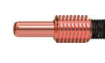
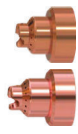


# Powermax105®

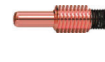
## Duramax® hand/machine torch consumables



Minimum order quantity		1		1		5		5		1	
Consumable type	Torch type	Shield/deflector		Retaining cap		Nozzle		Electrode		Swirl ring	
Drag cutting (30–105 A)	Hand	220818 <sup>2</sup> (45 A)		220854		220941 <sup>2</sup> (45 A)		220842 <sup>2</sup> or 220777 <sup>1,2</sup>		220994	
		220818 <sup>2</sup> (65 A)				220819 <sup>2</sup> (65 A)					
		220818 <sup>2</sup> (85 A)				220816 <sup>2</sup> (85 A)					
		220992 <sup>2</sup> (105 A)				220990 (105 A)					
Quantity in kit		2		1		7		7		1	
Essential cutting kit – 851471 (30–105 A)	Hand	220992		220854		220990		220842		220994	



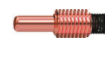
<sup>1</sup>For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).  
<sup>2</sup>Consumable available in bulk packaging. See order information below.



Minimum order quantity		1		1		5		5		1	
Consumable type	Torch type	Shield/deflector		Retaining cap		Nozzle		Electrode		Swirl ring	
Mechanized (30–105 A)	Machine	220817 <sup>2</sup> or 220955 <sup>3</sup> (45 A)		220854 or 220953 ohmic		220941 <sup>2</sup> (45 A)		220842 <sup>2</sup> or 220777 <sup>1,2</sup>		220994	
		220817 <sup>2</sup> or 220955 <sup>3</sup> (65 A)				220819 <sup>2</sup> (65 A)					
		220817 <sup>2</sup> or 220955 <sup>3</sup> (85 A)				220816 <sup>2</sup> (85 A)					
		220993 <sup>2</sup> or 220955 <sup>3</sup> (105 A)				220990 <sup>2</sup> (105 A)					
Quantity in kit		1		1		7		4		3	
Essential cutting kit – 851472 or 851473 (ohmic) (30–105 A)	Machine	220817 (Shield)	220955 (Deflector)	220993 105 A (Shield)	220854 or 220953 ohmic	220990 (85–105 A)	220819 (65 A)	220816 (85 A)	220842 (Cutting)	220777 (CopperPlus)	220994



<sup>1</sup>For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).  
<sup>2</sup>Consumable available in bulk packaging. See order information below.  
<sup>3</sup>Deflector for unshielded cutting.



Minimum order quantity		1		1		5		5		1	
Consumable type	Torch type	Shield/deflector		Retaining cap		Nozzle		Electrode		Swirl ring	
Max removal gouging <sup>4</sup> (45–105 A)	Hand/Machine	220798		220854		220797 (45 A)		220842 <sup>2</sup>		220994	
Max control gouging <sup>5</sup> (45–105 A)	Hand/Machine	420480				220797 (65 A)					
						220797 (85 A)					
						220991 (105 A)					

<sup>2</sup>Consumable available in bulk packaging. See order information below.  
<sup>4</sup>The Max removal gouging shield is designed for aggressive metal removal, deep gouge profiles and extreme metal washing.  
<sup>5</sup>The Max control gouging shield is designed for more precise metal removal, shallower gouge profiles and light metal washing.

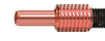
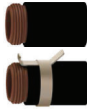
See page 44 for current system part number information.

### Torch adapter

Part number	428951
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Upgrade to the revolutionary Hypertherm cartridge for Powermax® systems consumable platform with the installation of a torch adapter. See pages 46–47 to learn more.



Minimum order quantity		1	1	5	5	1
Consumable type	Torch type	Shield/deflector	Retaining cap	Nozzle	Electrode	Swirl ring
FineCut® (30–45 A)	Hand	220931	220854 or 220953 (ohmic)	220930 <sup>2</sup>	220842 <sup>2</sup>	220947
	Machine	220955 or 220948 (ohmic)				

<sup>2</sup>Consumable available in bulk packaging. See order information below.



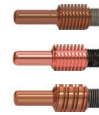
Minimum order quantity		1	1	1	2	1
Consumable type	Torch type	Retaining cap	Nozzle	Electrode	Swirl ring	
HyAccess drag cutting (30–65 A)	Hand	420413	420410	420408	220857 or 220994	
HyAccess gouging (30–65 A)			420412			
Quantity in kit		1	1	1	2	1
HyAccess kit – 428414 (30–65 A)	Hand	420413	420410 (cutting)	420412 (gouging)	420408	220857
		HyAccess cutting only starter pack – 428445 <sup>6</sup>				
		HyAccess gouging only starter pack – 428446 <sup>7</sup>				



Warning: The Duramax HyAccess (65 amps and below) consumables should not be operated above 65 amps

<sup>6</sup>Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

<sup>7</sup>Starter pack contains 1 retaining cap (420413), 1 gouging nozzle (420412) and 1 electrode (420408)



Minimum order quantity		1	1	1	5	1
Consumable type	Torch type	Retaining ring	Retaining cap	Nozzle/shield assembly	Electrode	Swirl ring
FlushCut (30–45 A) <sup>2</sup>	Hand/Machine	420540	420536	420633	420635	420634
FlushCut (65–105 A) <sup>2</sup>	Hand/Machine	420540	420536	420533	220842 or 220777 <sup>1</sup>	420539
Quantity in kit		1	1	1	1	1
FlushCut kit – 428647 (65–105 A)	Hand/Machine	420540	420536	420533	220842	420539

<sup>1</sup>For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).

<sup>2</sup>Using the 45 amp FlushCut consumables on the Powermax105 above 45 amps will cause premature consumable damage.

### Duramax® consumable bulk kits

Order quantity	25	25	25	25	25	25	25	25	10	10	10	10	
Bulk kit part number	228934	228767	228760	228759	228761	228762	228765	228797	228796	228798	228799	228763	228764
Contents	220777 electrode	220842 electrode	220816 nozzle	220819 nozzle	220930 nozzle	220797 nozzle	220941 nozzle	220990 nozzle	220991 nozzle	220992 shield	220993 shield	220817 shield	220818 shield



See page 44 for current system part number information.