



ERGOMEGA

30 - TW30 - B30

40 - TW40 - B40

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IT

Manuale d'uso e manutenzione

EN

Operating and maintenance manual

DE

Bedienungsanleitung und Wartungshandbuch

FR

Manuel d'utilisation et d'entretien

ES

Manual de instrucciones y mantenimiento

TR

Kullanım ve bakım kılavuzu





EN 60974-7

DICHIARAZIONE DI CONFORMITÀ

Trafimet Group Spa, azienda manifatturiera italiana regolarmente registrata, con sede in Via del Lavoro 8, 36020 Castegnero (VI), dichiara che i prodotti identificati e descritti nel presente manuale sono conformi a quanto previsto dalla Direttiva 2014/35 UE sulle basse tensioni e agli standard stabiliti dalla EN 60974-7 Attrezzatura per la saldatura ad arco - Parte 7.



DICHIARAZIONE DI CONFORMITÀ

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IDENTIFICAZIONE DEL PROCESSO

Le torce di saldatura MIG/MAG manuali ERGOMEGA sono progettate per saldare materiali scarsamente o altamente legati.

AVVERTENZE



Prima di utilizzare le torce, è necessario leggere attentamente il manuale d'uso e manutenzione.



Condizioni ambientali
Funzionamento:

Da -10 °C a +40 °C (da +14 °F a +104 °F)

Trasporto e stoccaggio:

Da -25 °C a +55 °C (da -13 °F a +131 °F)

Umidità relativa:

Fino al 90% a 20 °C (68 °F)

Spegnere la fonte di alimentazione prima di eseguire la manutenzione della torcia. La sostituzione delle parti di ricambio o attività di manutenzione di altro tipo devono essere effettuate dopo il raffreddamento della torcia.

Smaltire questo prodotto in modo responsabile dopo l'uso. Le torce e le parti usate devono essere adeguatamente riciclate in conformità ai requisiti/alle normative locali.



NO VOLTAGE



PRECAUZIONI DI SICUREZZA



Indossare guanti e altri indumenti da lavoro adeguati in conformità alle normative locali.



L'arco è pericoloso per gli occhi. Indossare un casco protettivo. Le persone nelle vicinanze devono indossare una protezione per gli occhi.



Non eseguire saldature in siti infiammabili o esplosivi.



I fumi sono pericolosi per la salute. Usare sistemi per l'aspirazione dei fumi oppure eseguire saldature esclusivamente in ambienti ventilati.



Rivolgere la torcia lontano da se stessi e dagli altri.



Non eseguire saldature su superfici verniciate.



Proteggere gli utensili elettrici dalla pioggia. Non utilizzare la torcia di saldatura su superfici o pavimenti bagnati oppure in ambienti con un'umidità elevata.



I cavi della torcia non devono essere schiacciati da oggetti pesanti.



Non modificare la torcia né apportare modifiche strutturali ad essa.

COLLEGAMENTI



NO VOLTAGE



Prima di collegare la torcia, spegnere la fonte di alimentazione, staccare la spina e chiudere la fornitura di gas.



Prima di collegare la torcia alla fonte di alimentazione, verificare che i collegamenti elettrici siano corretti e in conformità agli schemi elettrici allegati, laddove applicabile.

UTILIZZO



Accertarsi che la guaina in filo metallico e la punta di contatto corrispondano al diametro del filo di riempimento.



Non piegare i cavi e i tubi flessibili per evitare danni che potrebbero impedire la corretta circolazione del gas e del refrigerante.



Non usare la torcia per scopi diversi dalla saldatura.

MANUTENZIONE



NO VOLTAGE



Spegnere la fonte di alimentazione prima di eseguire la manutenzione della torcia. La sostituzione delle parti di ricambio o attività di manutenzione di altro tipo devono essere effettuate dopo il raffreddamento della torcia.



Se la punta di contatto è usurata o danneggiata, sostituirla.



Sostituire la guaina in filo metallico se ci sono problemi con il trainafilo.



Pulire periodicamente l'ugello del gas e il diffusore di gas. Utilizzare uno spray antiadesivo.



Controllare periodicamente le condizioni del cavo e del manico. Le riparazioni possono essere eseguite solo da personale qualificato.



Usare sempre parti di ricambio e materiali di consumo originali Trafimet.

FUNZIONAMENTO

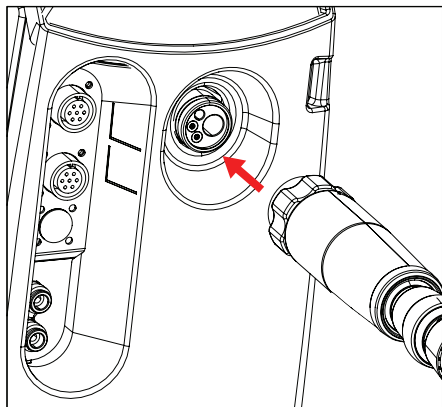


Informazioni importanti su come utilizzare la torcia di saldatura MIG in modo sicuro. Classificazione dei comandi elettrici della torcia: 32 V CC 0,05 A.



Prima di usare la torcia, accertarsi che tutti i cavi siano in buone condizioni e che i connettori siano fissati correttamente.

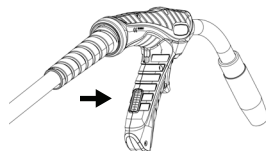
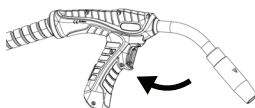
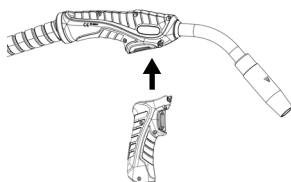
Come collegare la torcia



Collegare la torcia alle attrezzature di saldatura.
Fissare il connettore ruotando il collare in senso orario.

Come installare e rimuovere l'impugnatura

- 1 Mantenendo la parte inferiore dell'impugnatura rivolta in avanti, inserire le scanalature interne dell'impugnatura sopra le viti della torcia.
- 2 Tirare l'impugnatura all'indietro per bloccarla in posizione.
- 3 Per rimuovere l'impugnatura, premere il pulsante di blocco situato nella parte posteriore dell'impugnatura.



FUNZIONAMENTO

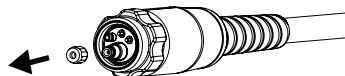
Come installare e sostituire la guaina in filo metallico

Le torce di saldatura MIG ERGOMEGA vengono fornite con la guaina in filo metallico preinstallata. Consultare questa sezione quando è necessario sostituire la guaina guidafile. La guaina guidafile è un materiale di consumo che deve essere cambiato in caso di usura o quando si cambia il materiale del filo.

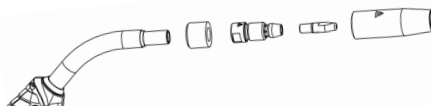


Se si cambia il filo di riempimento con un filo di diametro o materiale diverso, è necessario cambiare anche i rulli di alimentazione nel sistema trainafile. Prima di sostituire la guaina guidafile, è necessario rimuovere il filo di apporto.

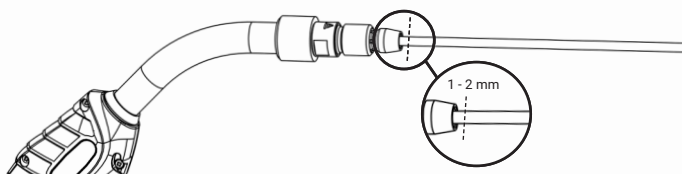
- 1 Raddrizzare il cavo della torcia di saldatura e rimuovere il dado della guaina.



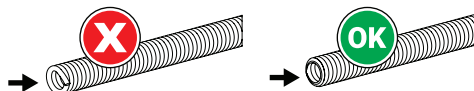
- 2 Rimuovere l'ugello del gas e la punta di contatto. Se la guaina in filo metallico non passa attraverso il supporto della punta, rimuovere anche il supporto della punta.



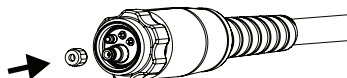
- 3 Tagliare la guaina in filo metallico lasciando 1-2 mm di guaina in eccesso.



- 4 Rimuovere i bordi ruvidi che potrebbero danneggiare il filo di riempimento.



- 5 Riavvitare il dado della guaina in posizione e serrarlo con uno strumento.





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DECLARATION OF CONFORMITY

Trafimet Group Spa, a duly registered Italian Manufacturing Company, located in Via del Lavoro, 8 36020 Castegnero (VI), hereby declares that products identified and described in this manual are in conformity with the provisions of Low Voltage Directive 2014/35 EU and in compliance with the standards set by EN 60974-7 Arc Welding Equipment - Part 7.



DECLARATION OF CONFORMITY

Trafimet Group Spa, a duly registered Italian Manufacturing Company, located in Via del Lavoro, 8 36020 Castegnero (VI), hereby declares that the products identified and described in this manual comply with the provisions of the Electrical Equipment (Safety) Regulations 2016 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

PROCESS IDENTIFICATION

ERGOMEGA manual MIG/MAG welding torches are designed for welding low and high-alloy materials.

WARNINGS



Please read carefully the operating and maintenance manual before use.



Turn off the power source before performing torch maintenance. Replacement of spare parts or other maintenance must be performed after the torch has cooled down.



NO VOLTAGE



Ambient conditions

Operation:

-10°C to +40°C (+14°F to +104°F)

Transport and storage:

-25°C to +55°C (-13°F to +131°F)

Relative humidity:

Up to 90 % at 20°C (68°F)

Dispose of this product responsibly after use. Torches and used parts should be properly recycled according to the local requirements/regulations.



SAFETY PRECAUTIONS



Wear gloves and other suitable workwear in accordance with local regulations.



Arc is dangerous to the eyes. Wear a protective helmet. Nearby people should wear eye protection.



Do not weld in flammable or explosive sites.



Fumes are hazardous to health. Use fume extraction systems or weld in ventilated spaces only.



Point the torch away from yourself and others.



Do not weld on painted surfaces.



Protect power tools from rain. Do not use the welding torch on wet surfaces/floors or in spaces with high humidity.



Torch cables must not be squashed by heavy objects.



Do not modify or make structural changes to the torch.

CONNECTIONS



NO VOLTAGE



Before connecting the torch, switch off the power source, disconnect the power plug and switch off the gas supply.



Before connecting the torch to the power source, check the correct electrical connections according to the enclosed wiring diagrams, where applicable.

USE



Make sure that the wire liner and contact tip match the diameter of the filler wire.



Do not bend cables and hoses in order to avoid damages that may prevent proper gas and coolant circulation.



Do not use the torch for purposes other than welding.

MAINTENANCE



NO VOLTAGE



Turn off the power source before performing torch maintenance. Replacement of any spare parts or other maintenance must be performed after the torch has cooled down.



Replace the contact tip if it is worn or damaged.



Clean the gas nozzle and gas diffuser periodically. Use anti-adhesive spray.



Replace the wire liner if there are problems with the wire feed.



Check the condition of the cable and handle periodically. Repairs may be carried out by qualified personnel only.



Always use the original Trafimet spare parts and consumables.

OPERATION

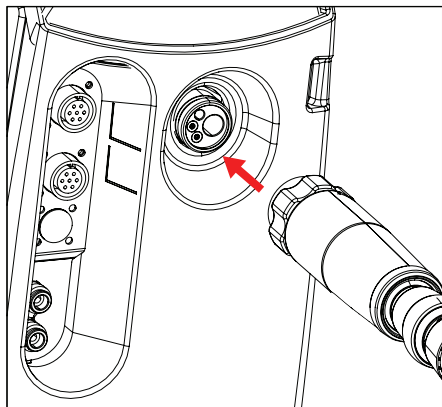


Important information on the safe use of the MIG welding torch. Rating of electrical controls incorporated in the torch: 32VDC 0.05A.



Before using the torch, ensure that all the cables are in serviceable condition and that the connectors are correctly fastened.

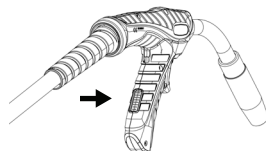
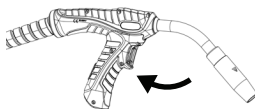
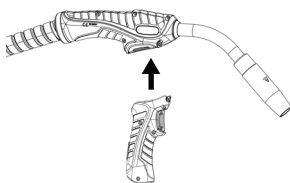
How to connect the torch



Connect the torch to your welding equipment.
Secure the connector in place by turning the collar clockwise.

How to install and remove grip handle

- 1 Keeping the bottom of the grip handle pointing forward, fit the inside grooves of the grip handle over the screws on the torch.
- 2 Pull the handle backward to lock it in position.
- 3 To remove the grip handle, press the lock button in the grip handle rear.



OPERATION

How to install and replace wire liner

ERGOMEGA MIG welding torches are delivered with the wire liner preinstalled.

Refer to this section when the wire liner needs to be replaced.

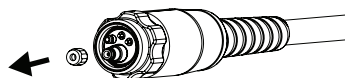
The wire liner is a consumable part, which needs to be changed if worn and when the filler wire material changes.



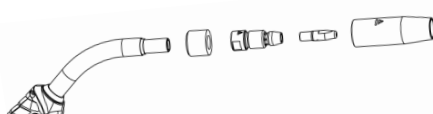
If you change the filler wire to a different diameter or material, change also the feed rolls in the wire feed system accordingly.

The filler wire must be removed before the wire liner replacement.

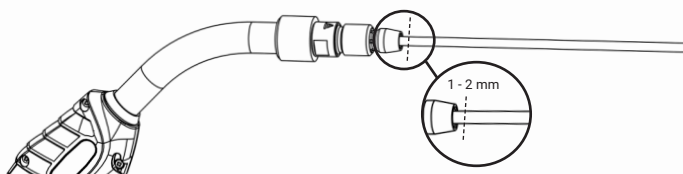
- 1 Straighten the welding torch cable and remove the liner nut.



