



# Midas Rex<sup>®</sup> Microsaws

THE COMPLETE SOLUTION



- RECIPROCATING
- SAGITTAL
- OSCILLATING

# The Midas Rex<sup>®</sup> of Microsaws

## Reliability and Performance You Can Trust

Midas Rex<sup>®</sup> Microsaws offer maximum reliability and performance with minimum vibration. These electric microsaws provide the power you need to perform osteotomies with great precision and control. Designed with guidance from dozens of surgeons in seven specialties, these saws were engineered for an exceptionally wide variety of neurosurgical, craniofacial, spinal, and orthopedic procedures.



### Integrated On-Saw Irrigation

- Adjustable and extendable nozzle directs flow precisely
- Once clipped to saw handpiece, the nozzle stays in place
- IntelliFlow™ remote control adjusts the flow rate
- Frees a hand for other uses, such as holding a retractor or suction



## Innovative, Precise Blades

- Many blades are only 0.3 mm (0.010") thick — one-third thinner than any other blades on the market
- Blades are designed and manufactured to minimize breakage and not to dull prematurely
- Teeth are laser-cut, not stamped
- Small "arms" hold the blade in place during attachment to the oscillating saw
- Packaging is color-coded to match red, yellow, and blue rings on the saws



### ERGONOMIC DESIGN

*With a textured grip and proper balance, Midas Rex® Microsaws rest in your hand and allow maximum control*



Integrated Power Console (IPC® System)

### Easy to Use

- Powered by the proven IPC® System, relied upon by surgeons and OR staff worldwide
- Color-coded handpieces, blades, and connectors for easy set-up
- Three foot-controlled and three finger-controlled handpieces

# Versatile Handpieces

FINGER-CONTROLLED



● ES110 Oscillating Saw



● ES210 Reciprocating Saw



● ES310 Sagittal Saw

FOOT-CONTROLLED



● ES100 Oscillating Saw



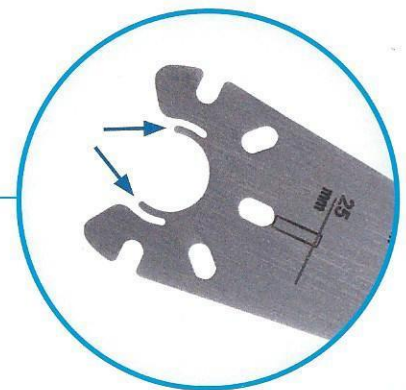
● ES200 Reciprocating Saw



● ES300 Sagittal Saw

NO MORE DROPPED BLADES

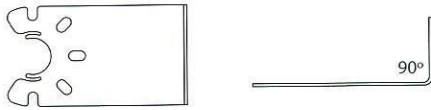
*Small arms on the oscillating blades prevent them from falling during loading*



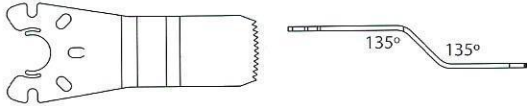
**Medtronic**

# Blade Ordering Information

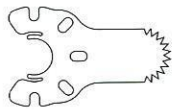
## SAGITTAL OSCILLATING



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
80SB150-04F	0.4 mm (0.015")	15.0 mm	8.0 mm	Fine



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
110SB95-06F-BAY	0.6 mm (0.025")	9.5 mm	11.0 mm	Fine



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
110S58-03-ARC	0.3 mm (0.010")	5.8 mm	11.0 mm	Coarse

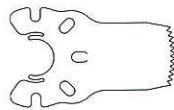


Part Number	Thickness	Cut Edge	Cut Depth	Teeth
110S58-03	0.3 mm (0.010")	5.8 mm	11.0 mm	Coarse



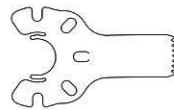
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
115S55-04F	0.4 mm (0.015")	5.5 mm	11.5 mm	Fine

Part Number	Thickness	Cut Edge	Cut Depth	Teeth
115S55-05F	0.5 mm (0.020")	5.5 mm	11.5 mm	Fine



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
115S90-04F	0.4 mm (0.015")	9.0 mm	11.5 mm	Fine

Part Number	Thickness	Cut Edge	Cut Depth	Teeth
115S90-05F	0.5 mm (0.020")	9.0 mm	11.5 mm	Fine



