Steel

Our most Popular H.S.S. Junior Mill® Set

Junior Mills® Set 100 (10 Piece Set) EDP Order #29690

Tools Included Are:

- JR-1 •JR-2 •JR-3 •JR-4 •JR-5 •JR-6 •JR-7
- JR-8 •JR-9 •JR-10

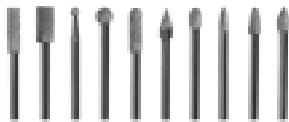


High Speed Steel

Junior Mills® Set 101 (14 Piece Set) EDP Order #29692

Tools Included Are:

- JR-1 •JR-2 •JR-3 •JR-4 •JR-5 •JR-6 •JR-7
- JR-8 •JR-9 •JR-10 •JR-11 •JR-12 •JR-13 •JR-14

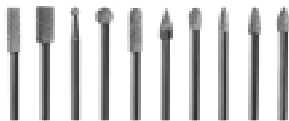


High Speed Steel

Junior Mills® Set 102 (20 Piece Set) EDP Order #29694

Tools Included Are:

- JR-1 •JR-2 •JR-3 •JR-4 •JR-5 •JR-6 •JR-7
- JR-8 •JR-9 •JR-10 •JR-11 •JR-12 •JR-13 •JR-14
- JR-15 •JR-16 •JR-17 •JR-18 •JR-19 •JR-20



Carbide

Our most Popular Carbide Junior Mill® Set

Junior Mills® Set 100-W (10 Piece Set) EDP Order #29691

Tools Included Are:

- JR-1-W •JR-2-W •JR-3-W •JR-4-W •JR-5-W •JR-6-W •JR-7-W
- JR-8-W •JR-9-W •JR-10-W



Carbide

Junior Mills® Set 101-W (14 Piece Set) EDP Order #29693

Tools Included Are:

- JR-1-W •JR-2-W •JR-3-W •JR-4-W •JR-5-W •JR-6-W •JR-7-W
- JR-8-W •JR-9-W •JR-10-W •JR-11-W •JR-12-W •JR-13-W •JR-14-W

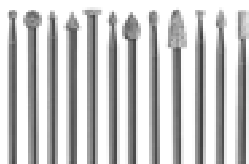


Carbide

Junior Mills® Set 102-W (20 Piece Set) EDP Order #29695

Tools Included Are:

- JR-1-W •JR-2-W •JR-3-W •JR-4-W •JR-5-W •JR-6-W
- JR-7-W •JR-8-W •JR-9-W •JR-10-W •JR-11-W •JR-12-W
- JR-13-W •JR-14-W •JR-15-W •JR-16-W •JR-17-W •JR-18-W
- JR-19-W •JR-20-W



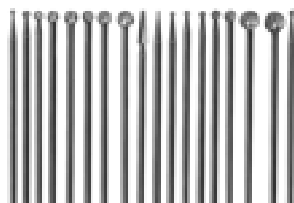
High Speed Steel

Our most Popular Miniature Deburring Tool Set

Lab Mills™ Set 60 (12 Piece Set) EDP Order #29666

Tools Included Are:

- LM1-093 •LM1-187 •LM2-093 •LM2-187 •LM3-187 •LM4-093
- LM4-187 •LM5-093 •LM6-187 •LM7-093 •LM8-093 •LM9-093

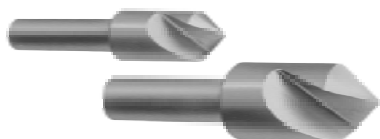


High Speed Steel

Extra Length Lab Mills™ Set 80 (12 Piece Set) EDP Order #29680

Tools Included Are:

- JD-1 •JD-2 •JD-3 •JD-4 •JD-5 •JD-6
- JD-7 •JD-8 •JD-9 •JD-10 •JD-11 •JD-12



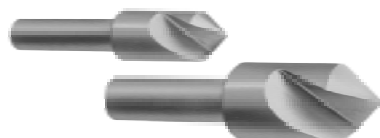
Tools include 1 piece of each of the following tool diameters:

1/4" 1/2" 3/4" 1"
1-1/4"

High Speed Steel

Single Flute Countersinks Set 35 (5 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #35	29626	29627	29628	29629	29630	29631



Tools include 1 piece of each of the following tool diameters:

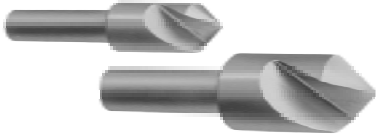
1/4" 3/8" 1/2" 5/8"
3/4" 1"

High Speed Steel

Our most Popular Single Flute Set

Single Flute Countersinks Set 36 (6 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #36	29632	29633	29634	29635	29636	29637



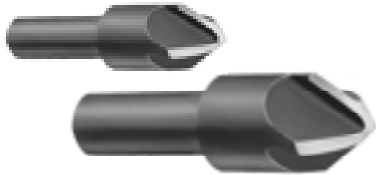
Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 5/8"
3/4" 1" 1-1/4" 1-1/2"
1-3/4" 2"

High Speed Steel

Single Flute Countersinks Set 37 (10 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #37	29638	29639	29640	29641	29642	29643



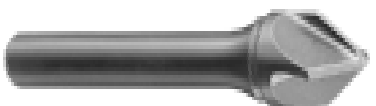
Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 5/8"
3/4" 1"

High Speed Steel

4-Flute Chatter-Free™ Econo-Sink® Set 30 (6 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #30	29614	29615	29616	29617	29618	29619



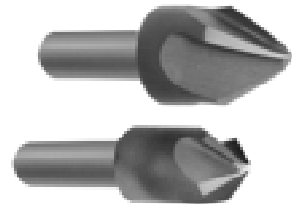
Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 5/8"
3/4" 1"

