

Powermax45® XP

Duramax® Lock hand/machine consumables



| Minimum order quantity | | 1 | 1 | 5 | 5 | 1 |
|--|------------|---------------------|---------------|----------------------------|--|------------|
| Consumable type | Torch type | Shield/deflector | Retaining cap | Nozzle | Electrode | Swirl ring |
| Drag-cutting (15–45 A) | Hand | 220818 ² | 220854 | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220857 |
| Quantity in kit | | 2 | 1 | 7 | 7 | 1 |
| Essential cutting kit – 851510 (15–45 A) | Hand | 220818 | 220854 | 220941 | 220842 | 220857 |



¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
²Consumable 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 (15–45 A) | Machine | 220817 ² or 220955 ³ | 220854 or 220953 ohmic | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220857 |
| Quantity in kit | | 2 | 1 | 7 | 4 | 3 |
| Essential cutting kit – 851511 or 851512 (ohmic) (15–45 A) | Machine | 220817 | 220955 | 220941 | 220842 | 220777 |



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



| Minimum order quantity | | 1 | 1 | 5 | 5 | 1 |
|--|--------------|------------------|------------------------|---------------------|---------------------|------------|
| Consumable type | Torch type | Shield/deflector | Retaining cap | Nozzle | Electrode | Swirl ring |
| Max control gouging ³ (26–45 A) | Hand/Machine | 420480 | 220854 | 420419 ² | 220842 ² | 220857 |
| Precision gouging (10–25 A) | Hand | 420414 | 220854 | 420415 | 220842 | 220857 |
| Marking (10–25 A) | Hand/Machine | 420542 | 220854 or 220953 ohmic | 420415 | 220842 | 220857 |

Precision gouging is a low amperage process ideal for spot weld removal.



| 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 ² | 220842 ² | 220947 |
| | Machine | 220955or 220948 (ohmic) | | | | 220857 |

²Consumable available in bulk packaging. See order information below.



| Minimum order quantity | | 1 | 1 | 1 | 1 | |
|---------------------------------|------------|--|---------------------|---------------------|------------|--------|
| Consumable type | Torch type | Retaining cap | Nozzle | Electrode | Swirl ring | |
| HyAccess drag-cutting (15–45 A) | Hand | 420413 | 420410 | 420408 | 220857 | |
| HyAccess gouging (15–45 A) | | | 420412 | | | |
| Quantity in kit | | 1 | 1 | 1 | 2 | 1 |
| HyAccess kit – 428414 (15–45 A) | Hand | 420413 | 420410 (cutting) | 420412 (gouging) | 420408 | 220857 |
| | | HyAccess cutting only starter pack – 428445 ⁵ HyAccess gouging only starter pack – 428446 ⁶ | | | | |

⁵Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

⁶Starter pack contains 1 retaining cap (420413), 1 gouging nozzle (420412) and 1 electrode (420408)



Duramax® consumable bulk kits

| Order quantity | 25 | 25 | 25 | 10 | 10 | |
|----------------------|------------------|------------------|---------------|---------------|---------------|---------------|
| Bulk kit part number | 228934 | 228767 | 228761 | 228765 | 228763 | 228764 |
| Contents | 220777 electrode | 220842 electrode | 220930 nozzle | 220941 nozzle | 220817 shield | 220818 shield |



See pages 64–65 for current system part number information.

Powermax65®

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 (30–65 A) | Hand | 220818 ² | 220854 | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220857 |
| | | | | 220819 ² (65 A) | | |
| Quantity in kit | | 2 | 1 | 7 | 7 | 1 |
| Essential cutting kit – 851465 (30–65 A) | Hand | 220818 | 220854 | 220819 | 220842 | 220857 |



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

²Consumable 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 (30–65 A) | Machine | 220817 ² or 220955 ³ | 220854 or 220953 ohmic | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220857 | | |
| | | | | 220819 ² (65 A) | | | | |
| Quantity in kit | | 2 | 1 | 7 | 4 | 3 | | |
| Essential cutting kit – 851466 or 851467 (ohmic) (30–65 A) | Machine | 220817 (Shield) | 220955 (Deflector) | 220854 or 220953 ohmic | 220819 ² | 220842 (Cutting) | 220777 (CopperPlus) | 220857 |



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

²Consumable available in bulk packaging. See order information below.

³Deflector 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 ³ (45–65 A) | Hand/Machine | 220798 | 220854 | 220797 ² | 220842 ² | 220857 |
| Max control gouging ⁴ (45–65 A) | Hand/Machine | 420480 | 220854 | 220797 ² | 220842 ² | 220857 |

²Consumable available in bulk packaging. See order information below.

