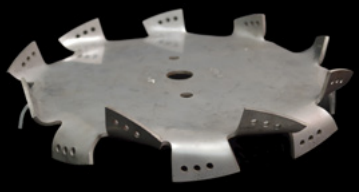
SCHOLD
DISPERSING | MILLING | MIXING

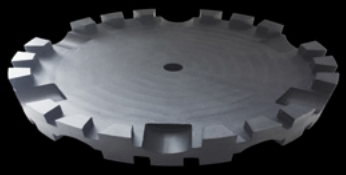
BLADE TYPES

HIGH SPEED

HIGH SHEAR
Most efficient tooth configuration for rapid dispersions due to its leading edge.



HIGH PUMPER / VANE
Perfect for mixing with minimal shear and heat build-up. Popular in mixing of coatings.



POLYBLADE
Contructed with wide variety of polymers depending on application. Useful when dispersing abrasive material.

ROTOR STATOR
Utilizes high tolerance, and mechanical shear, typically to form pre-mixes or to break down coarse slurries.

LOW SPEED

AXIAL FLOW
Most common slow speed mixing blade. Pushes the product down then out creating a rolling action.

HELICAL / SPIRAL
Moves product into "work zone" in a multi-shaft configuration by lifting or pushing downward depending on design.

BOW-TIE
Robust and efficient blade designed for mixing high viscosity materials, typically pastes and liquids.

UPRIGHTS
Excellent for moving high viscosity material in a radial direction and keeping boundary layer of batch in motion.

BETTER BLADES.

SCHOLD MANUFACTURING | 7201 W 64TH PL | CHICAGO, IL 60638 | 1-800-4MIXERS | SCHOLD.COM