

Air Cooled MIG Welding Torch

BLUE TORCH

OWNER'S MANUAL 『Parts List』

BTA300 - 30UT . . . 1U6330
BTA300 - 40UT . . . 1U6331

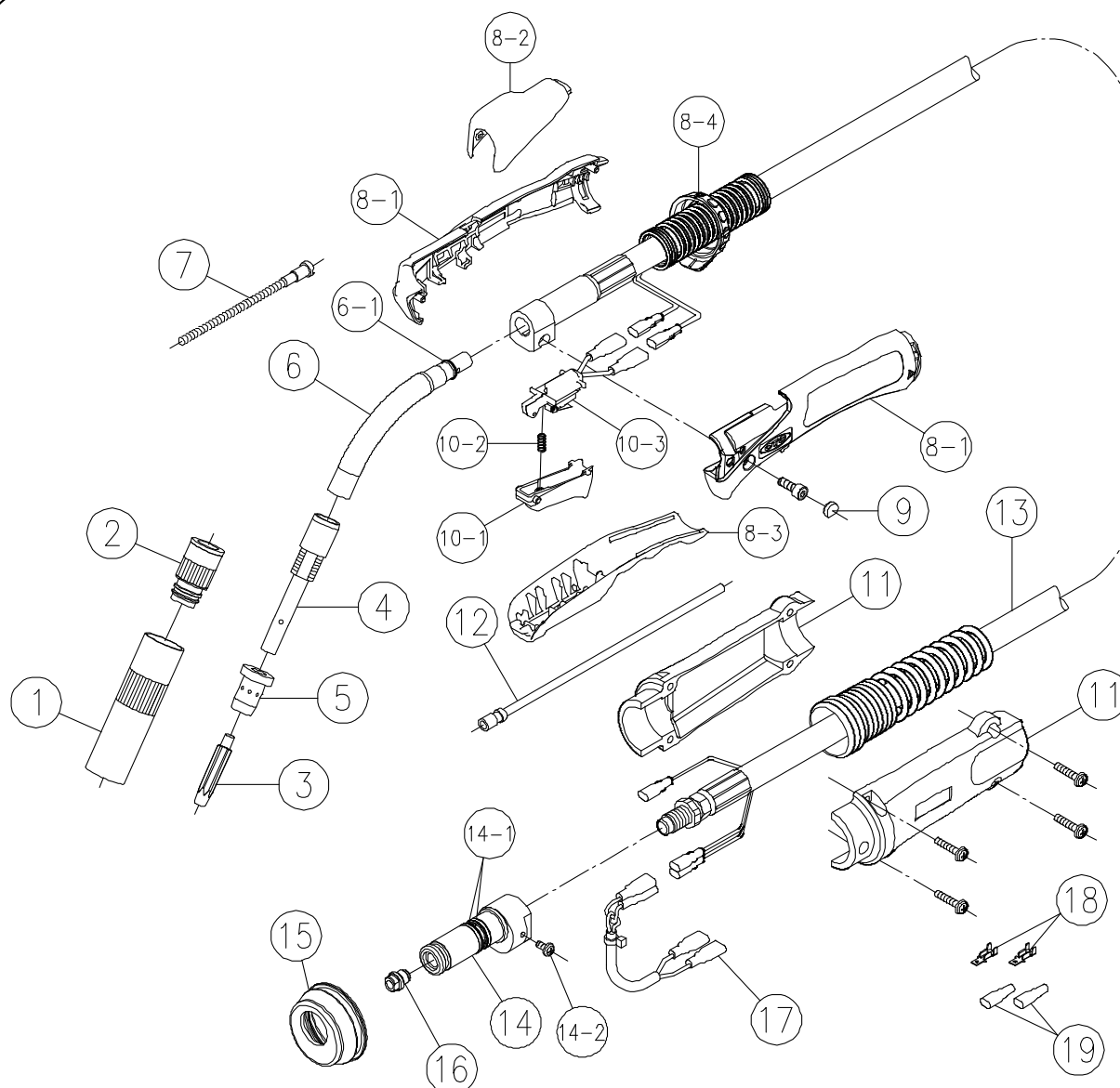
BTA300 - 30UT *BTA300 - 40UT*

■ Rated Specification

Rated Current and Duty Cycle	300A 50%(MIG) / 30%(PULSE MIG)	
Torch Length	3.0m/10ft	4.0m/13ft
Net Weight	3.0kg/6.6lb	3.6kg/7.9lb
Diameter range of the electrode (mm) 1	(1.0) , 1.2 , (1.6)	
Diameter range of the electrode (inch) 1	(.040) , .045 , (1/16)	
Type of the electrode	Aluminium	
Type of shielding gas	Ar	
Type of cooling	Air Cooled	
Method of guidance	Manual	
Voltage rating	113V(Peak)	
Torch switch technical data	DC30V 3A	

1: "()": Optional parts are necessary.