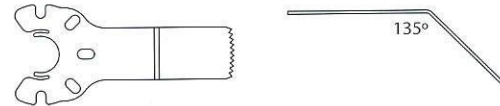
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
120S55-04F	0.4 mm (0.015")	5.5 mm	12.0 mm	Fine



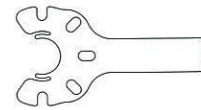
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
120S97-03F	0.3 mm (0.010")	9.7 mm	12.0 mm	Fine

Part Number	Thickness	Cut Edge	Cut Depth	Teeth
120S97-04F	0.4 mm (0.015")	9.7 mm	12.0 mm	Fine

## SAGITTAL OSCILLATING

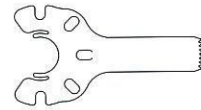


Part Number	Thickness	Cut Edge	Cut Depth	Teeth
130SB68-04F	0.4 mm (0.015")	6.8 mm	13.0 mm	Fine

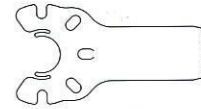


Part Number	Thickness	Cut Edge	Cut Depth	Teeth
150S40-03F	0.3 mm (0.010")	4.0 mm	15.0 mm	Fine

Part Number	Thickness	Cut Edge	Cut Depth	Teeth
150S40-04F	0.4 mm (0.015")	4.0 mm	15.0 mm	Fine

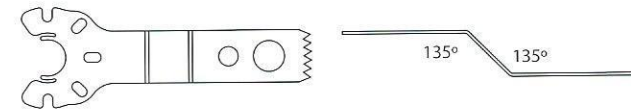


Part Number	Thickness	Cut Edge	Cut Depth	Teeth
150S45-04F	0.4 mm (0.015")	4.5 mm	15.0 mm	Fine

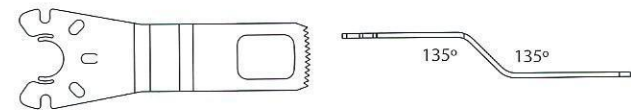


Part Number	Thickness	Cut Edge	Cut Depth	Teeth
150S70-04F	0.4 mm (0.015")	7.0 mm	15.0 mm	Fine

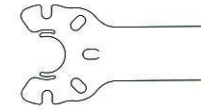
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
150S70-05F	0.5 mm (0.020")	7.0 mm	15.0 mm	Fine



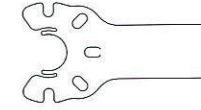
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
160SB68-04F-BAY	0.4 mm (0.015")	6.8 mm	16.0 mm	Fine



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
160SB90-06F-BAY	0.6 mm (0.025")	9.0 mm	16.0 mm	Fine



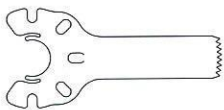
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
170S70-04F	0.4 mm (0.015")	7.0 mm	17.0 mm	Fine



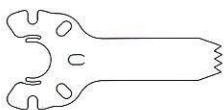
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
170S70-06	0.6 mm (0.025")	7.0 mm	17.0 mm	Coarse

**SAGITTAL**

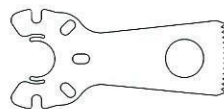
**OSCILLATING**



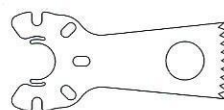
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
180S55-04F	0.4 mm (0.015")	5.5 mm	18.0 mm	Fine
180S55-05F	0.5 mm (0.020")	5.5 mm	18.0 mm	Fine



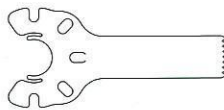
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
180S55-04	0.4 mm (0.015")	5.5 mm	18.0 mm	Coarse
180S55-05	0.5 mm (0.020")	5.5 mm	18.0 mm	Coarse



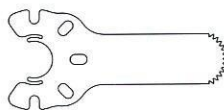
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
180S102-03F	0.3 mm (0.010")	10.2 mm	18.0 mm	Fine
180S102-04F	0.4 mm (0.015")	10.2 mm	18.0 mm	Fine



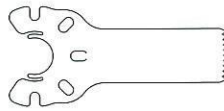
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
180S102-03	0.3 mm (0.010")	10.2 mm	18.0 mm	Coarse
180S102-04	0.4 mm (0.015")	10.2 mm	18.0 mm	Coarse



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185S55-04F	0.4 mm (0.015")	5.5 mm	18.5 mm	Fine



