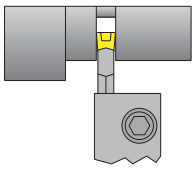
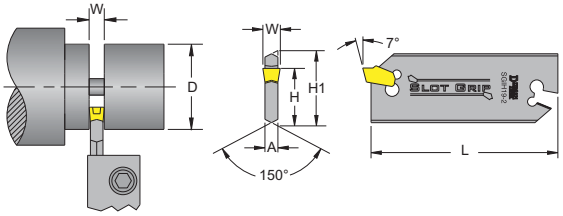
Slot Grip Cut-Off Blades

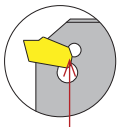
Designed for use with standard cut-off inserts and standard cut-off blade holders. The insert's cutting edge location repeats accurately and as a result prevents insert splitting under heavy feed and shock loads. The blade and insert geometry permits free chip flow, minimizing insert breakage due to chip build-up.





SLOT GRIP

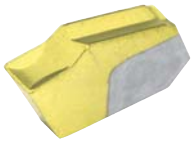
Improved design featuring a "Positive Stop". Inserts are securely held in Slot Grip Positive Stop Blades by a tapered locking system featuring a "Positive Stop" that prevents insert drift and the blade pocket from spreading once the insert is firmly in place.



Positive Stop

Desc.	Part No. 733101-	Insert Used	W		D Max		A		L		H		H 1	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
SGIH19-2	62950	SGT(N/R/L)-2	.087	2	1.57	39,9	.063	1,57	3.38	85,9	.618	15,7	0.75	19,1
SGIH26-2	62951	SGT(N/R/L)-2	.087	2	2.00	50,8	.063	1,57	4.33	110,0	.842	21,4	1.02	25,9
SGIH26-3	62952	SGT(N/R/L)-3	.122	3	3.00	76,2	.094	2,39						
SGIH26-4	62953	SGT(N/R/L)-4	.161	4	3.15	80,0	.125	3,18						
SGIH26-5	62954	SGT(N/R/L)-5	.201	5	3.15	80,0	.156	3,96						
SGIH26-6	62955	SGT(N/R/L)-6	.252	6	3.15	80,0	.203	5,16						
SGIH32-3	62956	SGT(N/RL)-3	.122	3	3.94	100,0	.094	2.39	5.90	149.9	.984	25,0	1.25	31,8
SGIH32-4	62957	SGT(N/R/L)-4	.161	4	3.94	100,0	.125	3,18						
SGIH32-5	62958	SGT(N/R/L)-5	.201	5	4.71	119,6	.156	3,96						
SGIH32-6	62959	SGT(N/R/L)-6	.252	6	4.72	119,9	.203	5,16						
SGIH32-8	62960	SGT(N/R/L)-8	.315	8	5.51	140,0	.268	6,81						
SGIH32-9	62961	SGT(N/R/L)-9	.378	9	5.51	140,0	.312	7,92						

Cut-Off & Grooving Inserts



DASK25B - (C2-C3 Substrate with PVD TiN-TiAlN-TiN coating) First Choice for High Performance Machining of all carbon and alloy steels, non-ferrous metals, aerospace titanium alloys, inconel, austenitic stainless steels, cast iron, copper/brass, with medium to high sfm, in dry or wet conditions. PVD TiN-TiAlN-TiN multi layer with micro dense coating structure builds a strong and tough cutting edge, dissipates heat, reduces thermal cracking and improves wear resistance and insert life. Maximum working temperature is 1650°F. Best used on CNC Lathes.

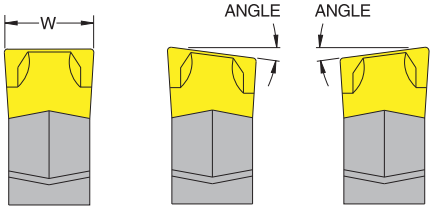
DC656 - (C5-C6 Substrate with CVD TiN/TiC-TiN coating) First Choice for general turning applications on ferrous metals and 400 series stainless steels, at medium cutting sfm and wet conditions. Multi Layer CVD carbide grade. Thermal deformation and abrasion resistant substrate with cobalt enriched periphery.

Chipbreaker Geometry

- Reduced machining force
- Controlled, coiled chip flow
- Higher material removal rate

Application

- Quickly inserted into adjustable blades
- For cut-off and grooving
- Fair for interrupted cuts



Desc.	DASK25 First Choice for High Performance Machining	DC656 First Choice for General Turning Applications	Insert Size	Lead Angle	Width + .004	
					in	mm
SGTN-2	82223	82222	2	0º	.087	2mm
SGTR-2-8	82251	82250	2	8º	.087	2mm
SGTL-2-8	82279	82278	2	8º	.087	2mm
SGTN-3	82227	82226	3	0º	.122	3mm
SGTR-3-8	82255	82254	3	8º	.122	3mm
SGTL-3-8	82283	82282	3	8º	.122	3mm
SGTN-4	82231	82230	4	0º	.161	4mm
SGTR-4-8	82259	82258	4	8º	.161	4mm
SGTL-4-8	82287	82286	4	8º	.161	4mm
SGTN-5	82235	82234	5	0º	.201	5mm
SGTR-5-8	82263	82262	5	8º	.201	5mm
SGTL-5-8	82291	82290	5	8º	.201	5mm
SGTN-6	82239	82238	6	0º	.252	6mm
SGTR-6-8	82267	82266	6	8º	.252	6mm
SGTL-6-8	82295	82294	6	8º	.252	6mm
SGTN-8	82243	82242	8	0º	.315	8mm
SGTR-8-8	82271	82270	8	8º	.315	8mm
SGTL-8-8	82299	82298	8	8º	.315	8mm
SGTN-9	82247	82246	9	0º	.378	9mm
SGTR-9-8	82275	82274	9	8º	.378	9mm
SGTL-9-8	82303	82302	9	8º	.378	9mm