



Performance Consumables

CM Industries Kool Run™ performance consumables include a variety of Taper-LOCK contact tips for superior heat and electrical transfer. Standard and heavy-duty style nozzles are available in slip-on and thread-on designs. These consumables are made from the highest quality raw materials and deliver industry leading performance to meet the extreme demand of high production applications.



Taper-LOCK Contact Tips and Diffusers

- Taper-LOCK design for superior heat and electrical transfer
- Available in hard drawn and CrZr copper
- Contact tips for wire sizes from .030" to 3/32"
- Contact tip hole diameter tolerance tighter than industry standards
- Diffusers are available in standard-duty (tapered) or heavy-duty for both slip-on or thread-on nozzles
- Suitable for CM Industries Kool Run™ and Tregaskiss® style necks
- Special Diffusers are available in order to use Kool Run™ Performance consumables on Lincoln Magnum Pro®, Bernard®, Miller®, Abicor Binzel® Abirob and ESAB® Gun Master guns



Heavy-Duty and Standard-Duty Nozzles

- Heavy-duty and standard-duty nozzles available in both copper and brass
- Plated or unplated to maximize performance based on application
- Conical and bottle-form styles available
- Slip-on and Thread-on design
- Nozzle bore sizes from 3/8" to 3/4"
- Contact tip to nozzle relationship of 1/8" & 1/4" tip recess, flush or 1/8" & 1/4" tip stick-out
- Fully interchangeable with Tregaskiss® style retaining heads
- Custom nozzles available upon request

CM INDUSTRIES
INC.

505 Oakwood Road
Lake Zurich, IL 60047 USA

sales@cindustries.com
Phone: 847-550-0033
Fax: 847-550-0444
cmindustries.com



Performance Consumables Reference Charts

Taper-LOCK Contact Tips

Wire Size	Heavy-Duty	Heavy-Duty Tapered	Extra Heavy-Duty	"Heavy-Duty CrZr"
0.030" (0.8mm)	155-1-030	155-2-030	155-3-030	-
0.035" (0.9mm)	155-1-035	155-2-035	155-3-035	155-7-035
0.040" (1.0mm)	155-1-040	155-2-040	155-3-040	155-7-040
0.045" (1.2mm)	155-1-045	155-2-045	155-3-045	155-7-045
3/64" (1.2mm)	155-1-364	155-2-364	155-3-364	-
0.052" (1.3mm)	155-1-052	155-2-052	155-3-052	-
1/16" (1.6mm)	155-1-062	155-2-062	155-3-062	-
5/64" (2.0mm)	155-1-564	-	155-3-564	-
3/32" (2.4mm)	155-1-332	-	155-3-332	-

Gas Diffusers (uses CMI Taper-LOCK Contact Tips)

MIG Gun	Heavy-Duty Slip-on	Tapered Slip-on (Robotic)	Heavy-Duty Thread-on	Tapered Thread-on (Robotic)	Insulator Required
KOOL RUN	154-R505	154-R506	154-R507	154-R508	KR50-1
Tregaskiss - ALL	154-R505	154-R506	154-R507	154-R508	KR50-1
Abicor Binzel Abirob A500	154-Z505	154-Z506	154-Z507	154-Z508	KR50-Z1
Lincoln Magnum Pro Series	154-L505	154-L506	154-L507	154-L508	B10012
Bernard - ALL	154-B505	-	154-B507	-	B10012
Miller - Roughneck	154-B505	-	154-B507	-	B10012
ESAB Gun Master	154-E505	-	154-E507	-	-

Nozzle Selection

Style of Nozzle	Std.-Duty Slip-on	Heavy-Duty Slip-on	Std.-Duty Thread-on	Heavy-Duty Thread-on
Conical - 1/8" Recess	152-10-50P, 1/2" 152-10-62P, 5/8"	152-30-50P, 1/2" 152-30-62P, 5/8" 152-30-75P, 3/4"	152-60-50P, 1/2" 152-60-62P, 5/8"	152-70-50P, 1/2" 152-70-62P, 5/8" 152-70-75P, 3/4"
Conical - 1/4" Recess	152-11-50P, 1/2"	152-31-62P, 5/8"	152-61-50P, 1/2"	152-71-62P, 5/8"
Conical - Flush	152-12-38P, 3/8" 152-12-50P, 1/2" 152-12-62P, 5/8"	152-32-50P, 1/2" 152-32-62P, 5/8" 152-32-75P, 3/4"	152-62-38P, 3/8" 152-62-50P, 1/2" 152-62-62P, 5/8"	152-72-50P, 1/2" 152-72-62P, 5/8" 152-72-75P, 3/4"
Conical - 1/8" Stick-out	152-13-50P, 1/2" 152-13-62P, 5/8"	152-33-50P, 1/2" 152-33-62P, 5/8" 152-33-75P, 3/4"	152-63-50P, 1/2" 152-63-62P, 5/8"	152-73-50P, 1/2" 152-73-62P, 5/8" 152-73-75P, 3/4"
Conical - 1/4" Stick-out	152-14-62P, 5/8"	152-34-62P, 5/8"	152-64-62P, 5/8"	152-74-62P, 5/8"
Bottle-Form - 1/8" Recess	152-15-50P, 1/2"	152-35-62P, 5/8"	152-65-50P, 1/2"	152-75-62P, 5/8"
Bottleneck - Flush	152-16-50P, 1/2"	152-36-62P, 5/8"	152-66-50P, 1/2"	152-76-62P, 5/8"
Bottleneck - 1/8" Stick-out	152-17-50P, 1/2"	152-37-62P, 5/8"	152-67-50P, 1/2"	152-77-62P, 5/8"
Bottleneck - 1/4" Stick-out	152-18-50P, 1/2"	152-38-62P, 5/8"	152-68-50P, 1/2"	152-78-62P, 5/8"

Plated nozzles listed (P). Substitute C for copper.



505 Oakwood Road
Lake Zurich, IL 60047 USA

sales@cmindustries.com
Phone: 847-550-0033
Fax: 847-550-0444
cmindustries.com