Carbide

4-Flute Chatter-Free™ Econo-Sink® Set 30-W (6 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #30-W	29620	29621	29622	29623	29624	29625



Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 3/4"

High Speed Steel

3N1® Drill Point Countersink Set 38 (4 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #38	29700	29701	29702	29703	29704	29705



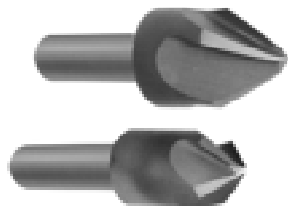
Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 3/4"

Carbide

3N1® Drill Point Countersink Set 38-W (4 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #38-W	29730	29731	29732	29733	29734	29735



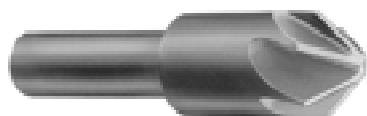
Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 5/8"
3/4" 1"



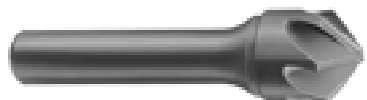
Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 5/8"
3/4" 1"



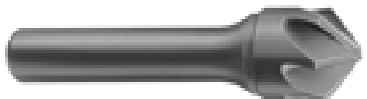
Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 3/4"



Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 3/4"



Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 5/8"
3/4" 1"

High Speed Steel

3N1® Drill Point Countersink Set 39 (6 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #39	29710	29711	29712	29713	29714	29715

Carbide

3N1® Drill Point Countersink Set 39-W (6 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #39-W	29740	29741	29742	29743	29744	29745

High Speed Steel

Our most Popular H.S.S. Set

6-Flute Chatterless - Countersink™ Set 27 (4Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #27	29590	29591	29592	29593	29594	29595

Carbide

Our most Popular Carbide Set

6-Flute Chatterless - Countersink™ Set 27-W (4 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
Set #27-W	29596	29597	29598	29599	29600	29601

High Speed Steel

6-Flute Chatterless - Countersink™ Set 29 (6 Piece Set)

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
SET #29	29602	29603	29604	29605	29606	29607



Carbide

6-Flute Chatterless - Countersink™ Set 29-W (6 Piece Set)

Tools include 1 piece of each of the following tool diameters:

1/4" 3/8" 1/2" 5/8"
3/4" 1"

Centerline Angle	30°	41°	45°	50°	55°	60°
Included Angle	60°	82°	90°	100°	110°	120°
Severance Name	Order Number	Order Number	Order Number	Order Number	Order Number	Order Number
SET #29-W	29608	29609	29610	29611	29612	29613



Whirly-Gig® Sets

Whirly-Gig® Set #344

EDP# 34268

1 Whirly-Gig® Handle
1 Whirly-Gig® Extension
1 ID-5/8-30
1 ID-5/8-45
1 SC-7-41-.093
1 SC-7-45-.093
1 HR-10
1 Threaded Arbor

Whirly-Gig® Set #345

EDP# 34271

1 Whirly-Gig® Handle
1 Whirly-Gig® Holder-1/4
1 CK-1/4-45-DE
1 3N1-QC-1/2-45
1 Hex Wrench

Whirly-Gig® Set #346

EDP# 34272

1 Whirly-Gig® Handle
1 Whirly-Gig® Holder-1/4
1 CK-1/4-45-DE
1 CK-1/4-41-DE
1 3N1-QC-1/2-45
1 3N1-QC-3/8-45
1 IC-5/8-30
1 HR-10
1 Hex Wrench
1 Threaded Arbor

Set #344 is very popular.

One of our most popular sets. See Page 42 for more details

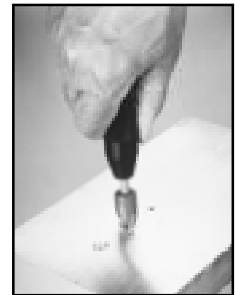


Speedy Handle™ Set 349

EDP# 34270

Speedy Handle™

IIB	Ball Shaped Midget Mill®
ICS-5/8-45	Inside Chamfering Mill
ES-5/8-45-1/4	Four Flute Countersink



Countertop Display - Tool Master Set 811

Severance Tool Industries new Tool Master set is ideal for tool cribs, maintenance departments, and factory deburring areas. This set has been carefully designed and filled with our most popular cutting tools. This will allow you to have available, a wide variety of problem solving deburring tools for your various applications. This new unique display set has only an 8 1/2" x 11" foot print. Lay this page on your countertop for a quick size chart. This is available in **High Speed Steel (EDP #29696)** and **Carbide (EDP #29697)**. This is also an ideal distributor countertop display, and will assist your customer applications using a minimum amount of counter space.

Severance Tool Master Display Contains



Midget Mills®	Tube End Deburring Cutter	Junior Mills®	Stop Countersinks
GLA-EC GGB GLC GKH GIP GLR GJT	ED-TUBE	JR-1 JR-2 JR-3 JR-4 JR-5 JR-6 JR-8 JR-9 JR-10 JR-11 JR-12 JR-20	SC-6-41-.125 SC-7-41-.156 SC-8-45-.187 SC-10-45-.250
Single Flute Countersinks	3N1® Drill Point Countersinks	6 Flute Chatterless™ Countersinks	Stop Countersink Unit
1/4-SF-30 3/8-SF-30 1/2-SF-30 3/4-SF-30 1-SF-30	3N1-1/4-45 3N1-3/8-45 3N1-1/2-45 3N1-3/4-45 3N1-1-45	CK-1/4-41 CK-3/8-41 CK-1/2-41 CK-3/4-41 CK-1-41	SC-24 UNIT