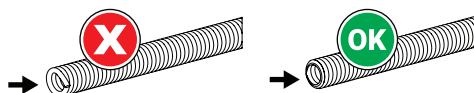
- 2 Remove the gas nozzle and the contact tip. If the wire liner does not pass through the tip holder, remove the tip holder as well.



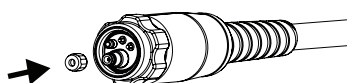
- 3 Cut the wire liner leaving 1-2 mm of excess liner.



- 4 Remove any rough edges that could potentially damage the filler wire.



- 5 Screw the liner nut back in place and tighten it with a tool.





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KONFORMITÄTSERKLÄRUNG

Trafimet Group Spa, ein ordnungsgemäß eingetragenes italienisches Produktionsunternehmen mit Sitz in der Via del Lavoro, 8 36020 Castegnero (VI), erklärt hiermit, dass die in diesem Handbuch bezeichneten und beschriebenen Produkte den Bestimmungen der Niederspannungsrichtlinie 2014/35 EU und den von der EN 60974-7 Lichtbogenschweißrichtungen – Teil 7 festgelegten Normen entsprechen.



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PROZESSBESTIMMUNG

Die manuellen MIG/MAG-Brenner ERGOMEGA sind zum Schweißen von niedrig- und hochlegierten Materialien konzipiert.

WARNHINWEISE



Bitte lesen Sie die Bedienungs- und Wartungsanleitung vor dem Gebrauch sorgfältig durch.



Umgebungsbedingungen Betrieb:
-10 °C bis +40 °C

Transport und Lagerung:
-25 °C bis +55 °C

Relative Luftfeuchtigkeit:
Bis zu 90 % bei 20 °C

Schalten Sie die Stromquelle vor der Durchführung von Wartungsarbeiten am Brenner aus. Der Austausch von Ersatzteilen oder andere Wartungsarbeiten dürfen erst durchgeführt werden, nachdem sich der Brenner abgekühlt hat.



NO VOLTAGE



Entsorgen Sie das Produkt nach Gebrauch verantwortungsbewusst. Brenner und gebrauchte Teile sind immer ordnungsgemäß (gemäß den geltenden lokalen Anforderungen/Vorschriften) zu recyceln.

SICHERHEITSHINWEISE



Tragen Sie Handschuhe und weitere geeignete Arbeitskleidung gemäß den örtlichen Vorschriften.



Der Lichtbogen ist gefährlich für die Augen. Tragen Sie einen Helm. In der Nähe befindliche Personen sollten einen Augenschutz tragen.



Nicht an entflammaren oder explosiven Orten schweißen.



Dämpfe sind gesundheitsschädlich. Rauchabsauganlagen verwenden oder nur in gut belüfteten Räumen schweißen.



Brenner immer von sich selbst und anderen entfernt halten.



Nicht auf lackierten Oberflächen schweißen.



Elektrowerkzeuge vor Regen schützen. Den Schweißbrenner nicht auf nassen Oberflächen/Böden oder in Räumen mit hoher Luftfeuchtigkeit verwenden.



Brennerkabel dürfen nicht von schweren Gegenständen gequetscht werden.



Keine baulichen Veränderungen am Brenner vornehmen.

ANSCHLÜSSE



NO VOLTAGE



Schalten Sie vor dem Anschließen des Brenners die Stromquelle aus, ziehen Sie den Netzstecker und schalten Sie die Gaszufuhr ab.



Vor dem Anschließen des Brenners an die Stromquelle prüfen Sie ggf. die korrekten elektrischen Anschlüsse gemäß den beiliegenden Schaltplänen.

VERWENDUNG



Achten Sie darauf, dass der Drahtleiter und die Stromdüse dem Durchmesser des Fülldrahts entsprechen.



Knicken Sie die Kabel und Schläuche nicht ab, um Schäden zu vermeiden, die eine ordnungsgemäße Gas- und Kühlmittelzirkulation verhindern können.



Verwenden Sie den Brenner nicht für andere Zwecke als zum Schweißen.

WARTUNG



NO VOLTAGE



Schalten Sie vor der Durchführung von Wartungsarbeiten am Brenner die Stromquelle aus. Der Austausch von Ersatzteilen oder andere Wartungsarbeiten dürfen erst durchgeführt werden, nachdem sich der Brenner abgekühlt hat.



Ersetzen Sie die Stromdüse, wenn sie abgenutzt oder beschädigt ist.



Reinigen Sie die Gasdüse und den Gasverteiler regelmäßig. Verwenden Sie Antihafspray.



Ersetzen Sie den Drahtleiter bei Problemen mit dem Drahtvorschub.



Überprüfen Sie regelmäßig den Zustand des Kabels und der Zuleitung. Reparaturen dürfen nur von qualifiziertem Personal durchgeführt werden.



Verwenden Sie immer Original-Ersatzteile und -Verschleißteile von Trafimet.

BETRIEB

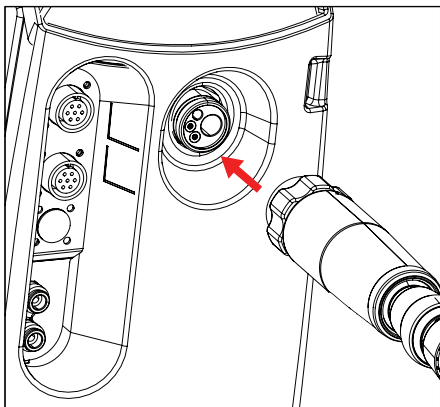


Wichtige Informationen zum sicheren Umgang mit dem MIG-Schweißbrenner. Nennwerte der im Brenner integrierten elektrischen Steuerungen: 32 V DC, 0,05 A



Vergewissern Sie sich vor der Verwendung des Brenners, dass alle Kabel in betriebsbereitem Zustand und die Anschlüsse ordnungsgemäß befestigt sind.

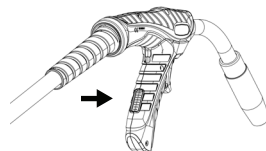
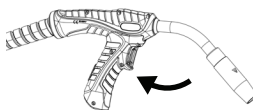
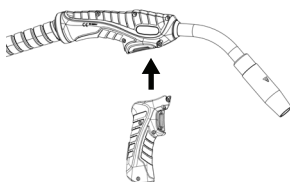
So schließen Sie den Brenner an



Schließen Sie den Brenner an Ihr Schweißgerät an. Sichern Sie den Anschluss durch Drehen des Ringes im Uhrzeigersinn.

So montieren und entfernen Sie den Griff

- 1** Halten Sie die Unterseite des Griffs nach vorne gerichtet und setzen Sie die Innenrillen des Griffs über die Schrauben des Brenners.
- 2** Ziehen Sie den Griff zurück, um ihn in Position zu arretieren.
- 3** Drücken Sie den Verriegelungsknopf an der Rückseite des Griffs, um den Griff zu entfernen.



BETRIEB

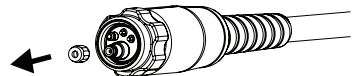
So montieren und ersetzen Sie den Drahtleiter

ERGOMEGA MIG-Schweißbrenner werden mit vormontiertem Drahtleiter geliefert. Lesen Sie diesen Abschnitt, wenn der Drahtleiter ausgetauscht werden muss. Der Drahtleiter ist Verbrauchsmaterial und muss ersetzt werden, wenn er verschlissen ist oder der Zusatzwerkstoff geändert wird.

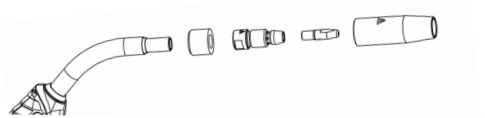


Wenn Sie Durchmesser oder Material des Fülldrahts ändern, wechseln Sie auch die Drahtvorschubrollen im Drahtvorschubsystem entsprechend. Der Draht muss vor dem Einsetzen des neuen Drahtleiters entfernt werden.

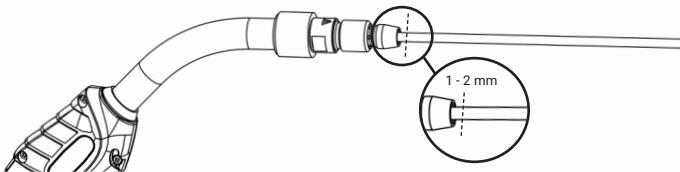
- 1 Richten Sie das Schweißbrennerkabel aus und entfernen Sie die Mutter vom Leiter.



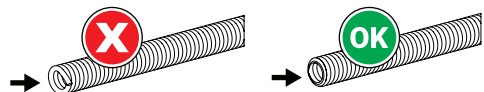
- 2 Entfernen Sie Gasdüse und Stromdüse. Wenn der Drahtleiter nicht durch den Düsenhalter verläuft, entfernen Sie auch den Düsenhalter.



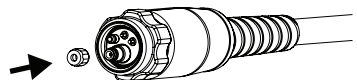
- 3 Schneiden Sie den Drahtleiter so ab, dass noch 1–2 mm des Leiters hervorstehen.



- 4 Entfernen Sie sämtliche rauen Kanten, die den Fülldraht beschädigen könnten.



- 5 Schrauben Sie die Mutter wieder ein und ziehen Sie sie mit einem Werkzeug fest.





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DÉCLARATION DE CONFORMITÉ

Trafimet Group Spa, entreprise de fabrication italienne dûment immatriculée, sise Via del Lavoro, 8 36020 Castegnero (VI), déclare par la présente que les produits identifiés et décrits dans ce manuel sont conformes aux dispositions de la directive Basse tension 2014/35/UE et conformes aux normes établies par EN 60974-7 Équipement de soudage à l'arc - Partie 7.



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IDENTIFICATION DES PROCESSUS

Les torches de soudage MIG/MAG manuelles ERGOMEGA sont conçues pour le soudage des matériaux faiblement et fortement alliés.

AVERTISSEMENTS



Veuillez lire attentivement le manuel d'utilisation et d'entretien avant toute utilisation.



Éteignez le poste à souder avant d'effectuer l'entretien de la torche. Le remplacement des pièces de rechange et les autres opérations d'entretien doivent être effectués une fois que la torche a refroidi.



NO VOLTAGE



Conditions ambiantes
Utilisation :
-10 °C à +40 °C (+14 °F à +104 °F)

Transport et stockage :
-25 °C à +55 °C (-13 °F à +131 °F)

Humidité relative :
Jusqu'à 90 % à 20 °C (68 °F)

Éliminez ce produit de manière responsable après utilisation. Les torches et les pièces usagées doivent être correctement recyclées conformément aux exigences/réglementations locales.



Portez des gants et des vêtements de travail appropriés conformément aux réglementations locales.



L'arc est dangereux pour les yeux. Portez un casque de protection. Les personnes situées à proximité doivent porter des lunettes de protection.



Ne soudez pas dans des environnements inflammables ou explosifs.



Les fumées sont dangereuses pour la santé. Utilisez des systèmes d'extraction de fumées ou soudez uniquement dans des espaces ventilés.



Dirigez la torche à l'écart des autres personnes et de vous-même.



Ne soudez pas sur des surfaces peintes.



Protégez les outils électriques de la pluie. N'utilisez pas la torche de soudage sur des surfaces/sols mouillés ou dans des espaces très humides.



Les câbles des torches ne doivent pas être écrasés par des objets lourds.



Ne modifiez pas et n'apportez pas de changements structurels à la torche.

CONNEXIONS



NO VOLTAGE



Avant de connecter la torche, éteignez le poste à souder, débranchez la fiche électrique et coupez l'alimentation en gaz.



Avant de connecter la torche au poste à souder, assurez-vous que les branchements électriques sont corrects en fonction des schémas de câblage fournis, le cas échéant.

UTILISATION



Assurez-vous que la gaine et le tube contact correspondent au diamètre du fil d'apport.



Ne pliez pas les câbles et les tuyaux afin d'éviter des dommages qui pourraient empêcher une circulation correcte du gaz et du liquide de refroidissement.



N'utilisez pas la torche à d'autres fins que le soudage.

ENTRETIEN



NO VOLTAGE



Éteignez le poste à souder avant d'effectuer l'entretien de la torche. Le remplacement des pièces de rechange et les autres opérations d'entretien doivent être effectués une fois que la torche a refroidi.



Remplacez le tube contact s'il est usé ou endommagé.



Remplacez la gaine en cas de problèmes de dévidage.



Nettoyez régulièrement la buse de gaz et le diffuseur de gaz. Utilisez un spray anti-adhésif.



Vérifiez régulièrement l'état du câble et de la poignée. Les réparations ne peuvent être effectuées que par du personnel qualifié.



Utilisez toujours les pièces détachées et les consommables Trafimet d'origine.

UTILISATION

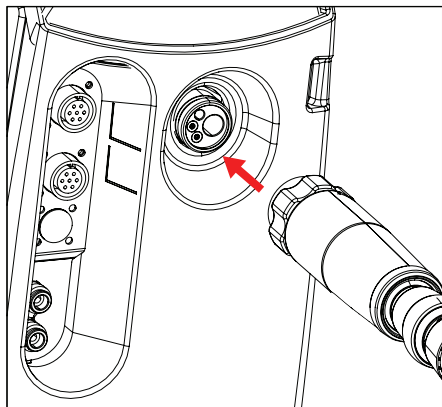


Informations importantes concernant l'utilisation en toute sécurité de la torche de soudage MIG. Calibre des commandes électriques intégrées à la torche : 32 V CC 0,05 A.



