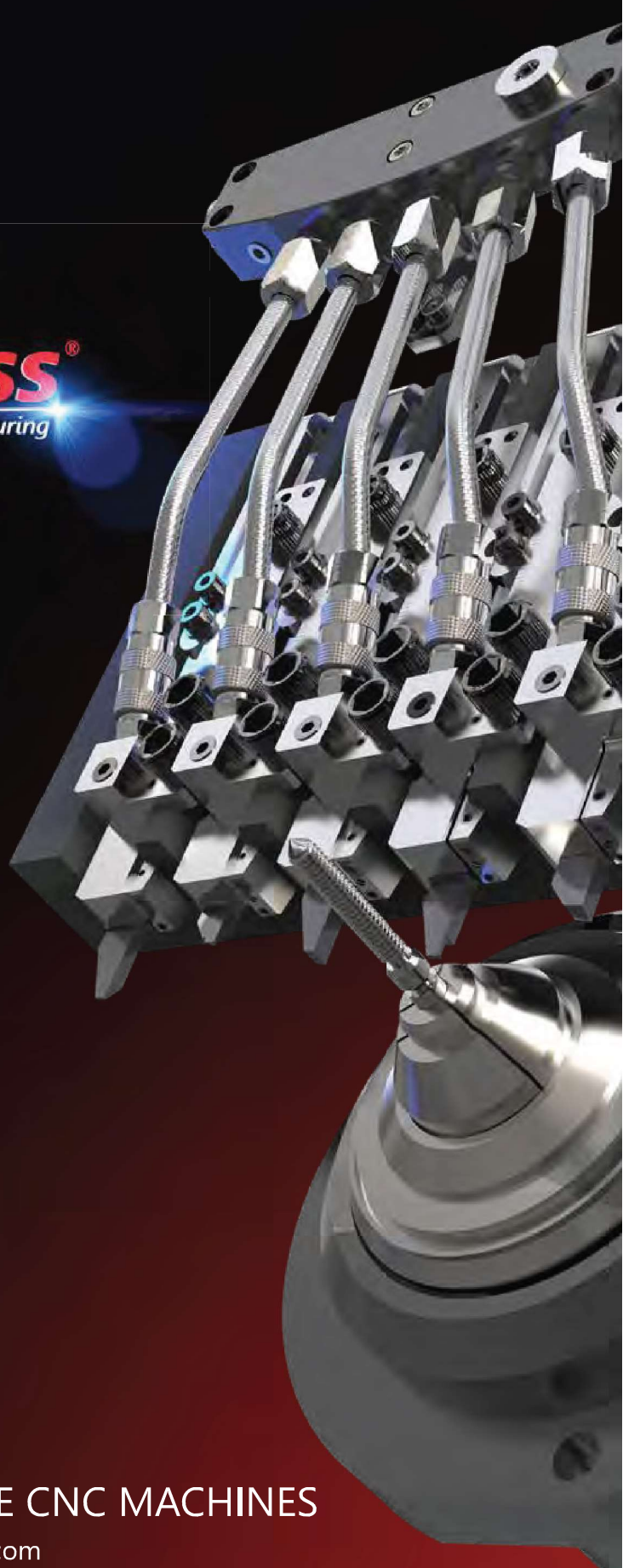




GenSwiss[®]
Advancing Small Parts Manufacturing

2019 Catalog

Version 10.19



TOOLING FOR SWISS-TYPE CNC MACHINES

www.genswiss.com



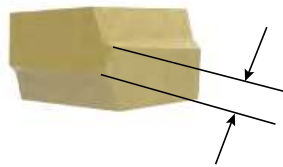
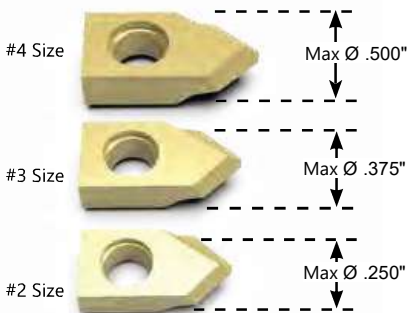
GenCut[®] Spot Drills

Highly repeatable, carbide ground inserts make old fashioned center drills obsolete for performing spotting operations. Precision ground carbide inserts repeat within +/- .0004", thus eliminating the need to adjust the axial location of the tool, unlike conventional spot tooling held by collets. The system also simplifies tool changing in that it only requires a torx wrench for insert removal. This eliminates the need for collet wrenches, reducing the chance of accidental tool breakage or personal injury.