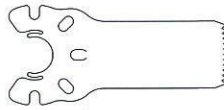
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185S65-04F-ARC	0.4 mm (0.015")	6.5 mm	18.5 mm	Fine
185S65-05F-ARC	0.5 mm (0.020")	6.5 mm	18.5 mm	Fine



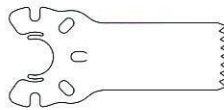
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185S70-05F	0.5 mm (0.020")	7.0 mm	18.5 mm	Fine

**SAGITTAL**

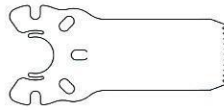
**OSCILLATING**



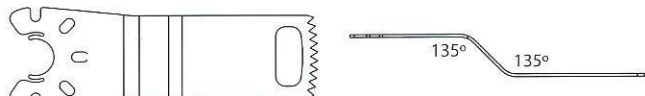
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185S90-04F	0.4 mm (0.015")	9.0 mm	18.5 mm	Fine
185S90-05F	0.5 mm (0.020")	9.0 mm	18.5 mm	Fine



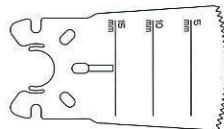
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185S90-04	0.4 mm (0.015")	9.0 mm	18.5 mm	Coarse



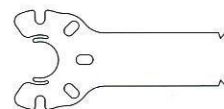
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185S95-04F	0.4 mm (0.015")	9.5 mm	18.5 mm	Fine



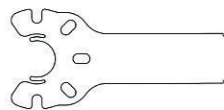
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185SB110-04-BAY	0.4 mm (0.015")	11.0 mm	18.5 mm	Coarse



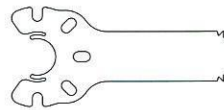
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
185S165-04F	0.4 mm (0.015")	16.5 mm	18.5 mm	Fine
185S165-05F	0.5 mm (0.020")	16.5 mm	18.5 mm	Fine



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
200S58-03-ARC	0.3 mm (0.010")	5.8 mm	20.0 mm	Coarse
200S58-04-ARC	0.4 mm (0.015")	5.8 mm	20.0 mm	Coarse



Part Number	Thickness	Cut Edge	Cut Depth	Teeth
200S65-04F-ARC	0.4 mm (0.015")	6.5 mm	20.0 mm	Fine



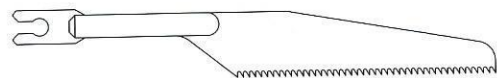
Part Number	Thickness	Cut Edge	Cut Depth	Teeth
200S65-06-ARC	0.6 mm (0.025")	6.5 mm	20.0 mm	Coarse

# Blade Ordering Information

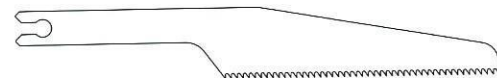
## RECIPROCATING



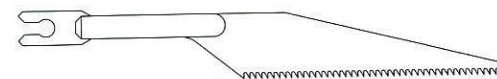
Part Number	Thickness	Cut Edge	Teeth
R250-03	0.3 mm (0.010")	25.0 mm	Coarse
R250-04	0.4 mm (0.015")	25.0 mm	Coarse



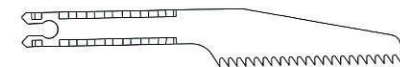
Part Number	Thickness	Cut Edge	Teeth
R340-04F	0.4 mm (0.015")	34.0 mm	Fine



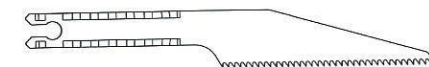
Part Number	Thickness	Cut Edge	Teeth
R340-06F	0.6 mm (0.025")	34.0 mm	Fine



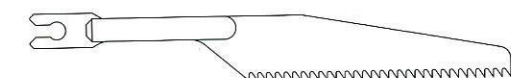
Part Number	Thickness	Cut Edge	Teeth
R340-04F-PT	0.4 mm (0.015")	34.0 mm	Fine



Part Number	Thickness	Cut Edge	Teeth
R254-03	0.3 mm (0.010")	25.4 mm	Coarse
R254-04	0.4 mm (0.015")	25.4 mm	Coarse



Part Number	Thickness	Cut Edge	Teeth
R254-03F	0.3 mm (0.010")	25.4 mm	Fine
R254-04F	0.4 mm (0.015")	25.4 mm	Fine



