



## NEW RANGE OF MILLING CUTTERS WITH HELICAL CUTTING EDGES FOR ADMX 16 INSERTS

Our successful Force AD range of shoulder milling cutters has been expanded with the addition of helical milling cutters using the ADMX 16 inserts. We now offer a complete range of tools for this insert.

### NEW PRODUCTS

- New productive helical end mills for roughing
- A wide range of new milling cutters: End mills diameters 2.00-3.00 inches and shell end mills diameters 2.00-4.00 inches
- Suitable for medium machining all materials including, cast iron, stainless steels and aluminium alloys

### BENEFITS

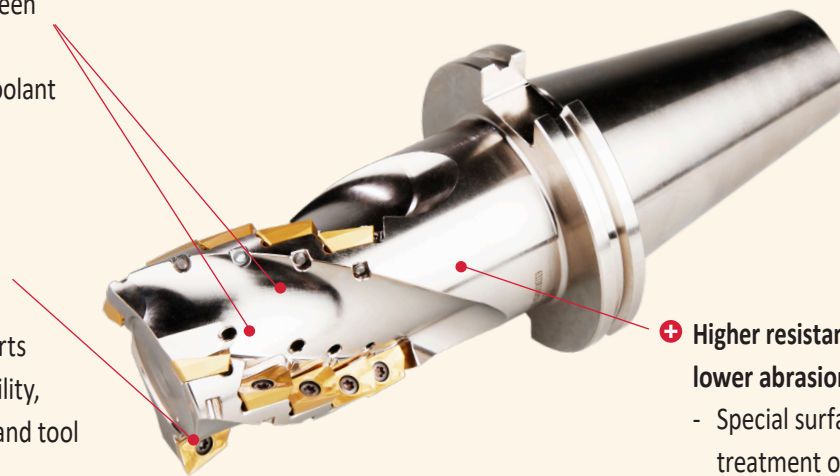
- **Higher metal removal rates** with a depth of cut up to 4.13 inches
- **Reduced noise and vibration**
- **Reliable** chip evacuation from the cutting zone, even for large cutting depths
- **Compact range** of tools for the ADMX 16 inserts (the same insert type can be used for several milling cutters and applications)
- **Versatile** milling tool for a wide range of applications. Main operations: Contouring, grooving, shoulder milling.

#### + Safer and easier chip evacuation

- Large clearance between teeth
- Internal delivery of coolant

#### + Highly reliable clamping

- Axial support for inserts increases milling stability, reducing both insert and tool wear



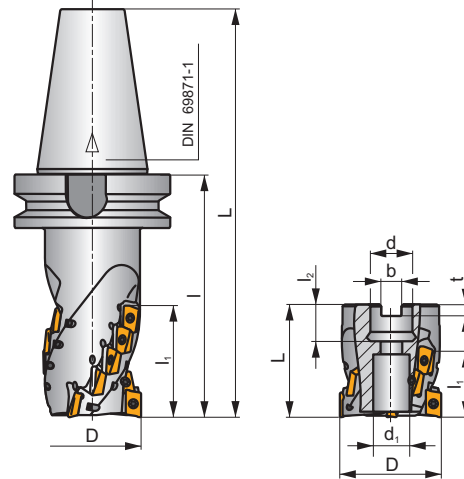
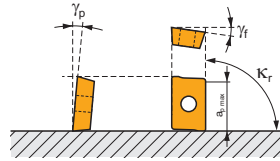
#### + Higher resistance to corrosion, lower abrasion of the tool

- Special surface treatment of the body – nickel plating

## J(T)-ISAD16E



$\kappa_r$	90°
$a_{pmax}$	1.63 - 4.27 inch



ISO	D	L	d	d <sub>1</sub>	l	l <sub>1</sub>	l <sub>2</sub>	$\gamma_f^\circ$	$\gamma_p^\circ$	Z	ZN	$a_{pmax}$									
200T03R-IS90AD16E163-C	2.00	2.76	.75	.63	-	1.63	.79	-7	11	3	9	-	-	3	9	-	13200	✓	2.44	IGI165	ISQ033
250T04R-IS90AD16E163-C	2.50	2.76	1.00	.83	-	1.63	.91	-6	12	4	12	-	-	4	12	✓	11700	✓	3.31	IGI165	ISQ034
250T04R-IS90AD16E268-C	2.50	3.94	1.00	.83	-	2.69	.91	-6	12	4	20	2.55	-	4	20	✓	11700	✓	4.10	IGI165	ISQ034
300T04R-IS90AD16E217-C	3.00	3.35	1.25	1.06	-	2.16	1.02	-5	12	4	16	2.02	-	4	16	✓	10400	✓	5.64	IGI165	ISQ035
300T04R-IS90AD16E315-C	3.00	4.52	1.25	1.06	-	3.22	1.02	-5	12	4	24	3.08	-	4	24	✓	10400	✓	6.99	IGI165	ISQ035
400T05R-IS90AD16E315-C	4.00	4.72	1.50	1.26	-	3.22	1.00	-4	12	5	30	3.08	-	5	30	✓	9300	✓	12.63	IGI165	ISQ036
200J3R394CA50-ISAD16E213	2.00	7.94	-	-	3.94	2.16	-	-7	11	3	12	2.02	50	3	12	-	13200	✓	11.64	IGI165	ISQ031
200J3R551CA50-ISAD16E315	2.00	9.52	-	-	5.51	3.22	-	-7	11	3	18	3.08	50	3	18	-	13200	✓	12.30	IGI165	ISQ031
250J3R551CA50-ISAD16E268	2.50	9.52	-	-	5.51	2.69	-	-6	12	3	15	2.55	50	3	15	-	11700	✓	13.66	IGI165	ISQ031
250J3R610CA50-ISAD16E374	2.50	9.52	-	-	5.51	3.74	-	-6	12	3	15	3.60	50	3	15	-	11700	✓	14.30	IGI165	ISQ031
300J4R650CA50-ISAD16E425	3.00	10.50	-	-	6.50	4.27	-	-6	12	4	32	4.13	50	4	32	✓	10400	✓	17.38	IGI165	ISQ031

IGI165	ADMX 1606..	ADEX 1606..

ISQ031	US 4011-T15P	3.5	M 4	.430	D-T08P/T15P	FG-15	-
ISQ033	US 4011-T15P	3.5	M 4	.430	D-T08P/T15P	FG-15	HS 037100
ISQ034	US 4011-T15P	3.5	M 4	.430	D-T08P/T15P	FG-15	HS 050125
ISQ035	US 4011-T15P	3.5	M 4	.430	D-T08P/T15P	FG-15	HS 062125
ISQ036	US 4011-T15P	3.5	M 4	.430	D-T08P/T15P	FG-15	HS 075125