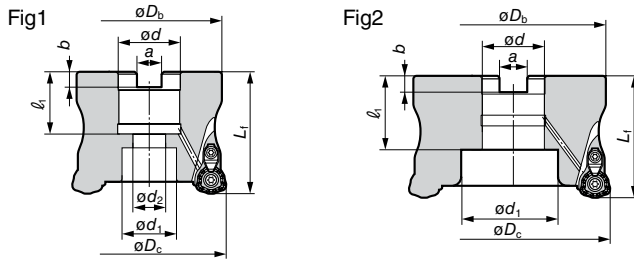


# MSX08000R/12000R/14000R Type

Rake Angle	Radial Axial	-3° to -8°	1.5mm 20°	2.0mm 20°	2.5mm 20°	<b>P</b> Steel	<b>M</b> Stainless Steel	<b>K</b> Cast Iron	<b>N</b> Non-Ferrous Metal	<b>S</b> Exotic Alloy	<b>H</b> Hardened Steel
			(08000 Type)	(12000 Type)	(14000 Type)						

## High Efficiency Machining for Steel, Cast Iron, and Stainless Steel



### Body (MSX08000) Insert: WDMT08 Type

Metric

Cat. No.	Stock	Dimensions (mm)									No. of Teeth	Weight (kg)	Fig
		øD <sub>c</sub>	øD <sub>b</sub>	L <sub>1</sub>	ød	a	b	l <sub>1</sub>	ød <sub>1</sub>	ød <sub>2</sub>			
MSX 08040RS	●	40	37	45	16	8.4	5.6	18	13.5	9	4	0.2	1

### Body (MSX12000) Insert: WDMT12 Type

Metric

MSX 12050RS	●	50	47	50	22	10.4	6.3	20	18	11	4	0.3	1
12063RS	●	63	60	50	22	10.4	6.3	20	18	11	5	0.6	1

### Body (MSX14000) Insert: WDMT14 Type

Metric	Cat. No.	Stock	Dimensions (mm)									No. of Teeth	Weight (kg)	Fig
			øD <sub>c</sub>	øD <sub>b</sub>	L <sub>1</sub>	ød	a	b	l <sub>1</sub>	ød <sub>1</sub>	ød <sub>2</sub>			
Metric	MSX 14050RS	●	50	47	50	22	10.4	6.3	20	17	11	3	0.3	1
	14063RS	●	63	60	50	22	10.4	6.3	20	18	11	4	0.6	1
	14080RS	●	*80	76	63	27	12.4	7.0	25	20	13.5	5	1.4	1
	14100RS	●	*100	96	63	32	14.4	8.5	32	44	—	6	2.2	2
Imperial	MSX 14080R	●	*80	76	63	31.75	12.7	8.0	32	28	17	5	1.3	1
	14100R	●	*100	96	63	31.75	12.7	8.0	32	28	17	6	2.4	1

Inserts are not included.



\*Please use JISB1176 hexagonal bolt (ø80: M12 x 30-35mm, ø100: M16 x 40-45mm) for securing the ø80 or ø100 cutter to the arbour.

### Inserts

### Identification Details

# MSX 08 040 R S

(1) Cutter Series (2) Insert Size (3) Cutter (4) Direction (5) Metric Bore

**P** Steel **M** Stainless Steel **K** Cast Iron **N** Non-Ferrous Metal **S** Exotic Alloy **H** Hardened Steel

Application	Grade		Coated Carbide				Dimensions (mm)			Applicable Body
	High Speed/Light	General Purpose	ACP200	ACP300	ACK200	ACK300	ød	s	r <sub>ε</sub>	
Roughing	<b>P</b>	<b>M</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>				
	<b>P</b>	<b>M</b>	<b>K</b>	<b>K</b>	<b>K</b>	<b>K</b>				
Usage	Cat. No.		ACP200	ACP300	ACK200	ACK300	Dimensions (mm)			Applicable Body
General Purpose	WDMT 0804ZDTR		●	●	●	●	8.5	4.0	2.0	
	1205ZDTR		●	●	●	●	12	5.0	2.0	MSX12000R Type
	1406ZDTR		●	●	●	●	14	6.0	2.0	MSX14000R Type
Strong Edged	WDMT 0804ZDTR-H		●	●	●	●	8.5	4.0	2.0	MSX08000R Type
	1205ZDTR-H		●	●	●	●	12	5.0	2.0	MSX12000R Type
	1406ZDTR-H		●	●	●	●	14	6.0	2.0	MSX14000R Type

### Spare Parts

Screws	Spanner	Clamp	C Ring	Clamp Screw	Applicable Body
 BFTX0306IP <b>2.0</b>  TRDR08IP  CCH3.5  CR03  BFTX03510IP08 BFTX0409IP <b>3.0</b> TRDR15IP CCH3.5 CR03 BFTX03510IP15 BFTX0511IP <b>5.0</b> TRDR20IP CCH4.5 CR03 BFTX04513IP20					

**N·m** Recommended Tightening Torque (N·m)

### Recommended Cutting Conditions

**H65**