Part Number	Thickness	Cut Edge	Teeth
R390-04	0.4 mm (0.015")	39.0 mm	Coarse

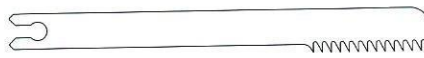


Part Number	Thickness	Cut Edge	Teeth
R390-06	0.6 mm (0.025")	39.0 mm	Coarse

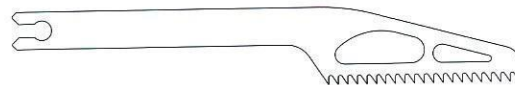


Part Number	Thickness	Cut Edge	Teeth
333R150-05	0.5 mm (0.020")	15.0 mm	Coarse

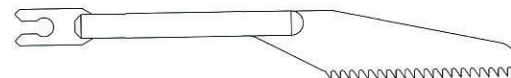
## RECIPROCATING



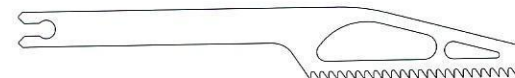
Part Number	Thickness	Cut Edge	Teeth
333R150-06	0.6 mm (0.025")	15.0 mm	Coarse



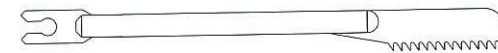
Part Number	Thickness	Cut Edge	Teeth
411R231-06	0.6 mm (0.025")	23.1 mm	Coarse



Part Number	Thickness	Cut Edge	Teeth
422R231-05	0.5 mm (0.020")	23.1 mm	Coarse



Part Number	Thickness	Cut Edge	Teeth
452R277-06	0.6 mm (0.025")	27.7 mm	Coarse



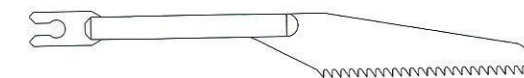
Part Number	Thickness	Cut Edge	Teeth
455R150-05	0.5 mm (0.020")	15.0 mm	Coarse



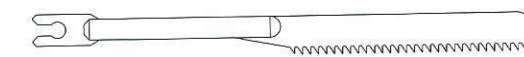
Part Number	Thickness	Cut Edge	Teeth
455R277-05	0.5 mm (0.020")	27.7 mm	Coarse



Part Number	Thickness	Cut Edge	Teeth
460R277-06	0.6 mm (0.025")	27.7 mm	Coarse



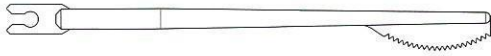
Part Number	Thickness	Cut Edge	Teeth
467R277-05	0.5 mm (0.020")	27.7 mm	Coarse



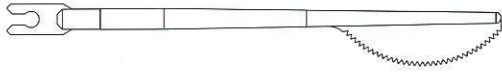
Part Number	Thickness	Cut Edge	Teeth
523R345-05	0.5 mm (0.020")	34.5 mm	Coarse
523R345-06	0.6 mm (0.025")	34.5 mm	Coarse



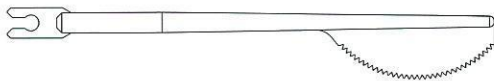
## RECIPROCATING



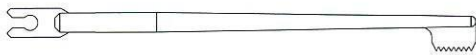
Part Number	Thickness	Cut Edge	Teeth
528R163-05F	0.5 mm (0.020")	16.3 mm	Fine
528R163-06F	0.6 mm (0.025")	16.3 mm	Fine



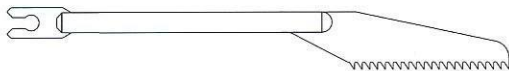
Part Number	Thickness	Cut Edge	Teeth
528R231-05	0.5 mm (0.020")	23.1 mm	Fine
528R231-06	0.6 mm (0.025")	23.1 mm	Fine



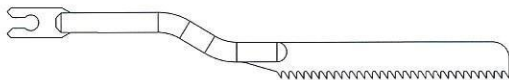
Part Number	Thickness	Cut Edge	Teeth
528R231-05-DP	0.5 mm (0.020")	23.1 mm	Fine
528R231-06-DP	0.6 mm (0.025")	23.1 mm	Fine



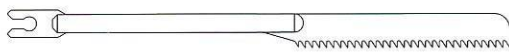
Part Number	Thickness	Cut Edge	Teeth
528R69-05-TB	0.5 mm (0.020")	6.9 mm	Fine
528R69-06-TB	0.6 mm (0.025")	6.9 mm	Fine



