

KORLOY NOTICE

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{ Korloy is launching a new **O-Ring cutter** }

Product

- ORC, ORG

Features

- Optimized for grooving the seat of an O-Ring for preventing water leaks in a plastic mold.
- Guarantees superior surface roughness compared to HSS and brazed tool.
- High productivity with optimized grade for high speed machining.
- Reduces time for regrinding and tool alignment.

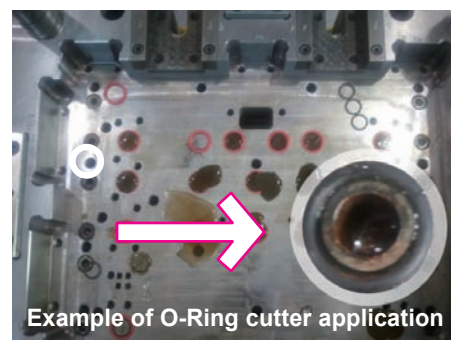


Code system




Recommended cutting condition and application example



Workpiece	fz(mm/t)	vc(m/min)
		Coating PC3500
Stainless Steel	0.03~0.12	60~130
Carbon Steel	0.05~0.15	80~150
Alloy Steel	0.05~0.15	80~150
Hardened Steel	0.03~0.12	60~130



Insert

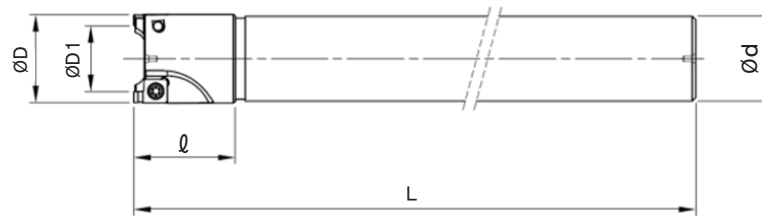
Cutter	Insert 	Coating PC3500
ORC-P08~P10	ORG265	●
ORC-P11~P22	ORG325	●
ORC-P24~P40	ORG470	●
ORC-G25~G40	ORG405	●

Parts

Cutter	Screw 	Wrench 
ORC-P08~P22	FTKA0307	TW09S
ORC-P24~P40	FTGA03508	TW15S
ORC-G25~G40	FTGA03508	TW15S

Designation

- O-Ring Cutter



Designation	Stock	Tooth	ØD	ØD1	Ød	ℓ	L	Insert	O-Ring
ORC-P08		1	11.0	5.7	16	30	150	ORG265	P08
ORC-P09		1	12.0	6.7	16	30	150	ORG265	P09
ORC-P10	●	1	13.0	7.7	16	30	150	ORG265	P10
ORC-P11		1	15.0	8.5	16	30	150	ORG325	P11
ORC-P12	●	2	16.0	9.5	16	30	200	ORG325	P12
ORC-P14	●	2	18.0	11.5	20	30	200	ORG325	P14
ORC-P15	●	2	19.0	12.5	20	30	200	ORG325	P15
ORC-P16	●	2	20.0	13.5	20	30	200	ORG325	P16
ORC-P18	●	2	22.0	15.5	20	30	200	ORG325	P18
ORC-P20	●	2	24.0	17.5	25	30	200	ORG325	P20
ORC-P21		2	25.0	18.5	25	30	200	ORG325	P21
ORC-P22	●	2	26.0	19.5	25	30	200	ORG325	P22
ORC-P24		2	30.0	20.6	32	40	250	ORG470	P24
ORC-P25	●	2	31.0	21.6	32	40	250	ORG470	P25
ORC-P26		2	32.0	22.6	32	40	250	ORG470	P26
ORC-P28		2	34.0	24.6	32	40	250	ORG470	P28
ORC-P29		2	35.0	25.6	32	40	250	ORG470	P29
ORC-P30		2	36.0	26.6	32	40	250	ORG470	P30
ORC-P31		2	37.0	27.6	32	40	250	ORG470	P31
ORC-P32		2	38.0	28.6	32	40	250	ORG470	P32
ORC-P34		2	40.0	30.6	42	40	250	ORG470	P34
ORC-P35		2	41.0	31.6	42	40	250	ORG470	P35
ORC-P38		2	44.0	34.6	42	40	250	ORG470	P38
ORC-P40		2	46.0	36.6	42	40	250	ORG470	P40
ORC-G25		2	30.0	21.9	32	40	250	ORG405	G25
ORC-G30		2	35.0	26.9	32	40	250	ORG405	G30
ORC-G35		2	40.0	31.9	42	40	250	ORG405	G35
ORC-G40		2	45.0	36.9	42	40	250	ORG405	G40

- Special cutters are available for quotation.