Avant d'utiliser la torche, assurez-vous que tous les câbles sont en bon état de fonctionnement et que les connecteurs sont correctement fixés.

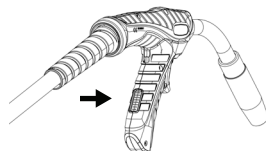
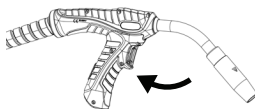
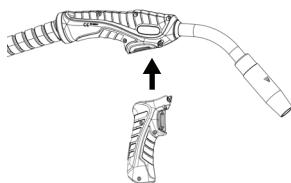
Comment connecter la torche



Connectez la torche à votre équipement de soudage.
Fixer le connecteur en place en tournant la bague dans le sens des aiguilles d'une montre.

Comment installer et retirer la poignée

- 1 Tenez la base de la poignée orientée vers l'avant et placez les rainures internes de la poignée sur les vis de la torche.
- 2 Tirer la poignée en arrière pour la verrouiller en position.
- 3 Pour retirer la poignée, appuyez sur le bouton de verrouillage situé à l'arrière de la poignée.



UTILISATION

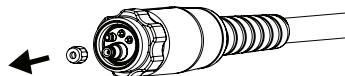
Comment installer et remplacer la gaine

Les torches de soudage MIG ERGOMEGA sont livrées avec une gaine préinstallée. Se reporter à cette section pour remplacer la gaine. La gaine est un consommable qui doit être changé en cas d'usure ou de changement de matériau de fil d'apport.

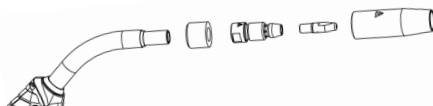


Si vous devez changer le fil d'apport (avec un diamètre ou un matériau différent), changez également les galets du dévidoir en conséquence. Le fil d'apport doit être retiré du dévidoir avant de remplacer la gaine.

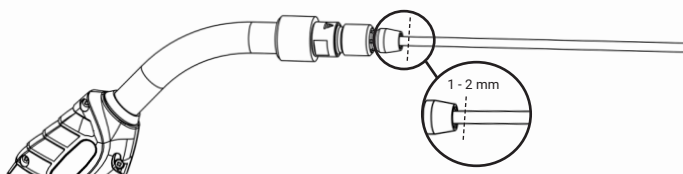
- 1 Redressez le câble de la torche de soudage et retirez l'écrou de la gaine.



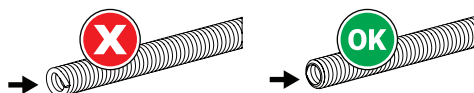
- 2 Retirez la buse de gaz et le tube de contact. Si la gaine ne passe pas dans le support de tube contact, retirez également le support de tube contact.



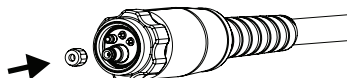
- 3 Coupez la gaine en laissant 1 à 2 mm de gaine en excès.



- 4 Retirez les aspérités qui pourraient endommager le fil d'apport.



- 5 Revissez l'écrou de la gaine en position et serrez-le avec un outil.





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DECLARACIÓN DE CONFORMIDAD

Trafimet Group Spa, empresa de fabricación italiana debidamente registrada, con sede en Via del Lavoro, 8 36020 Castegnero (VI), por la presente declara que los productos que se identifican y describen en el presente manual están en conformidad con las disposiciones de la Directiva de Baja Tensión 2014/35 UE y en cumplimiento de las normas estipuladas por la EN 60974-7 Equipos de soldadura por arco - Apartado 7.



DECLARACIÓN DE CONFORMIDAD

Trafimet Group Spa, empresa de fabricación italiana debidamente registrada, con sede en Via del Lavoro, 8 36020 Castegnero (VI), por la presente declara que los productos que se identifican y cumplen las disposiciones del Reglamento sobre equipos eléctricos (seguridad) de 2016 y el Reglamento sobre restricciones a la utilización de determinadas sustancias peligrosas en equipos eléctricos y electrónicos de 2012.

IDENTIFICACIÓN DEL PROCESO

Las antorchas de soldadura manuales MIG/MAG de ERGOMEGA se han diseñado para soldar materiales de aleación baja y alta.

ADVERTENCIAS



Antes de su uso, lea detenidamente el manual de uso y mantenimiento.



Condiciones ambientales
Funcionamiento:
De -10 °C a +40 °C (de +14 °F a +104 °F)

Transporte y almacenamiento:
De -25 °C a +55 °C (de -13 °F a +131 °F)

Humedad relativa:
Hasta 90 % a 20 °C (68 °F)

Antes de efectuar el mantenimiento de la antorcha, apague la fuente de potencia. El cambio de los repuestos o cualquier tipo de mantenimiento deben efectuarse una vez que se haya enfriado la antorcha.

Después de utilizar este producto, deséchelo de forma responsable. Las antorchas y las piezas usadas se deben reciclar de forma adecuada según los requisitos/reglamentos locales.



NO VOLTAGE



Utilice guantes y ropa de trabajo adecuada según la normativa local.



El arco es peligroso para los ojos. Utilice una máscara de protección. Las personas que se encuentren cerca deben llevar protección ocular.



No realice la soldadura en lugares con riesgo de inflamación o explosión.



Los humos representan un peligro para la salud. Use sistemas de extracción de humos o efectúe la soldadura únicamente en espacios ventilados.



No dirija la antorcha hacia usted ni hacia otras personas.



No realice la soldadura sobre superficies pintadas.



Proteja de la lluvia las herramientas eléctricas. No utilice la antorcha de soldadura sobre superficies o suelos mojados ni en espacios donde haya mucha humedad.



Evite que objetos pesados aplasten los cables de la antorcha.



No modifique ni haga cambios estructurales en la antorcha.

CONEXIONES



NO VOLTAGE



Antes de conectar la antorcha, apague la fuente de potencia, desconecte el enchufe y cierre el suministro de gas.



Antes de conectar la antorcha a la fuente de potencia, compruebe que las conexiones eléctricas son correctas según los diagramas de cableado adjuntos, si procede.

USO



Compruebe que el conductor de alambre y la punta de contacto coinciden con el diámetro del alambre de relleno.



No doble los cables ni las mangueras a fin de evitar daños que impidan la correcta circulación del gas y del refrigerante.



No use la antorcha para otros fines que no sean la soldadura.

MANTENIMIENTO



NO VOLTAGE



Antes de efectuar el mantenimiento de la antorcha, apague la fuente de potencia. El cambio de repuestos o cualquier tipo de mantenimiento deben efectuarse una vez que se haya enfriado la antorcha.



Si la punta de contacto está desgastada o dañada, reemplácela.



Limpie periódicamente la boquilla y el difusor de gas. Use un spray antiadherente.



Si hay problemas con la alimentación de alambre, reemplace el conductor de alambre.



Verifique periódicamente el estado del cable y del mango. Solo el personal cualificado puede llevar a cabo las reparaciones.



Use siempre los repuestos y los consumibles originales de Trafimet.

FUNCIONAMIENTO

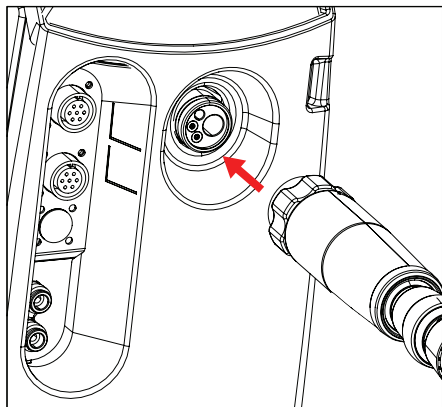


Información importante acerca del uso seguro de la antorcha de soldadura MIG. Clasificación de los controles eléctricos que incorpora la antorcha: 32 VCC 0,05 A.



Antes de utilizar la antorcha, compruebe que las condiciones de uso de todos los cables sean adecuadas y que los conectores están correctamente fijados.

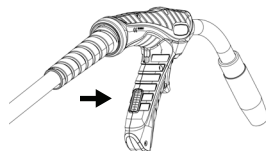
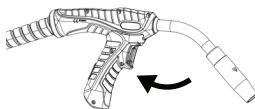
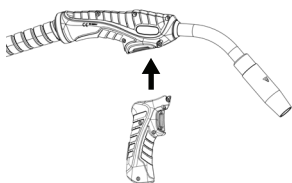
Conexión de la antorcha



Conecte la antorcha al equipo de soldadura. Fije el conector en su lugar girando el collarín hacia la derecha.

Instalación y extracción del mango

- 1 Manteniendo la parte inferior del mango apuntando hacia adelante, coloque las hendiduras internas del mango sobre los tornillos de la antorcha.
- 2 Tire del mango hacia atrás para bloquearlo en su posición.
- 3 Para quitar el mango, presione el botón de bloqueo en la parte posterior del mango.



FUNCIONAMIENTO

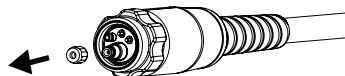
Instalación y reemplazo del conductor de alambre

Las antorchas de soldadura ERGOMEGA MIG tienen preinstalado el conductor de alambre cuando se entregan. Consulte esta sección cuando sea necesario reemplazar el conductor de alambre. El conductor flexible de alambre es una pieza consumible, que hay que cambiar si se desgasta y cuando el alambre de relleno cambia.

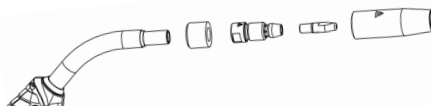


Si cambia el diámetro o el material del alambre de relleno, cambie también los rodillos de alimentación en el sistema de alimentación del alambre. El alambre de relleno debe retirarse antes de reemplazar el conductor de alambre.

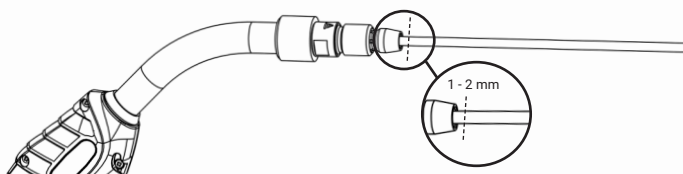
- 1 Enderece el cable de la antorcha de soldadura y retire la tuerca del conductor.



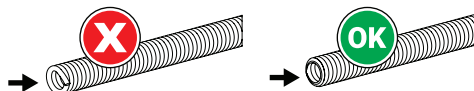
- 2 Retire la boquilla de gas y la punta de contacto. Retire también el soporte para puntas si el conductor de alambre no pasa por dicho soporte.



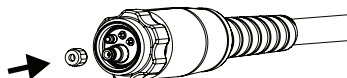
- 3 Corte el conductor de alambre y deje 1 o 2 mm de exceso de conductor.



- 4 Retire los bordes ásperos que puedan dañar el alambre de relleno.



- 5 Enrosque la tuerca del conductor en su sitio y use una herramienta para apretarla.





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UYGUNLUK BEYANI

Via del Lavoro, 8 36020 Castegnero (VI) adresinde yerleşik ve ilgili yasal mevzuat uyarınca kayıt altına alınan bir İtalyan İmalat Şirketi olan Trafimet Group Spa, işbu belgeyle, bu kılavuzda tanımlanan ve açıklanan ürünlerin, 2014/35 AB Alçak Gerilim Yönetmeliği hükümlerine ve EN 60974-7 Ark Kaynak Ekipmanı - Bölüm 7'de belirlenmiş standartlara uygun olduğunu beyan eder.



UYGUNLUK BEYANI

Via del Lavoro, 8 36020 Castegnero (VI) adresinde yerleşik ve ilgili yasal mevzuat uyarınca kayıt altına alınan bir İtalyan İmalat Şirketi olan Trafimet Group Spa, işbu belgeyle, bu kılavuzda tanımlanan ve açıklanan ürünlerin Elektrikli Ekipman (Güvenlik) Yönetmeliği 2016 ve Elektrikli ve Elektronik Ekipman Yönetmeliği 2012'deki Bazı Tehlikeli Maddelerin Kullanımının Kısıtlanması hükümlerine uygun olduğunu beyan eder.

SÜREÇ TANIMI

ERGOMEGA manuel MIG/MAG kaynak torçları, düşük ve yüksek alaşımli malzemelerin kaynağı için tasarlanmıştır.

UYARILAR



Kullanmadan önce lütfen kullanım ve bakım kılavuzunu dikkatli şekilde okuyun.



Ortam koşulları
İşleyiş:
-10 °C ila +40 °C (+14 °F ila +104 °F)

Taşıma ve depolama:
-25 °C ila +55 °C (-13 °F ila +131 °F)

Bağıl nem:
20 °C'de (68 °F) %90'a kadar

Torç bakımını gerçekleştirmeden önce güç kaynağını kapatın. Yedek parça değişimi veya diğer bakım işlemleri torç soğuduktan sonra gerçekleştirilmelidir.



NO VOLTAGE



Kullanımdan sonra bu ürünü gereken bir şekilde bertaraf edin. Torçlar ve kullanılmış parçalar, yerel gereksinimlere/ yönetmeliklere göre uygun şekilde geri dönüştürülmelidir.

GÜVENLİK ÖNLEMLERİ



Yerel yönetmeliklere uygun olarak eldiven ve diğer uygun iş kıyafetlerini giyin.



Ark gözler için tehlikelidir. Koruyucu bir maske takın. Yakındaki insanlar göz koruyucu ekipman takmalıdır.



Yanıcı veya patlayıcı alanlarda kaynak yapmayın.



Dumanlar sağlığa zararlıdır. Duman tahliye sistemlerini kullanın veya yalnızca havalandırılan alanlarda kaynak yapın.