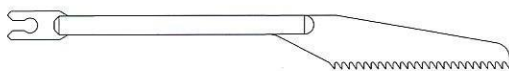
Part Number	Thickness	Cut Edge	Teeth
549R231-05	0.5 mm (0.020")	23.1 mm	Coarse



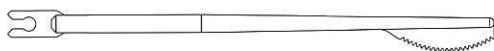
Part Number	Thickness	Cut Edge	Teeth
561R345-05-BAY	0.5 mm (0.020")	34.5 mm	Coarse
561R345-06-BAY	0.6 mm (0.025")	34.5 mm	Coarse



Part Number	Thickness	Cut Edge	Teeth
582R277-05	0.5 mm (0.020")	27.7 mm	Coarse



Part Number	Thickness	Cut Edge	Teeth
594R277-05	0.5 mm (0.020")	27.7 mm	Coarse
594R277-06	0.6 mm (0.025")	27.7 mm	Coarse

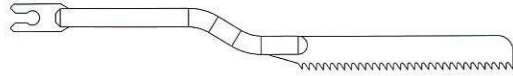


Part Number	Thickness	Cut Edge	Teeth
625R163-05F	0.5 mm (0.020")	16.3 mm	Fine

## RECIPROCATING



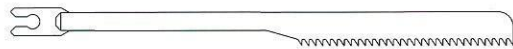
Part Number	Thickness	Cut Edge	Teeth
625R231-05	0.5 mm (0.020")	23.1 mm	Fine



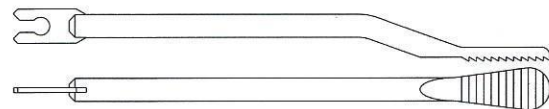
Part Number	Thickness	Cut Edge	Teeth
625R345-05-BAY	0.5 mm (0.020")	34.5 mm	Coarse



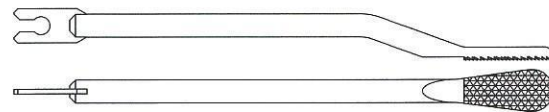
Part Number	Thickness	Cut Edge	Teeth
625R69-05-TB	0.5 mm (0.020")	6.9 mm	Fine



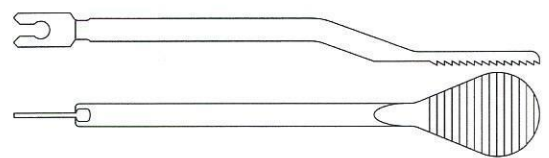
Part Number	Thickness	Cut Edge	Teeth
650R345-05	0.5 mm (0.020")	34.5 mm	Coarse



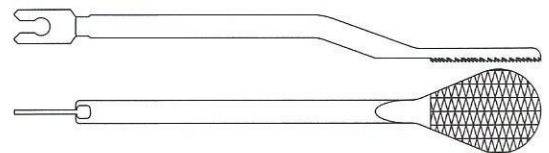
Part Number	Width	Pattern
RASP-ST-1	5.6 mm	Straight



Part Number	Width	Description
RASP-CC-1	5.6 mm	Crosscut



Part Number	Width	Description
RASP-ST-2	11.2 mm	Straight



Part Number	Width	Description
RASP-CC-2	11.2 mm	Crosscut

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## Ordering Information

Product #	Description	Product #	Description
ES100	Oscillating Saw, Foot-Controlled	IRD410	Irrigation Disposable, Foot-Controlled
ES200	Reciprocating Saw, Foot-Controlled	IRD420	Irrigation Disposable, Finger-Controlled
ES300	Sagittal Saw, Foot-Controlled	EA130	3-Saw Instrument Case
ES110	Oscillating Saw, Finger-Controlled	EA120	1-Saw Instrument Case
ES210	Reciprocating Saw, Finger-Controlled	EK001	Integrated Power Console (IPC <sup>®</sup> ) System Kit
ES310	Sagittal Saw, Finger-Controlled	EK011	IPC System Kit with Cart

RX only. For details on indications for use, risks and precautions, please consult [www.medtronicneurosurgery.com](http://www.medtronicneurosurgery.com)

For more information, contact your Medtronic NS sales representative or refer to [www.MedtronicNeurosurgery.com](http://www.MedtronicNeurosurgery.com).



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