Standard Parts List



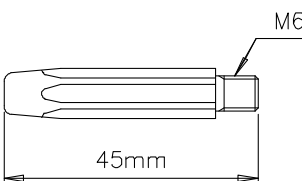
No.	Part Description	Part No.
	Nozzle (I.D.16mm)	U4432G01
	Insulator	U5377L00
	Contact Tip (1.2mm/.045")	K980C37
	Tip Body	U4400G01
	Orifice	U4173G02
	Torch Body (R100,45°)	U6314B00
-1	O-Ring (S9-4D)	3574-001
	Inner Liner	U4432G03
	Handle KIT (-1 ~ 4 is included.)	U6256C00
-1	Handle (L/R)	U6256D00
-2	Handle (Upper)	U6196H03
-3	Handle (Lower)	U6196H04
-4	LockRing	U6196H05
	Cap	U5341G01
	Trigger ASSY (-1 ~ 3 is included.)	U6190T00
-1	Trigger	U6190T01
-2	Trigger Spring	U157E04
-3	Switch ASSY	U6190Q00

No.	Part Description	Part No.
	Cable Support (with Screw)	U6190S00
	Pla Liner	
	3.0m/10ft (1.0 ~ 12mm/.040" ~ .045")	U4432G02
	4.0m/13ft (1.0 ~ 12mm/.040" ~ .045")	U4527J01
	Power Cable (Screw, Reinforcing Spring is included.)	
	3.0m/10ft	U6314D00
	4.0m/13ft	U6331D00
	Power Fitting "NO.4" (with Screw)	U5972E00
-1	O-Ring (AS-014(4D))	100-0818
-2	Small Screw	100-0297
	Rubber Sleeve	U5972G01
	Wire Guide (1.2mm/.045")	U5984G02
	Switch Cord	U5972F00
	Terminal (LOM-21T-187)	100-0820
	Cap (253224)	100-0821

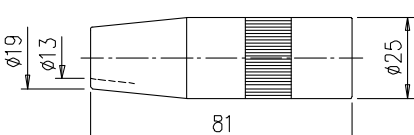
Optional Parts List

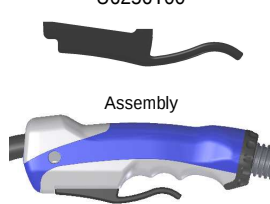
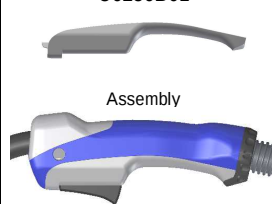
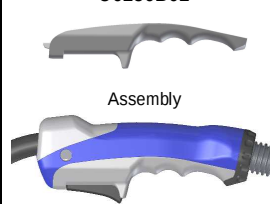
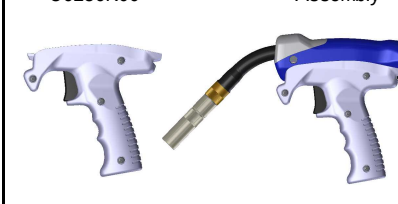
The dimension of the drawing is a reference value

UNIT (mm)

Contact Tip	
MIG - Tip(Standard)	
Wire Size	
1. 0mm (.040")	K980C36
1. 2mm (.045")	K980C37
1. 6mm (1/16")	K980C38

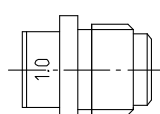
Pla Liner		
Wire Size	Length	Part NO.
1. 6mm (1/16")	3.0m /10ft	U4432G04
1. 6mm (1/16")	4.0m /13ft	U6000H00

Nozzle	
Low Current	
L6098E09	
	

Modular Torch Handle/Trigger Options			
(tool-less/quick-change style)			
Extended Trigger	Slim Grip Handle	Trigger Guard Grip Handle	Pistol Grip Handle Kit
U6256T00 	U6256B01 	U6256B02 	U6256K00 

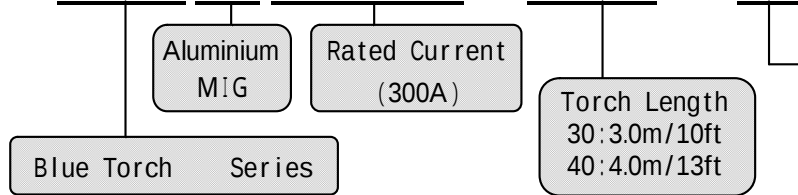
- 1 "Extended Trigger" is not made in combination with "Trigger Guard Grip Handle" and "Pistol Grip Handle Kit".
- 2 "Switch ASSY(U6190Q00)" and "Trigger Spring(U157E04)" are not included in "Extended Trigger".
- 3 "Trigger ASSY(U6190T00)" is not included in "Slim Grip Handle" and "Trigger Guard Grip Handle".
- 4 Please order "U6256M00" towards "Trigger ASSY(U6190T00)" is not required to "Pistol Grip Handle Kit".