Torcu kendinizden ve başkalarından uzağa doğrultun.



Boyalı yüzeylerde kaynak yapmayın.



Elektrikli aletleri yağmurdan koruyun. Torcu ıslak yüzeylerde/zeminlerde veya yüksek nemli ortamlarda kullanmayın.



Torç kabloları ağır nesnelerle ezilmemelidir.



Torç üzerinde değişiklik veya yapısal değişiklikler yapmayın.

BAĞLANTILAR



Torcu bağlamadan önce, güç kaynağını kapatın, elektrik fişini çekin ve gaz kaynağını kapatın.



Torcu güç kaynağına bağlamadan önce, varsa ekteki kablo şemalarına göre doğru elektrik bağlantılarını kontrol edin.

NO VOLTAGE



KULLANIM



Spiral ve kontak memenin dolgu telinin çapıyla eşleştiğinden emin olun.



Düzgün gaz ve soğutma sıvısı sirkülasyonunu engelleyebilecek hasarları önlemek için kabloları ve hortumları bükmeyin.



Torcu kaynak yapmak dışında başka amaçlar için kullanmayın.



NO VOLTAGE



Torç bakımını gerçekleştirmeden önce güç kaynağını kapatın. Herhangi bir yedek parça değişimi veya diğer bakım işlemleri torç soğuduktan sonra gerçekleştirilmelidir.



Aşınmış veya hasarlıysa kontak memeyi değiştirin.



Tel besleme ile ilgili sorunlar varsa spirali değiştirin.



Gaz nozulunu ve gaz difüzörünü düzenli aralıklarla temizleyin. Çapak önleyici sprey kullanın.



Kablonun durumunu kontrol edin ve periyodik olarak devam edin. Onarımlar yalnızca nitelikli personel tarafından gerçekleştirilebilir.



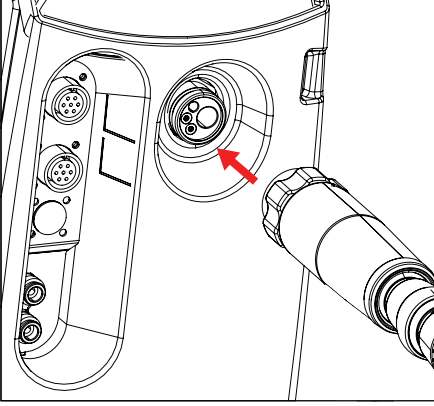
Daima orijinal Trafimet yedek parçalarını ve sarf malzemelerini kullanın.

İŞLEYİŞ:

MIG kaynak torcunun güvenli şekilde kullanımına ilişkin önemli bilgiler. Torç üzerinde bulunan elektrik kontrollerinin derecesi: 32 VDC 0,05 A.



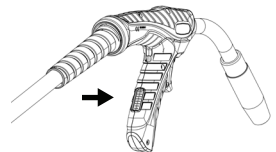
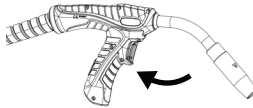
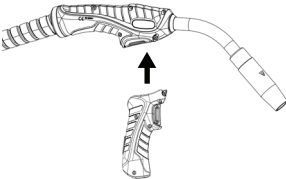
Torcu kullanmadan önce tüm kabloların çalışır durumda olduğundan ve soketlerin doğru şekilde bağlandığından emin olun.

Torç nasıl bağlanır?

Torcu kaynak makinenize bağlayın. Sıkma bileziğini saat yönünde çevirerek soketi yerine sabitleyin.

Pistol kabza nasıl takılır ve çıkarılır

- 1 Pistol kabzanın iç çentiklerini, pistol kabzanın alt tarafı ileriye bakacak şekilde torç üzerindeki yivlerin üzerine oturtun.
- 2 Kilitlemek için pistol kabzayı geriye doğru çekin.
- 3 Pistol kabzayı çıkarmak için, pistol kabzanın arka kısmındaki kilitleme düğmesine basın.



İŞLEYİŞ:

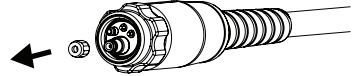
Spiral nasıl takılır ve değiştirilir?

ERGOMEGA MIG kaynak torçları, önceden monte edilmiş spiral ile teslim edilir. Spiralin değiştirilmesi gerekirse bu bölüme bakın. Spiral, aşındığında ve dolgu teli malzemesi değiştiğinde değiştirilmesi gereken bir sarf malzemesidir.

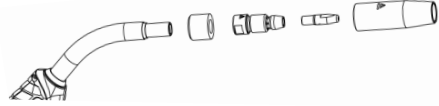


Dolgu telini farklı bir çap veya malzeme ile değiştirirseniz, tel sürme sistemindeki sürücü makaraları da buna göre değiştirin. Spiral değiştirilmeden önce dolgu teli çıkarılmalıdır.

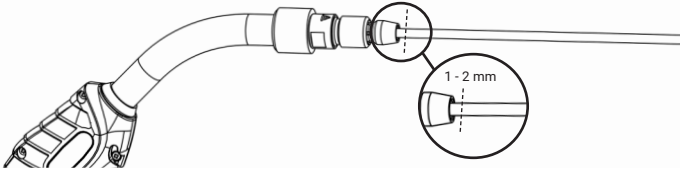
- 1 Torcu düz bir yüzey üzerine yatırın ve spiral somununu sökün.



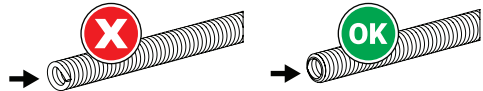
- 2 Gaz nozulunu ve kontak memeyi çıkarın. Spiral, kontak meme tutucunun içinden geçmezse kontak meme tutucuyu da çıkarın.



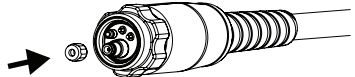
- 3 Spirali 1-2 mm fazla spiral bırakarak kesin.



- 4 Dolgu teline zarar verme olasılığı bulunan pürüzlü kenarları düzeltin.



- 5 Spiral somununu tekrar yerine vidalayarak bir alet ile sıkın.



DESCRIPTIONS OF SYMBOLS



	Description
	Length
	Thickness
	Diameter
Gr	Weight of TIG ceramic nozzles
	Connection type
	Plasma cutting torch type
	MIG (GMAW) welding torch type
	TIG (GTAW) welding torch type
	Tungsten electrode type
REF	International reference
	Quantity per pack
PCS X	Pieces per blister
X	Blisters per box
PCS X	Pieces per box/kit
	Air cooling
	Water cooling
	Plasma torch weight at a height of 1 meter
	MIG torch weight at a height of 1 meter
	TIG torch weight at a height of 1 meter
NO HF	Plasma torch without high frequency
HF	Plasma torch with high frequency
V PEAK	Voltage class
	Air pressure
	Air consumption
	Cutting thickness

	Cooling liquid pressure
V MOTOR	Motor voltage
	Gas type
X 35%	Duty cycle @ 35%
X 60%	Duty cycle @ 60%
X 100%	Duty cycle @ 100%
A	Ampere
	Wire diameter
Ø SPEED	Wire feed speed
	Electrode diameter
	Contact cutting short wear parts
	Contact cutting long wear parts
	Drag cutting short wear parts
	Drag cutting long wear parts
	Gouging wear parts
	Tip hole to be used with the flow meter during the air flow test
Ø RING	O-ring (used for liners)
	Fixed head (used for liners)
	Passing head (used for liners)
Ø INT	Internal diameter
Ø EXT	External diameter
Ø NO COVER	External diameter without cover (used for liners)
	Hexagon size
AWG	American Wire Gauge
	Cable size (diameter)

ERGOMEGA 30

CE EN60974-7



CODE				
MA4501A030	3 m	10'		1
MA4501A040	4 m	12'		1
MA4501A050	5 m	16.4'		1

CODE				
MA4501A030A	3 m	10'		1
MA4501A040A	4 m	12'		1
MA4501A050A	5 m	16.4'		1



CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

Kit to be assembled by a qualified technician.
See the Kits for Connector relevant page.

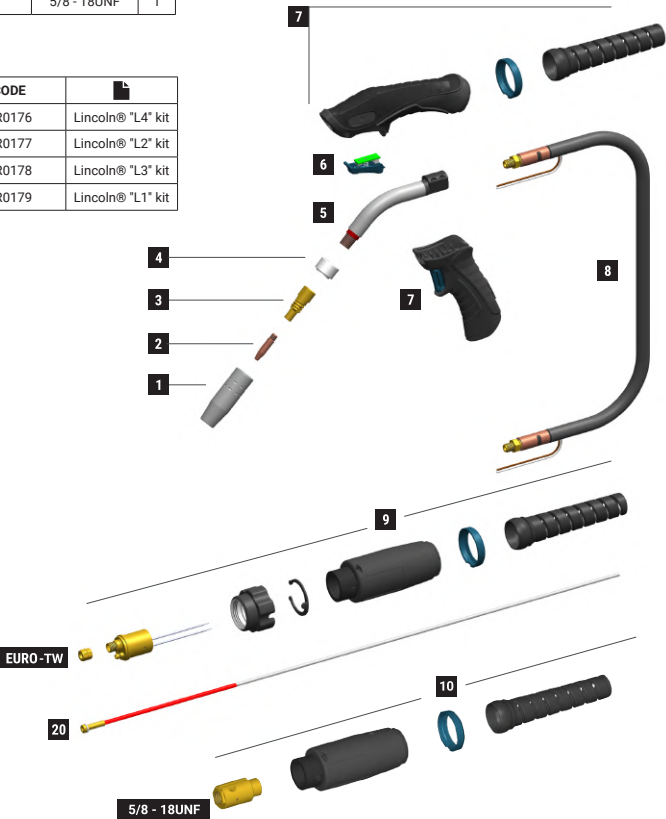
TECHNICAL DATA		
ERGOMEGA 30		
	1,00 Kg	2.20 lb
	113	
	0,8 ÷ 1,2 mm	.030" ÷ .045"
	300A CO2 - 250A Mix	

MIG

Standard equipment
in all torch packages

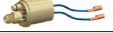
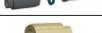


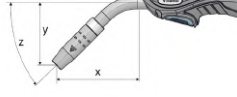
MT0566



	CODE			Ø				REF	
1	MC0008		nozzle	11 mm	7/16"	71 mm	2-51/64"	-	5
1	MC0009		nozzle	14 mm	9/16"	71 mm	2-51/64"	-	5
1	MC0010		nozzle	18 mm	23/32"	71 mm	2-51/64"	-	5
1	MC0128		nozzle	16 mm	5/8"	71 mm	2-51/64"	-	5
1	MC0129		tapered nozzle	14 mm	9/16"	71 mm	2-51/64"	-	10
2	MD0300-78		M7x1 - CuCrZr	0,8 mm	.030"	36 mm	1"-13/32	-	20
2	MD0300-80		M7x1 - CuCrZr	1,0 mm	.040"	36 mm	1"-13/32	-	20
2	MD0300-82		M7x1 - CuCrZr	1,2 mm	.045"	36 mm	1"-13/32	-	20
2	MD0300-84		M7x1 - CuCrZr	1,4 mm	.052"	36 mm	1"-13/32	-	20
2	MD0300-86		M7x1 - CuCrZr	1,6 mm	1/16"	36 mm	1"-13/32	-	20
3	ME0372-SP		M7 - brass			42,4 mm	1-43/64"	-	5
3	ME0381-SP		M7 - brass long			44,4 mm	1-3/4"	-	5
20	GM0012		red steel liner for EURO-TW connector	1,0 ÷ 1,2 mm	.040" ÷ .045"	5 m	16.4'	42-4045-15	1

	CODE			
4	BW1387-SP		front insulator	3
5	MF1546-SP		Ergomega 30 torch head	1
6	MT0563		trigger kit	1
7	MT0592		handle kit	1
7	MT0566		pistol grip	1
8	MH0840-030-SP		coaxial cable - 3m / 10'	1
8	MH0840-040-SP		coaxial cable - 4m / 12'	1

	CODE			
8	MH0840-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro- metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(°)	
MF1546-SP	118	89	45	



ERGOMEGA MIG WELDING TORCH

ERGOMEGA TW30

CE EN60974-7



CODE				
MA4501C030	3 m	10'		1
MA4501C040	4 m	12'		1
MA4501C050	5 m	16.4'		1

CODE				
MA4501C030A	3 m	10'		1
MA4501C040A	4 m	12'		1
MA4501C050A	5 m	16.4'		1

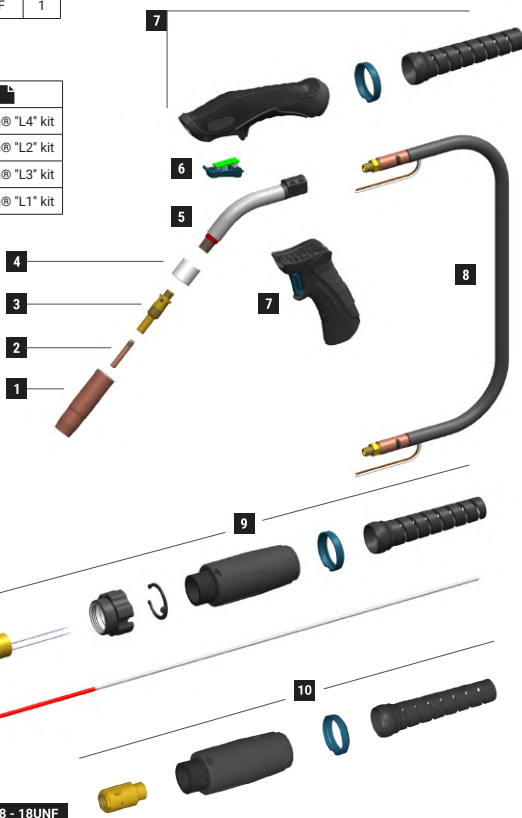


CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

Kit to be assembled by a qualified technician.
See the Kits for Connector relevant page.