³The Max removal gouging shield is designed for aggressive metal removal, deep gouge profiles and extreme metal washing.

⁴The Max control gouging shield is designed for more precise metal removal, shallower gouge profiles and light metal washing.



| 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 ² | 220842 ² | 220947 |
| | Machine | 220955or 220948 (ohmic) | | | | 220857 |

²Consumable available in bulk packaging. See order information below.



| Minimum order quantity | | 1 | 1 | 1 | 1 | |
|---------------------------------|------------|--|---------------------|---------------------|------------|--------|
| Consumable type | Torch type | Retaining cap | Nozzle | Electrode | Swirl ring | |
| HyAccess drag-cutting (30–65 A) | Hand | 420413 | 420410 | 420408 | 220857 | |
| 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 ⁵ | | | | |
| | | HyAccess gouging only starter pack – 428446 ⁶ | | | | |



⁵Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

⁶Starter pack contains 1 retaining cap (420413), 1 gouging nozzle (420412) and 1 electrode (420408)

Duramax® consumable bulk kits

| Order quantity | 25 | 25 | 25 | 25 | 25 | 25 | 10 | 10 |
|----------------------|------------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bulk kit part number | 228934 | 228767 | 228761 | 228762 | 228765 | 228759 | 228763 | 228764 |
| Contents | 220777 electrode | 220842 electrode | 220930 nozzle | 220797 nozzle | 220941 nozzle | 220819 nozzle | 220817 shield | 220818 shield |



See pages 64–65 for current system part number information.

Powermax85®

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 (30–85 A) | Hand | 220818 ² | 220854 | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220857 |
| | | | | 220819 ² (65 A) | | |
| | | | | 220816 ² (85 A) | | |
| Quantity in kit | | 2 | 1 | 7 | 7 | 1 |
| Essential cutting kit – 851468 (30–85 A) | Hand | 220818 | 220854 | 220816 | 220842 | 220857 |



¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
²Consumable 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 (30–85 A) | Machine | 220817 ² or 220955 ³ | 220854 or 220953 ohmic | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220857 | | |
| | | | | 220819 ² (65 A) | | | | |
| | | | | 220816 ² (85 A) | | | | |
| Quantity in kit | | 2 | 1 | 7 | 4 | 3 | | |
| Essential cutting kit – 851469 or 851470 (ohmic) (30–85 A) | Machine | 220817 (Shield) | 220955 (Deflector) | 220854 or 220953 ohmic | 220816 ² | 220842 (Cutting) | 220777 (CopperPlus) | 220857 |



¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
²Consumable available in bulk packaging. See order information below.
³Deflector 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 ⁴ (45–85 A) | Hand/Machine | 220798 | 220854 | 220797 ² | 220842 ² | 220857 |
| Max control gouging ⁵ (45–85 A) | Hand/Machine | 420480 | 220854 | 220797 ² | 220842 ² | 220857 |

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



| 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 ² | 220842 ² | 220947 |
| | Machine | 220955 or 220948 (ohmic) | | | | 220857 |

²Consumable available in bulk packaging. See order information below.



| Minimum order quantity | | 1 | 1 | 1 | 1 | |
|---------------------------------|------------|--|---------------------|---------------------|------------|--------|
| Consumable type | Torch type | Retaining cap | Nozzle | Electrode | Swirl ring | |
| HyAccess drag-cutting (30–65 A) | Hand | 420413 | 420410 | 420408 | 220857 | |
| 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 ⁵ HyAccess gouging only starter pack – 428446 ⁷ | | | | |



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

⁵Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

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

Duramax® consumable bulk kits

| Order quantity | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 10 | 10 |
|----------------------|---------------------|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bulk kit part number | 228934 | 228767 | 228761 | 228762 | 228765 | 228759 | 228760 | 228763 | 228764 |
| Contents | 220777 electrode | 220842 electrode | 220930 nozzle | 220797 nozzle | 220941 nozzle | 220819 nozzle | 220816 nozzle | 220817 shield | 220818 shield |



See pages 64–65 for current system part number information.