Versatile tools that can:



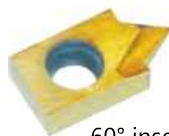
Insert Sizes:



Available Web Thickness
.005" / .015" / .036"



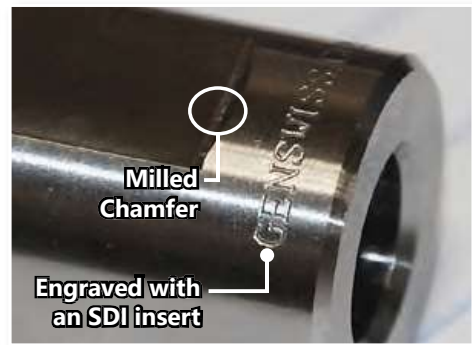
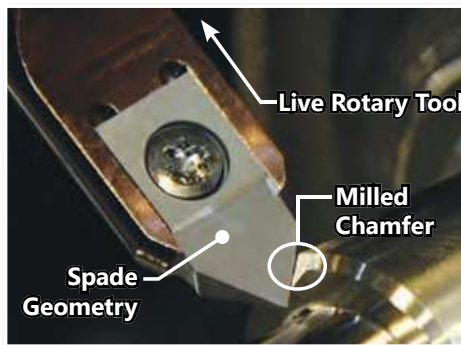
Available Drill Point Angles
60°, 82°, 90°, 120° & 140°



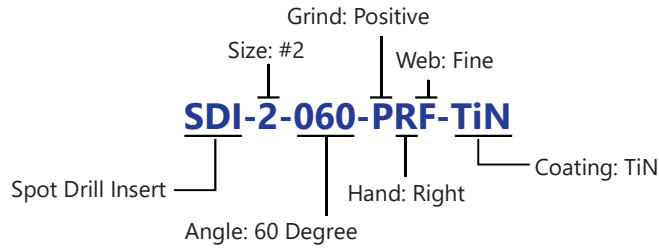
60° insert

All 60° inserts feature a radial relief grind for spotting of small holes starting with an ID of .010". Note: 60° inserts do not conform to the standard insert max Ø and are intended for micro spotting only.

Reduces the Need for Collet Wrenches During Routine Tool Changes



Example Ordering Nomenclature: SDI-2060-PRF-TiN Spot Drill Insert, #2 Size, 60 Degree Point Angle, Positive Geometry, Right Hand, (Fine).005" Web Thickness, TiN coated



Micro Grain Carbide Spot Inserts

Size	Description	Angle	Geometry Positive/Negative	Hand Right / Left	Web Thickness F-.005" / M-.015" / H-.036"	Grade
#2	SDI-2060-	60°	P	R / L	F	MG-Uncoated TiN TLN- TiAlN ATN- AlTiN
	SDI-2082-	82°	P / N	R / L	F / M / H	
	SDI-2090-	90°	P / N	R / L	F / M / H	
	SDI-2120-	120°	P / N	R / L	F / M / H	
	SDI-2140-	140°	P / N	R / L	M / H	
#3	SDI-3060-	60°	P	R / L	F	
	SDI-3082-	82°	P / N	R / L	F / M / H	
	SDI-3090-	90°	P / N	R / L	F / M / H	
	SDI-3120-	120°	P / N	R / L	F / M / H	
	SDI-3140-	140°	P / N	R / L	M / H	
#4	SDI-4082-	82°	P / N	R / L	F / M / H	
	SDI-4090-	90°	P / N	R / L	F / M / H	
	SDI-4120-	120°	P / N	R / L	F / M / H	
	SDI-4140-	140°	P / N	R / L	M / H	

Spot Drill Holders

Size	Item No.	Description	L	D
#2 Single Ended	6060-000100	SDH-2-0250-2.0	2.0"	1/4"
	6060-000103	SDH-2-0375-2.5	2.5"	3/8"
	6060-000136	SDH-2-0500-2.5	2.5"	1/2"
	6060-000129	SDH-2-0625-3.0	3.0"	5/8"
	6060-000107	SDH-2-0750-5.0	5.0"	3/4"
	Call For Details	SDH-2-0866-5.0	5.0"	22mm
	6060-000149	SDH-2-1000-5.0	5.0"	1"
#3 Single Ended	6060-000113	SDH-3-0375-3.0	3.0"	3/8"
	6060-000114	SDH-3-0500-3.0	3.0"	1/2"
	6060-000139	SDH-3-0625-5.0	5.0"	5/8"
	6060-000117	SDH-3-0750-5.0	5.0"	3/4"
	Call For Details	SDH-3-0866-5.0	5.0"	22mm
#3 Double Ended	6060-000118	SDH-3-1000-5.0	5.0"	1"
	6060-000119	SDH-3D-625-3.0	3.0"	5/8"
#4 Single Ended	Call For Details	SDH-3D-750-4.0	4.0"	3/4"
	6060-000121	SDH-4-0375-3.5	3.5"	3/8"
	6060-000124	SDH-4-0500-3.5	3.5"	1/2"
	6060-000137	SDH-4-0625-5.0	5.0"	5/8"
	6060-000127	SDH-4-0750-5.0	5.0"	3/4"
	Call For Details	SDH-4-0866-5.0	5.0"	22mm
	6060-000128	SDH-4-1000-5.0	5.0"	1"