TECHNICAL DATA		
	ERGOMEGA TW30	
	1,00 Kg	2.20 lb
	V PEAK 113	
	0,8 ÷ 1,2 mm	.030" ÷ .045"
	X 60% 300A CO2 - 250A Mix	



MIG

Standard equipment
in all torch packages

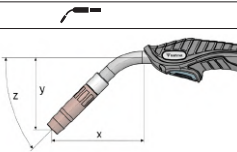


MT0566

	CODE			Ø				REF	
1	MC0042		insulated nozzle	9,5 mm	3/8"	82,8 mm	3"	23-37	10
1	MC0043		insulated nozzle	13 mm	1/2"	82,8 mm	3"	23-50	10
1	MC0044		insulated nozzle	16 mm	5/8"	82,8 mm	3"	23-62	10
1	MC0143		insulated nozzle	19 mm	3/4"	82,8 mm	3"	23-75	10
2	MD0003-08		1/4-28 UNF - Cu	0,8 mm	.030"	38 mm	1"-1/2	14-30	20
2	MD0003-09		1/4-28 UNF - Cu	0,9 mm	.035"	38 mm	1"-1/2	14-35	20
2	MD0003-10		1/4-28 UNF - Cu	1,0 mm	.040"	38 mm	1"-1/2	14-40	20
2	MD0003-12		1/4-28 UNF - Cu	1,2 mm	.045"	38 mm	1"-1/2	14-45	20
2	MD0003-14		1/4-28 UNF - Cu	1,4 mm	.052"	38 mm	1"-1/2	14-52	20
2	MD0003-16		1/4-28 UNF - Cu	1,6 mm	1/16"	38 mm	1"-1/2	14-116	20
3	ME0019		1/4-28 UNF - brass			57,5 mm	2-17/64"	52FN	10
20	GM0012		red steel liner for EURO-TW connector	1,0 ÷ 1,2 mm	.040" ÷ .045"	5 m	16.4'	42-4045-15	1

	CODE			
4	BW1388-SP		front insulator	3
4	BW1394-SP		front insulator for MQ0130	3
5	MF1546-SP		Ergomega 30 torch head	1
6	MT0563		trigger kit	1
7	MT0592		handle kit	1
7	MT0566		pistol grip	1
8	MH0840-030-SP		coaxial cable - 3m / 10'	1

	CODE			
8	MH0840-040-SP		coaxial cable - 4m / 12'	1
8	MH0840-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro- metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit Euro	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(°)	
MF1546-SP	130	101	45	

ERGOMEGA B30

CE EN60974-7



CODE				
MA4501F030	3 m	10'		1
MA4501F040	4 m	12'		1
MA4501F050	5 m	16.4'		1

TECHNICAL DATA		
ERGOMEGA B30		
	1,00 Kg	2.20 lb
	113	
	0,8 ÷ 1,2 mm	.030" ÷ .045"
	300A CO2 - 250A Mix	

CODE				
MA4501F030A	3 m	10'		1
MA4501F040A	4 m	12'		1
MA4501F050A	5 m	16.4'		1



CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

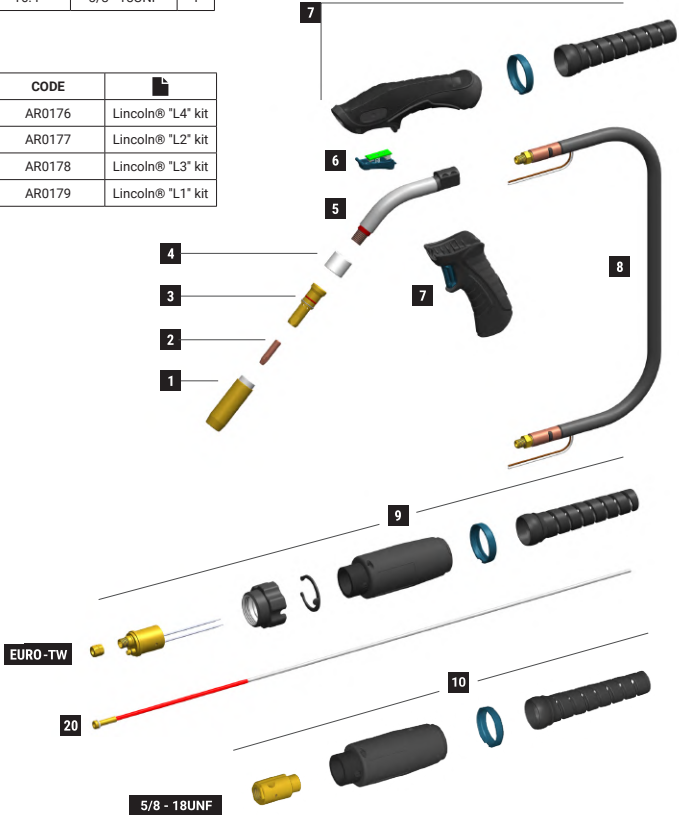
Kit to be assembled by a qualified technician.
See the Kits for Connector relevant page.

MIG

Standard equipment
in all torch packages



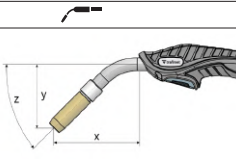
MT0566



	CODE			Ø				REF	
1	MC0415		brass nozzle	12,5 mm	1/2"	67 mm	2-3/8"	4392	10
1	MC0416		copper nozzle	12,5 mm	1/2"	67 mm	2-3/8"	4394	10
1	MC0417		brass nozzle	16 mm	5/8"	67 mm	2-3/8"	4391	10
1	MC0418		copper nozzle	16 mm	5/8"	67 mm	2-3/8"	4393	10
2	MD0215-08		Cu	0,8 mm	.030"	32,4 mm	1"-1/4	7488	20
2	MD0215-09		Cu	0,9 mm	.035"	32,4 mm	1"-1/4	7489	20
2	MD0215-10		Cu	1,0 mm	.040"	32,4 mm	1"-1/4	7496	20
2	MD0215-12		Cu	1,2 mm	.045"	32,4 mm	1"-1/4	7490	20
2	MD0215-14		Cu	1,4 mm	.052"	32,4 mm	1"-1/4	7498	20
2	MD0215-16		Cu	1,6 mm	1/16"	32,4 mm	1"-1/4	7491	20
3	ME0110		brass			53 mm	2-1/16"	4335	10
20	GM0012		red steel liner for EURO-TW connector	1,0 ÷ 1,2 mm	.040" ÷ .045"	5 m	16.4'	42-4045-15	1

	CODE			
4	BW1389-SP		front insulator	3
5	MF1546-SP		Ergomega 30 torch head	1
6	MT0563		trigger kit	1
7	MT0592		handle kit	1
7	MT0566		pistol grip	1
8	MH0840-030-SP		coaxial cable - 3m / 10'	1
8	MH0840-040-SP		coaxial cable - 4m / 12'	1

	CODE			
8	MH0840-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(*)	
MF1546-SP	115	86	45	



ERGOMEGA MIG WELDING TORCH

ERGOMEGA 40

CE EN60974-7



CODE				
MA4502B030	3 m	10'		1
MA4502B040	4 m	12'		1
MA4502B050	5 m	16.4'		1

CODE				
MA4502B030A	3 m	10'		1
MA4502B040A	4 m	12'		1
MA4502B050A	5 m	16.4'		1

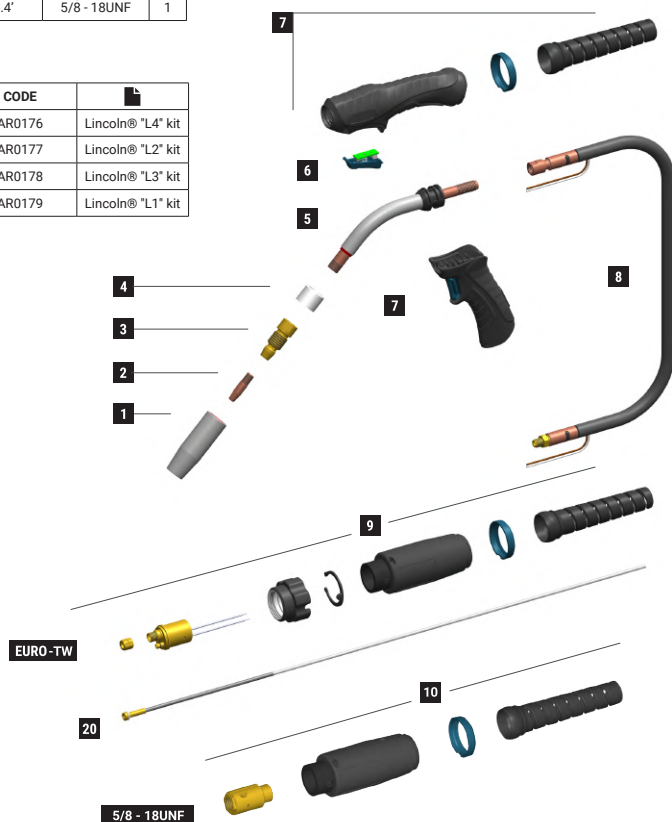


CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

Kit to be assembled by a qualified technician.
See the Kits for Connector relevant page.

TECHNICAL DATA		
	ERGOMEGA 40	
	1,37 Kg	3.02 lb
	113	
	0,8 ÷ 1,6 mm	.030" ÷ 1/16"
	400A CO2 - 350A Mix	



MIG

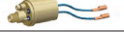
Standard equipment
in all torch packages

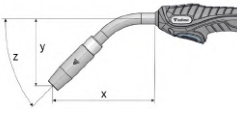


MT0566

	CODE			Ø				REF	
1	MC0011		nozzle	16 mm	5/8"	82 mm	3-7/32"	-	5
1	MC0012		nozzle	18 mm	23/32"	82 mm	3-7/32"	-	5
1	MC0013		nozzle	20 mm	25/32"	82 mm	3-7/32"	-	5
1	MC0298		nozzle	14 mm	9/16"	82 mm	3-7/32"	-	5
2	MD0250-78		M9x1 - CuCrZr	0,8 mm	.030"	38 mm	1"-1/2	-	20
2	MD0250-79		M9x1 - CuCrZr	0,9 mm	.035"	38 mm	1"-1/2	-	20
2	MD0250-80		M9x1 - CuCrZr	1,0 mm	.040"	38 mm	1"-1/2	-	20
2	MD0250-82		M9x1 - CuCrZr	1,2 mm	.045"	38 mm	1"-1/2	-	20
2	MD0250-84		M9x1 - CuCrZr	1,4 mm	.052"	38 mm	1"-1/2	-	20
2	MD0250-86		M9x1 - CuCrZr	1,6 mm	1/16"	38 mm	1"-1/2	-	20
3	ME0370-SP		M9x1 brass			51 mm	2-1/64"	-	5
3	ME0382-SP		M9x1 brass - long			56 mm	2-13/64"	-	5
20	GM0013		grey steel liner for EURO-TW connector	1,2 ÷ 1,6 mm	.045" ÷ 1/16"	5 m	16.4'	44-116-15	1

	CODE			
4	BW1390-SP		front insulator	3
5	MF1547-SP		Ergomega 40 torch head	1
6	MT0563		trigger kit	1
7	MT0577		handle kit	1
7	MT0566		pistol grip	1
8	MH0841-030-SP		coaxial cable - 3m / 10'	1
8	MH0841-040-SP		coaxial cable - 4m / 12'	1

	CODE			
8	MH0841-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro- metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(°)	
MF1547-SP	167	109	45	



ERGOMEGA MIG WELDING TORCH

ERGOMEGA TW40

CE EN60974-7



CODE				
MA4502D030	3 m	10'		1
MA4502D040	4 m	12'		1
MA4502D050	5 m	16.4'		1

CODE				
MA4502D030A	3 m	10'		1
MA4502D040A	4 m	12'		1
MA4502D050A	5 m	16.4'		1

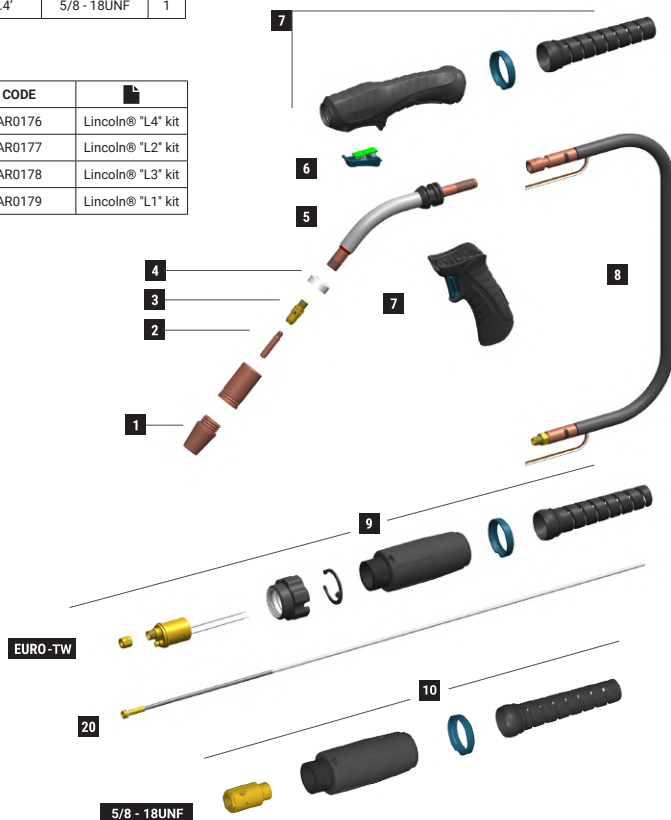


CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

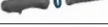
CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

Kit to be assembled by a qualified technician.
See the Kits for Connector relevant page.