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 ² (45 A) | 220854 | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220994 |
| | | 220818 ² (65 A) | | 220819 ² (65 A) | | |
| | | 220818 ² (85 A) | | 220816 ² (85 A) | | |
| | | 220992 ² (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 |



¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
²Consumable 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 ² or 220955 ³ (45 A) | 220854 or 220953 ohmic | 220941 ² (45 A) | 220842 ² or 220777 ^{1,2} | 220994 | | | | | |
| | | 220817 ² or 220955 ³ (65 A) | | 220819 ² (65 A) | | | | | | | |
| | | 220817 ² or 220955 ³ (85 A) | | 220816 ² (85 A) | | | | | | | |
| | | 220993 ² (105 A) | | 220990 ² (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 |



¹For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).
²Consumable available in bulk packaging. See order information below.
³Deflector 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 ⁴ (45–105 A) | Hand/Machine | 220798 | 220854 | 220797 (45 A) | 220842 ² | 220994 |
| Max control gouging ⁵ (45–105 A) | Hand/Machine | 420480 | | 220797 (65 A) | | |
| | | | | 220797 (85 A) | | |
| | | | | 220991 (105 A) | | |

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



| 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 ² | 220842 ² | 220947 |
| | Machine | 220955 or 220948 (ohmic) | | | | 220994 |

²Consumable available in bulk packaging. See order information below.



| Minimum order quantity | | 1 | 1 | 1 | 1 | 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 ⁵ HyAccess gouging only starter pack – 428446 ⁷ | | | | | | |



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

⁵Starter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

⁷Starter 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 cap | Retaining ring | Nozzle/shield assembly | Electrode | Swirl ring |
| Duramax FlushCut (65–105 A) ² | Hand/Machine | 420536 | 420540 | 420533 | 220842 or 220777 ¹ | 420539 |
| Quantity in kit | | 1 | 1 | 1 | 1 | 1 |
| FlushCut kit – 428647 (65–105 A) ² | Hand/Machine | 420536 | 420540 | 420533 | 220842 | 420539 |

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

²Not for use with Duramax retrofit torches.

Duramax® consumable bulk kits

| Order quantity | 25 | 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 pages 64–65 for current system part number information.

Powermax125®

Duramax® Hyamp 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 (30-125 A) | Hand | 420172 (45 A) | 220977 | 420158 (45 A) | 220971 | 220997 |
| | | 420172 (65 A) | | 420169 (65 A) | | |
| | | 420000 (125 A) | | 220975 (125 A) | | |
| Quantity in kit | | 2 | 1 | 6 | 6 | 1 |
| Essential cutting kit – 851474 (30-125 A) | Hand | 420000 | 220977 | 220975 | 220971 | 220997 |



| Minimum order quantity | | 1 | 1 | 5 | 5 | 1 |
|--|------------|---------------------------------------|-----------------------------|---------------------------------|-----------|------------|
| Consumable type | Torch type | Shield/deflector | Retaining cap | Nozzle | Electrode | Swirl ring |
| Mechanized (30-125 A) | Machine | 420168 (45 A) | 220977 or 420156 (ohmic) | 420158 (45 A) | 220971 | 220997 |
| | | 420168 (65 A) | | 420169 (65 A) | | |
| | | 220976 (105-125 A) | | 220975 (125 A) | | |
| Quantity in kit | | 2 | 1 | 1 | 4 | 6 |
| Essential cutting kit – 851475 or 851476 (ohmic) (30-125 A) | Machine | 420168 (45-65 A) 220976 (65-125 A) | 220977 or 220976 ohmic | 420158 (65 A) 420169 (105 A) | 220975 | 220971 |



| Minimum order quantity | | 1 | 1 | 5 | 5 | 1 |
|---|--------------|------------------|---------------|--------|-----------|------------|
| Consumable type | Torch type | Shield/deflector | Retaining cap | Nozzle | Electrode | Swirl ring |
| Max removal gouging ¹ (65-125 A) | Hand/Machine | 420112 | 220977 | 420001 | 220971 | 220997 |
| Max control gouging ² (65-125 A) | Hand/Machine | 420509 | | | | |

¹The Max removal gouging shield is designed for aggressive metal removal, a deep gouge profiles and extreme metal washing.

²The Max control gouging shield is designed for more precise metal removal, shallower gouge profiles and light metal washing.



| 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 Machine | 420152 | 220977 or 420156 (ohmic) | 420151 | 220971 | 420159 220997 |



| Minimum order quantity | | 1 | 1 | 1 | 1 | 1 |
|----------------------------------|--------------|---------------|----------------|------------------------|-----------|------------|
| Consumable type | Torch type | Retaining cap | Retaining ring | Nozzle/shield assembly | Electrode | Swirl ring |
| Hyamp FlushCut (85-125 A) | Hand/Machine | 420490 | 420485 | 420489 | 420553 | 420484 |
| Quantity in kit | | 1 | 1 | 1 | 1 | 1 |
| FlushCut kit - 428713 (85-125 A) | Hand/Machine | 420490 | 420485 | 420489 | 420553 | 420484 |



See pages 64-65 for current system part number information.