

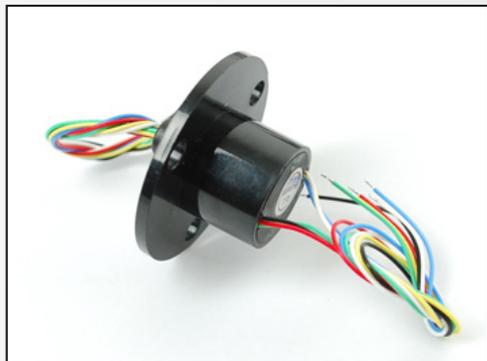


Slip Rings: GEN3SYS® XT

The customer manufactures slip rings for the oil and gas industry out of 4140 steel (28-32 Rc) on a Mazak Integrex.

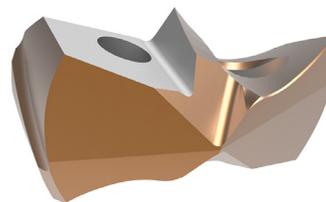
The customer was unhappy with the process, and they asked Allied for a solution to improve productivity.

The **GEN3SYS XT** drill drastically improved both time and cost per hole savings.



		Measure	Competitor	GEN3SYS XT
Product:	GEN3SYS® XT			
Objectives:	Improve process			
Industry:	Oil & gas/petrochemical			
Part:	Slip rings			
Material:	4140 steel			
Hole Ø:	0.4331" (11.001 mm)			
Hole Depth:	0.6000" (15.24 mm)			
		Speed	40 SFM (12.192 M/min)	351 SFM (106.985 M/min)
		Penetration Rate	1.76 IPM (44.704 mm/min)	18.60 IPM (472.44 mm/min)
		Cycle Time	20.45 sec	1.94 sec
		Tool Life	500" (12.7M)	5040" (128.016 M)
GEN3SYS XT offered 89% cost per hole savings compared to competitor tooling.				

- ▶ GEN3SYS® XT insert
Item No. 7C111P-11
- ▶ GEN3SYS® XT insert holder
Item No. 60311S-063F



908% tool life increase

The GEN3SYS® XT provided:

- ✓ Increased tool life
- ✓ Decreased cycle time
- ✓ Decreased cost per hole

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