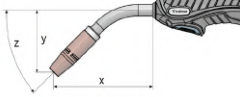
TECHNICAL DATA		
	ERGOMEGA TW40	
	1,37 Kg	3.02 lb
	V PEAK 113	
	0,8 ÷ 1,6 mm	.030" ÷ 1/16"
	X 60% 400A CO2 - 350A Mix	



	CODE			Ø				REF	
1	MC0039		nozzle	13 mm	1/2"	44,5 mm	1"-3/4	24CT-50S	10
1	MC0040		nozzle	16 mm	5/8"	44,5 mm	1"-3/4	24CT-62S	10
1	MC0041		nozzle	19 mm	3/4"	44,5 mm	1"-3/4	24CT-75S	10
1	MC0035		nozzle insulator			49 mm	1"-15/16	34CT	10
2	MD0004-08		1/4-28 UNF - Cu	0,8 mm	.030"	37,4 mm	1" 15/32	14H30	20
2	MD0004-09		1/4-28 UNF - Cu	0,9 mm	.035"	37,4 mm	1" 15/32	14H35	20
2	MD0004-10		1/4-28 UNF - Cu	1,0 mm	.040"	37,4 mm	1" 15/32	14H40	20
2	MD0004-12		1/4-28 UNF - Cu	1,2 mm	.045"	37,4 mm	1" 15/32	14H45	20
2	MD0004-14		1/4-28 UNF - Cu	1,4 mm	.052"	37,4 mm	1" 15/32	14H52	20
2	MD0004-16		1/4-28 UNF - Cu	1,6 mm	1/16"	37,4 mm	1" 15/32	14H116	20
3	ME0020		1/4-28 UNF - brass			32 mm	1-17/64"	54A	10
20	GM0013		grey steel liner for EURO-TW connector	1,2 ÷ 1,6 mm	.045" ÷ 1/16"	5 m	16.4'	44-116-15	1

	CODE			
4	BW1391-SP		front insulator	3
5	MF1547-SP		Ergomega 40 torch head	1
6	MT0563		trigger kit	1
7	MT0577		handle kit	1
7	MT0566		pistol grip	1
8	MH0841-030-SP		coaxial cable - 3m / 10'	1
8	MH0841-040-SP		coaxial cable - 4m / 12'	1

	CODE			
8	MH0841-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro- metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit Euro	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(°)	
MF1547-SP	157	99	45	



ERGOMEGA MIG WELDING TORCH

ERGOMEGA B40

CE EN60974-7



CODE	↔			
MA4502G030	3 m	10'		1
MA4502G040	4 m	12'		1
MA4502G050	5 m	16.4'		1

CODE	↔			
MA4502G030A	3 m	10'		1
MA4502G040A	4 m	12'		1
MA4502G050A	5 m	16.4'		1



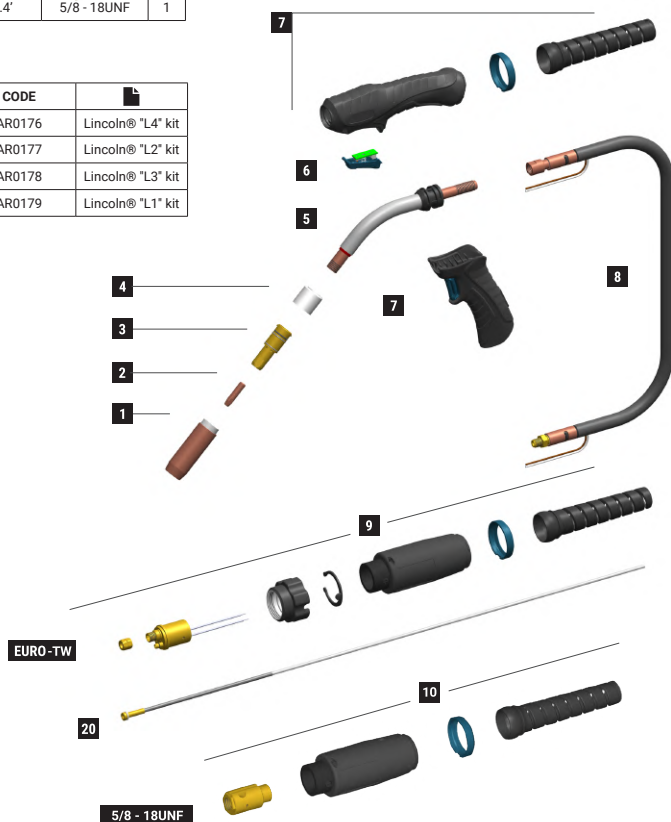
CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

Kit to be assembled by a qualified technician.

See the Kits for Connector relevant page.

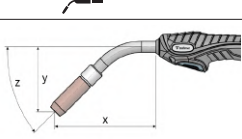
TECHNICAL DATA		
ERGOMEGA B40		
	1,37 Kg	3.02 lb
	113	
	0,8 ÷ 1,6 mm	.030" ÷ 1/16"
	400A CO2 - 350A Mix	



	CODE			Ø				REF	
1	MC0420		brass nozzle	19 mm	3/4"	74,5 mm	2-11/16"	4491	10
1	MC0421		copper nozzle	19 mm	3/4"	74,5 mm	2-11/16"	4591	10
1	MC0422		brass nozzle	14 mm	9/16"	74,5 mm	2-11/16"	4492	10
1	MC0423		copper nozzle	14 mm	9/16"	74,5 mm	2-11/16"	4592	10
2	MD0215-08		Cu	0,8 mm	.030"	32,4 mm	1"-1/4	7488	20
2	MD0215-09		Cu	0,9 mm	.035"	32,4 mm	1"-1/4	7489	20
2	MD0215-10		Cu	1,0 mm	.040"	32,4 mm	1"-1/4	7496	20
2	MD0215-12		Cu	1,2 mm	.045"	32,4 mm	1"-1/4	7490	20
2	MD0215-14		Cu	1,4 mm	.052"	32,4 mm	1"-1/4	7498	20
2	MD0215-16		Cu	1,6 mm	1/16"	32,4 mm	1"-1/4	7491	20
3	ME0116-SP		brass			56,5 mm	2-7/32"	-	5
20	GM0013		grey steel liner for EURO-TW connector	1,2 ÷ 1,6 mm	.045" ÷ 1/16"	5 m	16.4'	44-116-15	1

	CODE			
4	BW1392-SP		front insulator	3
5	MF1547-SP		Ergomega 40 torch head	1
6	MT0563		trigger kit	1
7	MT0577		handle kit	1
7	MT0566		pistol grip	1
8	MH0841-030-SP		coaxial cable - 3m / 10'	1
8	MH0841-040-SP		coaxial cable - 4m / 12'	1

	CODE			
8	MH0841-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(°)	
MF1547-SP	162	104	45	



ERGOMEGA MIG WELDING TORCH

ERGOMEGA 50

CE EN60974-7



CODE	↔			
MA4503B030	3 m	10'		1
MA4503B040	4 m	12'		1
MA4503B050	5 m	16.4'		1

CODE	↔			
MA4503B030A	3 m	10'		1
MA4503B040A	4 m	12'		1
MA4503B050A	5 m	16.4'		1

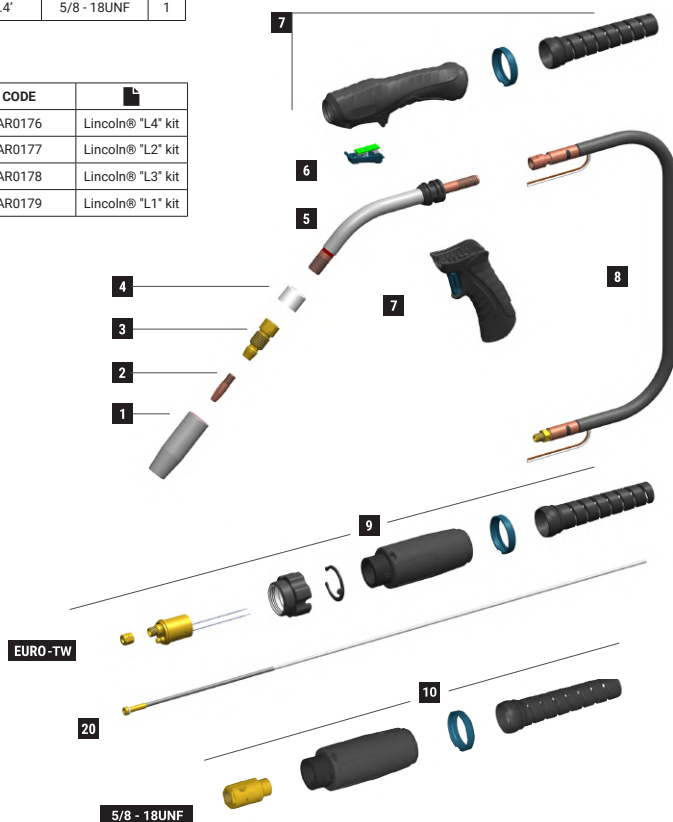


CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

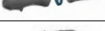
CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

Kit to be assembled by a qualified technician.
See the Kits for Connector relevant page.

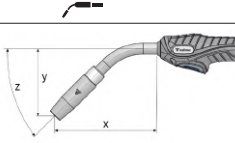
TECHNICAL DATA		
ERGOMEGA 50		
	1,65 Kg	3.64 lb
	113	
	0,8 ÷ 1,6 mm	.030" ÷ 1/16"
	500A CO2 - 450A Mix	



	CODE			Ø		↔		REF	
1	MC0011		heavy duty nozzle	16 mm	5/8"	82 mm	3-7/32"	-	5
1	MC0012		heavy duty nozzle	18 mm	23/32"	82 mm	3-7/32"	-	5
1	MC0013		heavy duty nozzle	20 mm	25/32"	82 mm	3-7/32"	-	5
1	MC0298		heavy duty nozzle	14 mm	9/16"	82 mm	3-7/32"	-	5
2	MD0250-78		M9x1 - CuCrZr	0,8 mm	.030"	38 mm	1"-1/2	-	20
2	MD0250-79		M9x1 - CuCrZr	0,9 mm	.035"	38 mm	1"-1/2	-	20
2	MD0250-80		M9x1 - CuCrZr	1,0 mm	.040"	38 mm	1"-1/2	-	20
2	MD0250-82		M9x1 - CuCrZr	1,2 mm	.045"	38 mm	1"-1/2	-	20
2	MD0250-84		M9x1 - CuCrZr	1,4 mm	.052"	38 mm	1"-1/2	-	20
2	MD0250-86		M9x1 - CuCrZr	1,6 mm	1/16"	38 mm	1"-1/2	-	20
3	ME0373-SP		M9x1 brass			51 mm	2-1/64"	-	5
3	ME0383-SP		M9x1 brass - long			56 mm	2-13/64"	-	5
20	GM0013		grey steel liner for EURO-TW connector	1,2 ÷ 1,6 mm	.045" ÷ 1/16"	5 m	16.4'	44-116-15	1

	CODE			
4	BW1393-SP		front insulator	3
5	MF1548-SP		Ergomega 50 torch head	1
6	MT0563		trigger kit	1
7	MT0577		handle kit	1
7	MT0566		pistol grip	1
8	MH0842-030-SP		coaxial cable - 3m / 10'	1
8	MH0842-040-SP		coaxial cable - 4m / 12"	1

	CODE			
8	MH0842-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro- metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(°)	
MF1548-SP	192	109	45	

ERGOMEGA TW50

CE EN60974-7



CODE				
MA4503E030	3 m	10'		1
MA4503E040	4 m	12'		1
MA4503E050	5 m	16.4'		1

TECHNICAL DATA		
ERGOMEGA TW50		
	1,65 Kg	3.64 lb
	113	
	0,8 ÷ 1,6 mm	.030" ÷ 1/16"
	500A CO2 - 450A Mix	

CODE				
MA4503E030A	3 m	10'		1
MA4503E040A	4 m	12'		1
MA4503E050A	5 m	16.4'		1



CODE	
AR0170	Tweco® 1-4 kit
AR0171	Tweco® 5 kit
AR0172	Lincoln® "L" kit
AR0173	Miller® "M" kit

CODE	
AR0176	Lincoln® "L4" kit
AR0177	Lincoln® "L2" kit
AR0178	Lincoln® "L3" kit
AR0179	Lincoln® "L1" kit

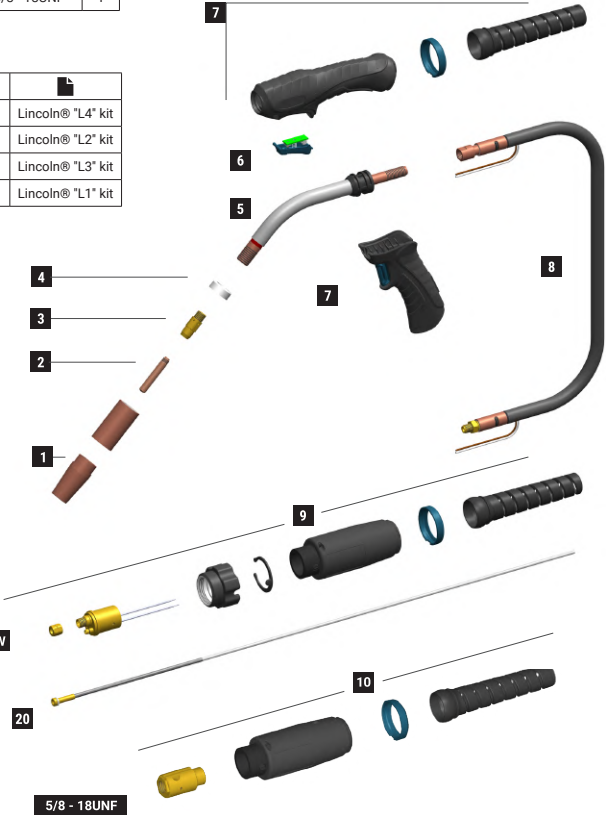
Kit to be assembled by a qualified technician.
See the Kits for Connector relevant page.

