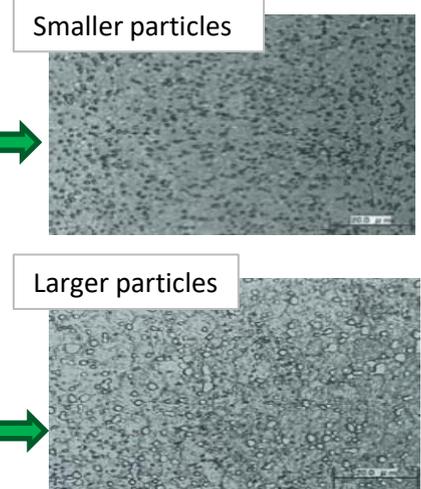


● MX-1 SHAPER CUTTER

Hybrid composition, chipping resistance as Powder HSS and wear resistance as Dissolution HSS are altogether. HSS = High Speed Steel

NAME	WEAR RESISTANCE	HEAT RESISTANCE	CHIPPING RESISTANCE	CHARACTERISTICS
MAC B				General Powder HSS which has smaller Carbide particles against those in Dissolution Hi Speed Steel. It has higher chipping resistance with lower wear resistance due to the fine carbide particles.
MAC D				
MAC L				
MX-1				Larger carbide particles lead higher wear resistance with higher chipping resistance.

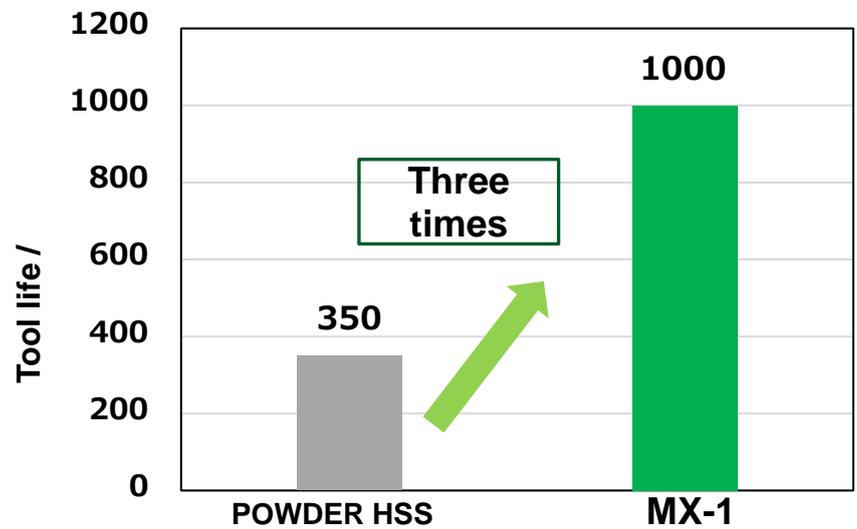


● Applications

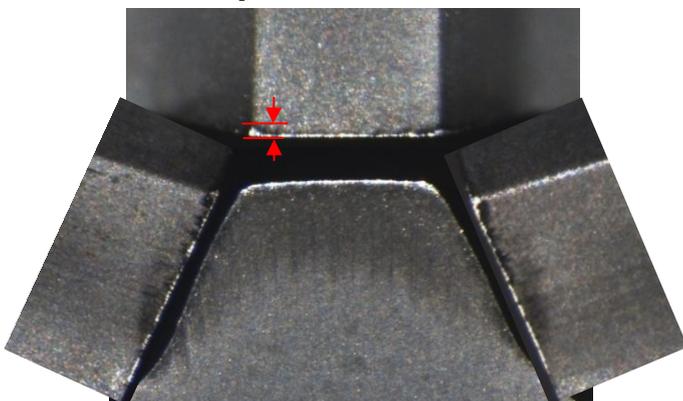
<Workpiece>
Module 1.3, PA30, Spur, NT30,
Carburized steel

<Cutter>
Outer dia. 30mm NT20
MX-1 with SuperDry PVD COAT

<Cutting Conditions>
Strokes 850/920 str/min
Circumference feed 1.5/0.5 mm/str
Radius feed 0.020/0.012 mm/str

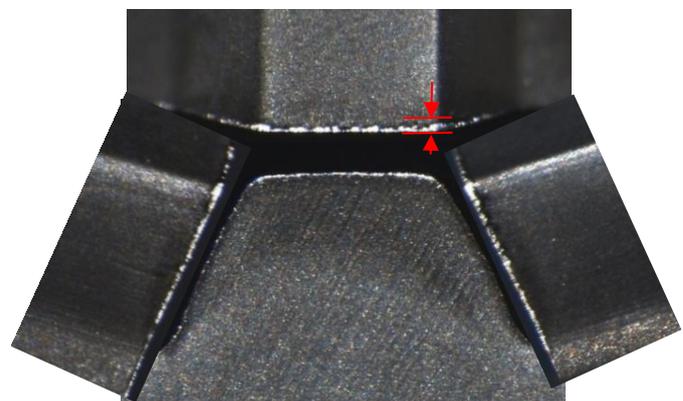


350 pcs / wear 0.06mm



Powder HSS /Competitor

1000 pcs / wear 0.06mm



MX-1