Heat Shield	
Standard	For "Pistol Grip Handle"
U6256H00 	U6256N00 

Wire Guide	
Wire Size	Part No.
1.0mm (.040")	U6000G01
1.6mm (1/16")	U6000G02
	

Torch Type

B T A 3 0 0 - 3 0 U T



Direct Plugs

T : TWECO

Nothing :

B : Black Torch * 1

P : Panasonic

E : Euro (Binzel)

M : Miller

MS : Miller (Separate Gas Hose)

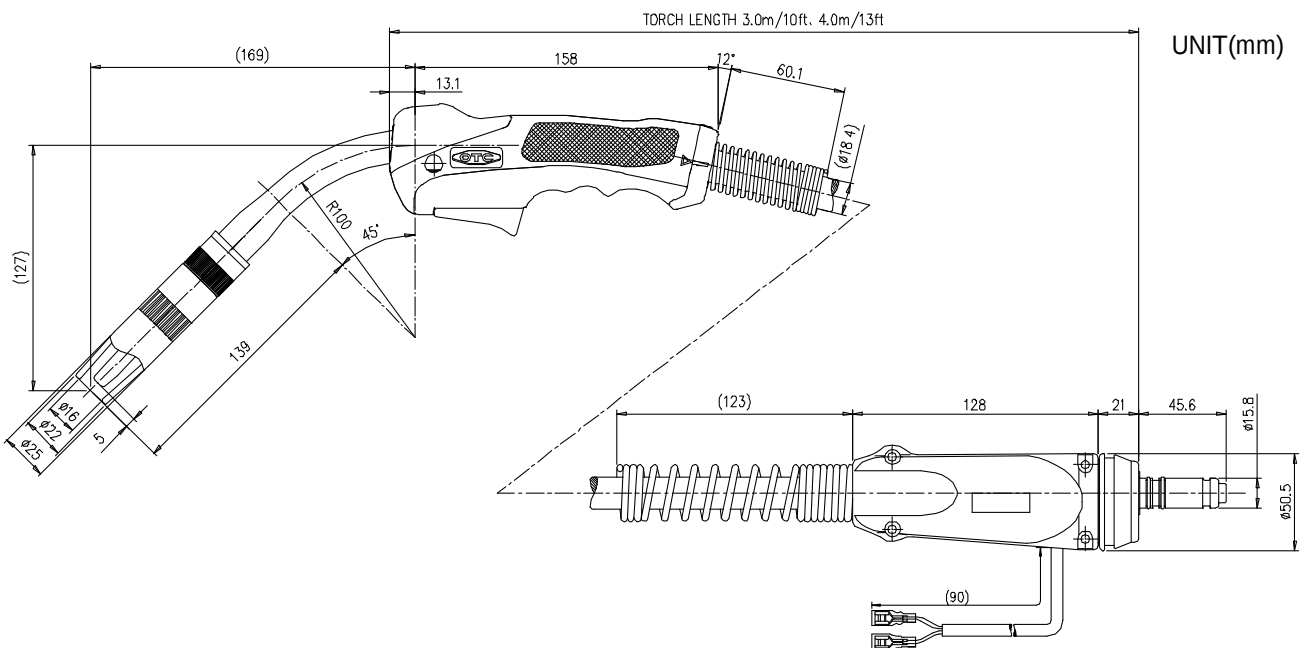
L : Lincoln

HT : Hitachi

*1 OTC black torch Power cable adaptor, guide adaptor and outlet guide are not attached. The Parts that you use now or new parts are required.
If new parts are required, order parts below separately.

· Power Cable Adaptor	U2853G00
· Guide Adaptor	U785C13 (For CM[H] - 23Series, CM[H] - 14Series) U5204J01 (For CM - 741)
· Outlet Guide (1.2mm / .045")	U2586F01 (For CM[H] - 23Series, CM[H] - 14Series) U2962M03 (For CM - 741)
· Outlet Guide (1.6mm / 1/16")	U2586F02 (For CM[H] - 23Series, CM[H] - 14Series) U2962M04 (For CM - 741)

Dimensional Outline Drawing



The dimension of the drawing is a reference value



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