MIG

Standard equipment
in all torch packages



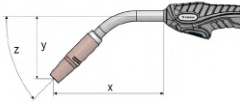
MT0566



	CODE			Ø				REF	
1	MC0280		nozzle	13 mm	1/2"	44,5 mm	1"-15/16	25CT-50	10
1	MC0281		nozzle	19 mm	3/4"	44,5 mm	1"-15/16	25CT-75	10
1	MC0282		nozzle	16 mm	5/8"	44,5 mm	1"-15/16	25CT-62	10
1	MC0283		nozzle insulator			49 mm	1"-15/16	35CT	10
2	MD0010-09		5/16-24 UNF - Cu	0,9 mm	.030"	50 mm	1" 31/32	15H35	20
2	MD0010-12		5/16-24 UNF - Cu	1,2 mm	.045"	50 mm	1" 31/32	15H45	20
2	MD0010-14		5/16-24 UNF - Cu	1,4 mm	.040"	50 mm	1" 31/32	15H52	20
2	MD0010-16		5/16-24 UNF - Cu	1,6 mm	1/16"	50 mm	1" 31/32	15H116	20
3	ME0021		5/16-24 UNF - brass			35 mm	1"-3/8	55	10
20	GM0013		grey steel liner for EURO-TW connector	1,2 ÷ 1,6 mm	.045" ÷ 1/16"	5 m	16.4'	44-116-15	1

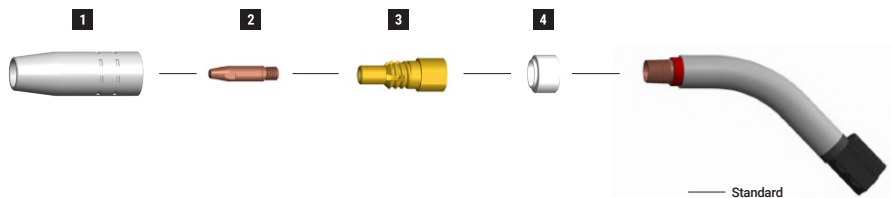
	CODE			
4	BW1391-SP		front insulator	3
5	MF1548-SP		Ergomega 50 torch head	1
6	MT0563		trigger kit	1
7	MT0577		handle kit	1
7	MT0566		pistol grip	1
8	MH0842-030-SP		coaxial cable - 3m / 10'	1
8	MH0842-040-SP		coaxial cable - 4m / 12'	1

	CODE			
8	MH0842-050-SP		coaxial cable - 5m / 16.4'	1
9	AR0083		Euro-Tw connector	1
9	BW0020		Euro metal nut	10
9	FA0027		Euro-Tw nut	10
9	MT0565		back box kit Euro	1
10	FB0395-SP		5/8-18UNF power connector	1

CODE	X(mm)	Y(mm)	Z(°)	
MF1548-SP	193	110	45	



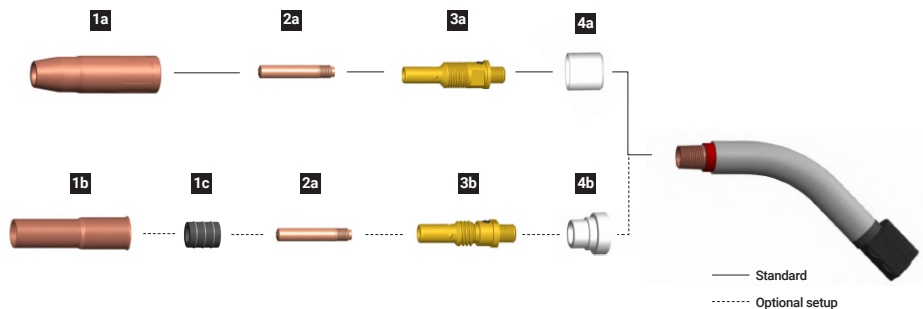
ERGOMEGA 30



CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1	MC0008		nozzle	11 mm	7/16"	71 mm	2-51/64"	-	5
1	MC0009		nozzle	14 mm	9/16"	71 mm	2-51/64"	-	5
1	MC0010		nozzle	18 mm	23/32"	71 mm	2-51/64"	-	5
1	MC0128		nozzle	16 mm	5/8"	71 mm	2-51/64"	-	5
1	MC0129		tapered nozzle	14 mm	9/16"	71 mm	2-51/64"	-	10
2	MD0300-08		M7x1 - Cu	0,8 mm	.030"	36 mm	1"-13/32	-	20
2	MD0300-09		M7x1 - Cu	0,9 mm	.035"	36 mm	1"-13/32	-	20
2	MD0300-10		M7x1 - Cu	1,0 mm	.040"	36 mm	1"-13/32	-	20
2	MD0300-12		M7x1 - Cu	1,2 mm	.045"	36 mm	1"-13/32	-	20
2	MD0300-14		M7x1 - Cu	1,4 mm	.052"	36 mm	1"-13/32	-	20
2	MD0300-16		M7x1 - Cu	1,6 mm	1/16"	36 mm	1"-13/32	-	20
2	MD0300-58		M7x1 - Cu for aluminium	0,8 mm	.030"	36 mm	1"-13/32	-	20
2	MD0300-59		M7x1 - Cu for aluminium	0,9 mm	.035"	36 mm	1"-13/32	-	20
2	MD0300-60		M7x1 - Cu for aluminium	1,0 mm	.040"	36 mm	1"-13/32	-	20
2	MD0300-62		M7x1 - Cu for aluminium	1,2 mm	.045"	36 mm	1"-13/32	-	20
2	MD0300-66		M7x1 - Cu for aluminium	1,6 mm	1/16"	36 mm	1"-13/32	-	20
2	MD0300-78		M7x1 - CuCrZr	0,8 mm	.030"	36 mm	1"-13/32	-	20
2	MD0300-80		M7x1 - CuCrZr	1,0 mm	.040"	36 mm	1"-13/32	-	20
2	MD0300-82		M7x1 - CuCrZr	1,2 mm	.045"	36 mm	1"-13/32	-	20
2	MD0300-84		M7x1 - CuCrZr	1,4 mm	.052"	36 mm	1"-13/32	-	20
2	MD0300-86		M7x1 - CuCrZr	1,6 mm	1/16"	36 mm	1"-13/32	-	20
3	ME0372-SP		M7 - brass			42,4 mm	1-43/64"	-	5
3	ME0381-SP		M7 - brass long			44,4 mm	1-3/4"	-	5
4	BW1387-SP		front insulator			16,5 mm	21/32"	-	3

ERGOMEGA TW30

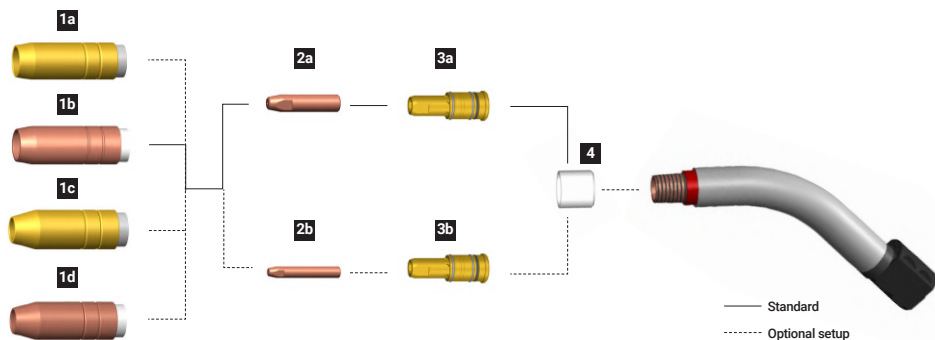


CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1a	MC0042		insulated nozzle	9,5 mm	3/8"	82,8 mm	3"	23-37	10
1a	MC0043		insulated nozzle	13 mm	1/2"	82,8 mm	3"	23-50	10
1a	MC0044		insulated nozzle	16 mm	5/8"	82,8 mm	3"	23-62	10
1a	MC0143		insulated nozzle	19 mm	3/4"	82,8 mm	3"	23-75	10
1b	MC0234		nozzle	13 mm	1/2"	77,5 mm	3"-1/16	22-50	10
1b	MC0235		nozzle	16 mm	5/8"	77,5 mm	3"-1/16	22-62	10
1c	MQ0130		insulator			22,4 mm	7/8"	32	10
2a	MD0003-08		1/4-28 UNF - Cu	0,8 mm	.030"	38 mm	1"-1/2	14-30	20
2a	MD0003-09		1/4-28 UNF - Cu	0,9 mm	.035"	38 mm	1"-1/2	14-35	20
2a	MD0003-10		1/4-28 UNF - Cu	1,0 mm	.040"	38 mm	1"-1/2	14-40	20
2a	MD0003-12		1/4-28 UNF - Cu	1,2 mm	.045"	38 mm	1"-1/2	14-45	20
2a	MD0003-14		1/4-28 UNF - Cu	1,4 mm	.052"	38 mm	1"-1/2	14-52	20
2a	MD0003-16		1/4-28 UNF - Cu	1,6 mm	1/16"	38 mm	1"-1/2	14-116	20
2a	MD0003-62		1/4-28 UNF - Cu	1,2 mm	.045"	38 mm	1"-1/2	14A364	20
3a	ME0019		1/4-28 UNF - brass			57,5 mm	2-17/64"	52FN	10
3b	ME0062		1/4-28 UNF - brass			50,5 mm	1-63/64"	52	10
4a	BW1388-SP		front insulator			23 mm	29/32"	-	3
4b	BW1394-SP		front insulator			23 mm	29/32"	-	3



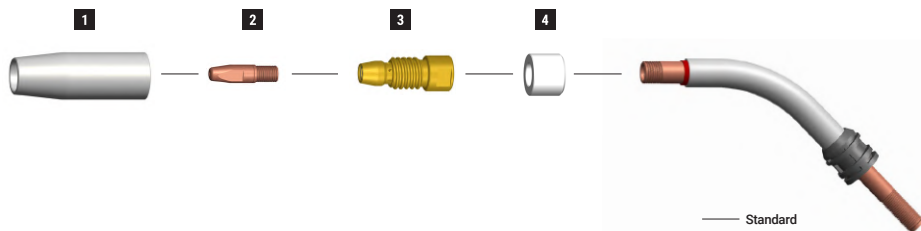
ERGOMEGA B30



CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1a	MC0417		brass nozzle	16 mm	5/8"	67 mm	2-3/8"	4391	10
1b	MC0418		copper nozzle	16 mm	5/8"	67 mm	2-3/8"	4393	10
1c	MC0415		brass nozzle	12,5 mm	1/2"	67 mm	2-3/8"	4392	10
1d	MC0416		copper nozzle	12,5 mm	1/2"	67 mm	2-3/8"	4394	10
2a	MD0215-08		Cu	0,8 mm	.030"	32,4 mm	1"-1/4	7488	20
2a	MD0215-09		Cu	0,9 mm	.035"	32,4 mm	1"-1/4	7489	20
2a	MD0215-10		Cu	1,0 mm	.040"	32,4 mm	1"-1/4	7496	20
2a	MD0215-12		Cu	1,2 mm	.045"	32,4 mm	1"-1/4	7490	20
2a	MD0215-14		Cu	1,4 mm	.052"	32,4 mm	1"-1/4	7498	20
2a	MD0215-16		Cu	1,6 mm	1/16"	32,4 mm	1"-1/4	7491	20
2b	MD0214-08		Cu	0,8 mm	.030"	50,9 mm	2"	1588	20
2b	MD0214-09		Cu	0,9 mm	.035"	50,9 mm	2"	1589	20
2b	MD0214-10		Cu	1,0 mm	.040"	50,9 mm	2"	1596	20
2b	MD0214-12		Cu	1,2 mm	.045"	50,9 mm	2"	1590	20
2b	MD0214-14		Cu	1,4 mm	.052"	50,9 mm	2"	1598	20
2b	MD0214-16		Cu	1,6 mm	1/16"	50,9 mm	2"	1591	20
3a	ME0110		brass			53 mm	2-1/16"	4335	10
3b	ME0109		brass			53 mm	2-1/16"	4235	10
4	BW1389-SP		front insulator			21 mm	53/64"	-	3

