



**FLASHSOLID** ECO SOLID LINE



Longer Tool Life



**Higher Speed & Feed** 







Stronger Cutting Edge



Easy Chip Evacuation



Variable pitch with 38° continuous helix to mitigate vibration, improving performance. Performs well under heavy cutting conditions, up to full slottong applications.

3 Flute, 4 flute, 5 flute, 6 flute and 7 flute available in a wide range of radius options, many relieved neck and extended flute options for deep shoulder and pocketing applications. 568 Stanadard variations in 4 flute alone!

Ball Nose available in 3,4, 5 & 6 flute. 4 & 5 Flute tools available in cylindrical and weldon shank.

V910 Tialcn PVD nanolayered structure provides excellent wear resistance and is ideal for hem (Trochoidal) operations in hardened steel (up to 60 hrc). Excellent for most materials.



ADDITIONAL DISCOUNTS ON ISCAR'S ENTIRE SOLID CARBIDE END MILL LINESFLASHSOLIDCHATTERFREESOLIDMILL





ISCAR's SUMOCHAM drill family is the next evolution of the very successful CHAMDRILL and CHAMDRILLJET families. The new family has similar features, with improved head and pocket design, no setup time, Fast Metal Removal and economical indexing. SUMOCHAM drills with indexable heads, one flat shank and internalcoolant holes. Feature 4 standard drilling head types for drilling on 4 different material groups.

The SUMOCHAM line provides a wide range of Drill Bodies, starting from 1.5 L/D drilling ratio up to 12XD.



Purchase 2 SUMOCHAM Inserts (0.236" – 1.26") And receive a **30%** discount on the corresponding Drill Body up to 12XD.



ICP / ICK / ICM/ HCP / FCP / ICG /QCP

