

# THE NEXT GENERATION OF MINIMASTER

# MINIMASTER<sup>®</sup> PLUS

**FREE TORQUE WRENCH**  
WITH MINIMUM PURCHASE

Minimaster<sup>®</sup> Plus features a precision taper face connection; using the torque wrench ensures correct torque value for precise insert seating.



## THE FEATURES OF MINIMASTER PLUS

- High performance geometries
- Multiple shank styles and lengths
- Internal through coolant available
- Long tool life and high productivity
- Many insert styles and sizes
- Excellent performance in all workpiece materials
- Radial run-out within .0006" (15µm)
- Setting length variation when changing inserts within .001" (25µm)

**SECO**

# EXCELLENT PERFORMANCE & SAVINGS!

This promotion provides an exceptional value on a new Minimaster™ Plus milling system. When you purchase a minimum of eight inserts and one shank at regular price, receive one free torque wrench. See the chart below for the available inch range of inserts and shanks.

## MP10 – .375" dia.

EDP	Insert description	F40M	MP3000
Three flutes			
67090	MP10-0.375R016Z3-E03	•	
45245	MP10-0.375R016Z3-M03		•
67093	MP10-0.375R031Z3-E03	•	
45246	MP10-0.375R031Z3-M03		•
45247	MP10-0.375R063Z3-E03	•	
45248	MP10-0.375R122Z3-E03	•	
Four flutes			
45262	MP10-0.375R016Z4-E02	•	
67091	MP10-0.375R016Z4-M02		•
45263	MP10-0.375R031Z4-E02	•	
67094	MP10-0.375R031Z4-M02		•
Five flutes			
67092	MP10-0.375R016Z5-M02		•
Ballnose			
69553	MP10-0.375B90Z3-E03	•	
45293	MP10-0.375B90Z3-M03		•
Wrench for MP10 insert			
67610	MP00-095.080	Free	

EDP	Shank description	dm <sub>m</sub>	L
Shanks for MP10 insert			
44988	MP10-0622.6-0.00.60	0.625	2.6
44989	MP10-0372.1-0.39.00	0.375	2.1
44990	MP10-0622.8-0.59.00	0.625	2.8
44992	MP10-0624.6-1.37.01	0.625	4.6
44993	MP10-0626.2-2.36.01	0.625	6.2
44994	MP10-0753.9-1.80.03	0.750	3.9
44995	MP10-0755.5-3.40.03	0.750	5.5
44996	MP10-0755.5-3.54.05	0.750	5.5

## MP12 – .500" dia.

EDP	Insert description	F40M	MP3000
Three flutes			
67095	MP12-0.500R016Z3-E04	•	
45254	MP12-0.500R016Z3-M04		•
67099	MP12-0.500R031Z3-E04	•	
45255	MP12-0.500R031Z3-M04		•
45256	MP12-0.500R063Z3-E04	•	
45257	MP12-0.500R122Z3-E04	•	
Four flutes			
45265	MP12-0.500R016Z4-E03	•	
67096	MP12-0.500R016Z4-M03		•
45266	MP12-0.500R031Z4-E03	•	
67100	MP12-0.500R031Z4-M03		•
Six flutes			
67098	MP12-0.500R016Z6-M03		•
Ballnose			
45281	MP12-0.500B90Z2-M04		•
69560	MP12-0.500B90Z3-E04	•	
45297	MP12-0.500B90Z3-M04		•
Wrench for MP12 insert			
67608	MP00-12.120	Free	

EDP	Shank description	dm <sub>m</sub>	L
Shanks for MP12 insert			
44997	MP12-0622.6-0.00.60	0.625	2.6
44998	MP12-0502.3-0.47.00	0.500	2.3
44999	MP12-0623.0-0.70.00	0.625	3.0
45005	MP12-0626.0-1.65.01	0.625	6.0
45006	MP12-0756.7-2.83.01	0.750	6.7
45007	MP12-0754.3-2.20.03	0.750	4.3
45008	MP12-0755.9-3.93.03	0.750	5.9
45009	MP12-0756.1-4.13.05	0.750	6.1

## MP16 – .625" dia.

EDP	Insert description	F40M	MP3000
Three flutes			
67101	MP16-0.625R016Z3-E05	•	
45258	MP16-0.625R016Z3-M05		•
67105	MP16-0.625R031Z3-E05	•	
45259	MP16-0.625R031Z3-M05		•
45260	MP16-0.625R063Z3-E05	•	
45261	MP16-0.625R122Z3-E05	•	
Four flutes			
45269	MP16-0.625R016Z4-E04	•	
67102	MP16-0.625R016Z4-M04		•
45270	MP16-0.625R031Z4-E04	•	
67106	MP16-0.625R031Z4-M04		•
Six flutes			
45273	MP16-0.625R016Z6-M04		•
Eight flutes			
67104	MP16-0.625R016Z8-M04		•
Ballnose			
69563	MP16-0.625B90Z3-E05	•	
45300	MP16-0.625B90Z3-M05		•
Wrench for MP16 insert			
67609	MP00-16.160	Free	

EDP	Shank description	dm <sub>m</sub>	L
Shanks for MP16 insert			
45010	MP16-0752.7-0.00.60	0.750	2.7
45011	MP16-0622.6-0.63.00	0.625	2.6
45012	MP16-0753.5-0.94.00	0.750	3.5
45014	MP16-0757.5-2.20.01	0.750	7.5
45015	MP16-0757.7-3.74.01	0.750	7.7
45016	MP16-1005.3-3.00.03	1.000	5.3
45017	MP16-1007.1-4.92.03	1.000	7.1
45019	MP16-1007.1-4.92.05	1.000	7.1



For complete product range and technical data, see 2012 Milling Machining Navigator.

### Ordering instructions:

- 1 Select eight Minimaster Plus inserts and one shank.
- 2 Enter the product numbers and quantities of inserts, shank and one free wrench along with your purchase order.
- 3 Make sure to include the promo ID code MMP12.
- 4 Fax or send your order to your authorized Seco distributor.

Shank Product # _____
Quantity _____
Insert Product # _____
Quantity _____
Wrench Product # _____

PO # _____
Name _____
Title _____
Company _____
Address _____
City _____ State ____ Zip _____
Phone _____
E-mail _____