ERGOMEGA 40

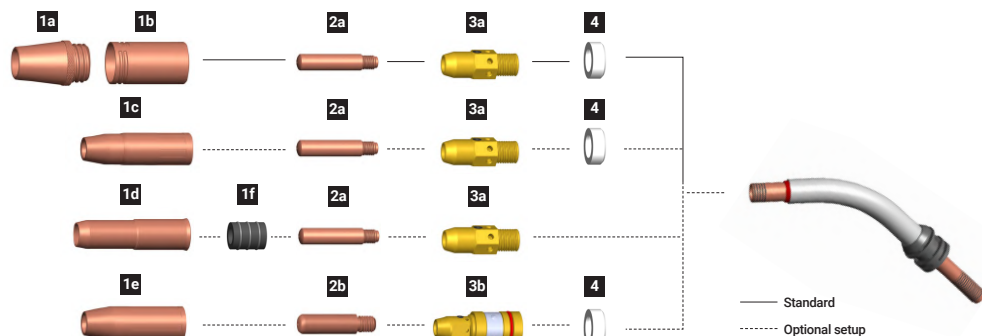


CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1	MC0011		nozzle	16 mm	5/8"	82 mm	3-7/32"	-	5
1	MC0012		nozzle	18 mm	23/32"	82 mm	3-7/32"	-	5
1	MC0013		nozzle	20 mm	25/32"	82 mm	3-7/32"	-	5
1	MC0298		nozzle	14 mm	9/16"	82 mm	3-7/32"	-	5
2	MD0250-60		M9x1 - Cu for aluminium	1,0 mm	.040"	38 mm	1"-1/2	-	20
2	MD0250-62		M9x1 - Cu for aluminium	1,2 mm	.045"	38 mm	1"-1/2	-	20
2	MD0250-66		M9x1 - Cu for aluminium	1,6 mm	1/16"	38 mm	1"-1/2	-	20
2	MD0250-78		M9x1 - CuCrZr	0,8 mm	.030"	38 mm	1"-1/2	-	20
2	MD0250-79		M9x1 - CuCrZr	0,9 mm	.035"	38 mm	1"-1/2	-	20
2	MD0250-80		M9x1 - CuCrZr	1,0 mm	.040"	38 mm	1"-1/2	-	20
2	MD0250-82		M9x1 - CuCrZr	1,2 mm	.045"	38 mm	1"-1/2	-	20
2	MD0250-84		M9x1 - CuCrZr	1,4 mm	.052"	38 mm	1"-1/2	-	20
2	MD0250-86		M9x1 - CuCrZr	1,6 mm	1/16"	38 mm	1"-1/2	-	20
3	ME0370-SP		M9x1 brass			51 mm	2-1/64"	-	5
3	ME0382-SP		M9x1 brass - long			56 mm	2-13/64"	-	5
4	BW1390-SP		front insulator			21 mm	53/64"	-	3



ERGOMEGA TW40



CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1a	MC0039		nozzle	13 mm	1/2"	44,5 mm	1"-3/4	24CT-50S	10
1a	MC0040		nozzle	16 mm	5/8"	44,5 mm	1"-3/4	24CT-62S	10
1a	MC0041		nozzle	19 mm	3/4"	44,5 mm	1"-3/4	24CT-75S	10
1b	MC0035		nozzle insulator			49 mm	1"-15/16	34CT	10
1c	MC0042		insulated nozzle	9,5 mm	3/8"	82,8 mm	3"	23-37	10
1c	MC0043		insulated nozzle	13 mm	1/2"	82,8 mm	3"	23-50	10
1c	MC0044		insulated nozzle	16 mm	5/8"	82,8 mm	3"	23-62	10
1c	MC0143		insulated nozzle	19 mm	3/4"	82,8 mm	3"	23-75	10
1d	MC0145		nozzle	13 mm	1/2"	88 mm	3"-15/32	24A-50	10
1d	MC0146		nozzle	16 mm	5/8"	88 mm	3"-15/32	24A-62	10
1d	MC0147		nozzle	19 mm	3/4"	88 mm	3"-15/32	24A-75	10
1e	MC0073-SP		insulated nozzle	13	1/2"	83.5	3-9/32"	HD24-50	10
1e	MC0074-SP		insulated nozzle	16	5/8"	83.5	3-9/32"	HD24-62	10
1e	MC0075-SP		insulated nozzle	20	25/32"	83.5	3-9/32"	HD24-75	10
1f	MQ0131		insulator			27,4 mm	1-5/64"	34A	10

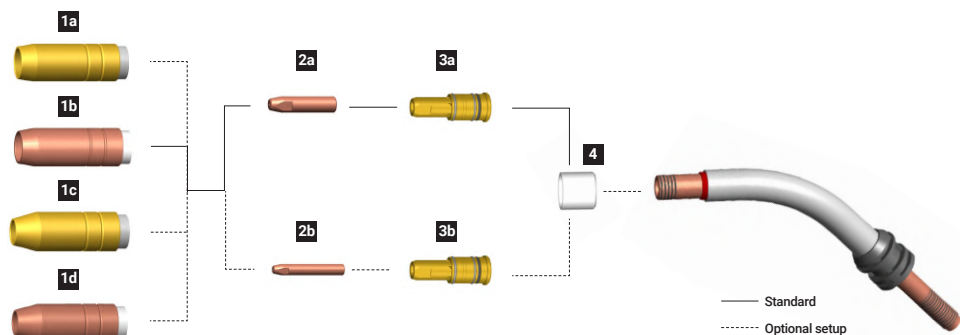
CONSUMABLES SELECTION

	CODE			Ø			REF		
2a	MD0004-08		1/4-28 UNF - Cu	0,8 mm	.030"	37,4 mm	1" 15/32	14H30	20
2a	MD0004-09		1/4-28 UNF - Cu	0,9 mm	.035"	37,4 mm	1" 15/32	14H35	20
2a	MD0004-10		1/4-28 UNF - Cu	1,0 mm	.040"	37,4 mm	1" 15/32	14H40	20
2a	MD0004-12		1/4-28 UNF - Cu	1,2 mm	.045"	37,4 mm	1" 15/32	14H45	20
2a	MD0004-14		1/4-28 UNF - Cu	1,4 mm	.052"	37,4 mm	1" 15/32	14H52	20
2a	MD0004-16		1/4-28 UNF - Cu	1,6 mm	1/16"	37,4 mm	1" 15/32	14H116	20
2a	MD0004-62		1/4-28 UNF - Cu for aluminium	1,2 mm	.045"	37,4 mm	1"-15/32	-	20
2a	MD0004-66		1/4-28 UNF - Cu for aluminium	1,6 mm	1/16"	37,4 mm	1"-15/32	-	20
2b	MD0007-09-SP		M8x1,25 - Cu	0,9 mm	.035"	38 mm	1-1/2"	16S-35	20
2b	MD0007-10-SP		M8x1,25 - Cu	1,0 mm	.040"	38 mm	1-1/2"	16S-40	20
2b	MD0007-12-SP		M8x1,25 - Cu	1,2 mm	.045"	38 mm	1-1/2"	16S-45	20
2b	MD0007-14-SP		M8x1,25 - Cu	1,3 mm	.052"	38 mm	1-1/2"	16S-52	20
2b	MD0007-16-SP		M8x1,25 - Cu	1,6 mm	1/16"	38 mm	1-1/2"	16S-116	20
2b	MD0007-62-SP		M8x1,25 - Cu for aluminium	1,2 mm	.045"	38 mm	1-1/2"	16AS-364	20
2b	MD0007-66-SP		M8x1,25 - Cu for aluminium	1,6 mm	1/16"	38 mm	1-1/2"	16AS-116	20
3a	ME0020		1/4-28 UNF - brass			32 mm	1-17/64"	54A	10
3b	ME0022-SP		M8x1,25 - brass			49,8 mm	1-61/64"	HD54-16	10
4	BW1391-SP		front insulator			10 mm	25/64"	-	3



ERGOMEGA MIG WELDING TORCH

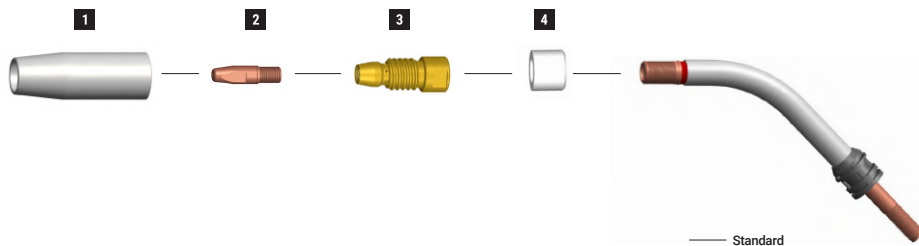
ERGOMEGA B40



CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1a	MC0420		brass nozzle	19 mm	3/4"	74,5 mm	2-11/16"	4491	10
1b	MC0421		copper nozzle	19 mm	3/4"	74,5 mm	2-11/16"	4591	10
1c	MC0422		brass nozzle	14 mm	9/16"	74,5 mm	2-11/16"	4492	10
1d	MC0423		copper nozzle	14 mm	9/16"	74,5 mm	2-11/16"	4592	10
2b	MD0214-08		Cu	0,8 mm	.030"	50,9 mm	2"	1588	20
2b	MD0214-09		Cu	0,9 mm	.035"	50,9 mm	2"	1589	20
2b	MD0214-10		Cu	1,0 mm	.040"	50,9 mm	2"	1596	20
2b	MD0214-12		Cu	1,2 mm	.045"	50,9 mm	2"	1590	20
2b	MD0214-14		Cu	1,4 mm	.052"	50,9 mm	2"	1598	20
2b	MD0214-16		Cu	1,6 mm	1/16"	50,9 mm	2"	1591	20
2a	MD0215-08		Cu	0,8 mm	.030"	32,4 mm	1"-1/4	7488	20
2a	MD0215-09		Cu	0,9 mm	.035"	32,4 mm	1"-1/4	7489	20
2a	MD0215-10		Cu	1,0 mm	.040"	32,4 mm	1"-1/4	7496	20
2a	MD0215-12		Cu	1,2 mm	.045"	32,4 mm	1"-1/4	7490	20
2a	MD0215-14		Cu	1,4 mm	.052"	32,4 mm	1"-1/4	7498	20
2a	MD0215-16		Cu	1,6 mm	1/16"	32,4 mm	1"-1/4	7491	20
3a	ME0116-SP		brass			56,5 mm	2-7/32"	-	5
3b	ME0113-SP		brass			56,5 mm	2-7/32"	-	5
4	BW1392-SP		front insulator			24 mm	15/16"	-	3

ERGOMEGA 50

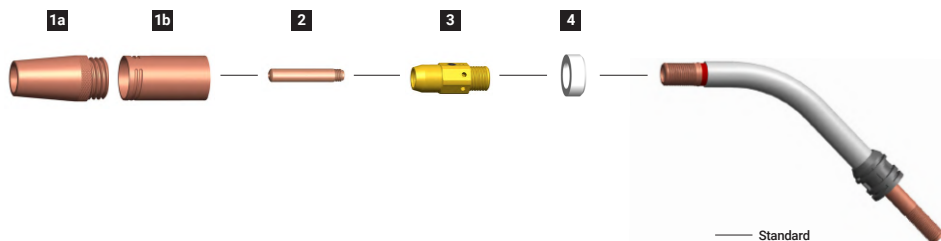


CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1	MC0011		heavy duty nozzle	16 mm	5/8"	82 mm	3-7/32"	-	5
1	MC0012		heavy duty nozzle	18 mm	23/32"	82 mm	3-7/32"	-	5
1	MC0013		heavy duty nozzle	20 mm	25/32"	82 mm	3-7/32"	-	5
1	MC0298		heavy duty nozzle	14 mm	9/16"	82 mm	3-7/32"	-	5
2	MD0250-60		M9x1 - Cu for aluminium	1,0 mm	.040"	38 mm	1"-1/2	-	20
2	MD0250-62		M9x1 - Cu for aluminium	1,2 mm	.045"	38 mm	1"-1/2	-	20
2	MD0250-66		M9x1 - Cu for aluminium	1,6 mm	1/16"	38 mm	1"-1/2	-	20
2	MD0250-78		M9x1 - CuCrZr	0,8 mm	.030"	38 mm	1"-1/2	-	20
2	MD0250-79		M9x1 - CuCrZr	0,9 mm	.035"	38 mm	1"-1/2	-	20
2	MD0250-80		M9x1 - CuCrZr	1,0 mm	.040"	38 mm	1"-1/2	-	20
2	MD0250-82		M9x1 - CuCrZr	1,2 mm	.045"	38 mm	1"-1/2	-	20
2	MD0250-84		M9x1 - CuCrZr	1,4 mm	.052"	38 mm	1"-1/2	-	20
2	MD0250-86		M9x1 - CuCrZr	1,6 mm	1/16"	38 mm	1"-1/2	-	20
3	ME0373-SP		M9x1 brass			51 mm	2-1/64"	-	5
3	ME0383-SP		M9x1 brass - long			56 mm	2-13/64	-	5
4	BW1393-SP		front insulator			21 mm	53/64"	-	3



ERGOMEGA TW50



CONSUMABLES SELECTION

	CODE			Ø		↔		REF	
1a	MC0280		nozzle	13 mm	1/2"	44,5 mm	1"-15/16	25CT-50	10
1a	MC0281		nozzle	19 mm	3/4"	44,5 mm	1"-15/16	25CT-75	10
1a	MC0282		nozzle	16 mm	5/8"	44,5 mm	1"-15/16	25CT-62	10
1b	MC0283		nozzle insulator			49 mm	1"-15/16	35CT	10
2	MD0010-09		5/16-24 UNF - Cu	0,9 mm	.030"	50 mm	1" 31/32	15H35	20
2	MD0010-12		5/16-24 UNF - Cu	1,2 mm	.045"	50 mm	1" 31/32	15H45	20
2	MD0010-14		5/16-24 UNF - Cu	1,4 mm	.040"	50 mm	1" 31/32	15H52	20
2	MD0010-16		5/16-24 UNF - Cu	1,6 mm	1/16"	50 mm	1" 31/32	15H116	20
3	ME0021		5/16-24 UNF - brass			35 mm	1"-3/8	55	10
4	BW1391-SP		front insulator			10 mm	25/64"	-	3



MIG WELDING (GMAW) TORCHES



AIR COOLED
TORCHES



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