



Victor® Style Cutting Tips

GENTEC® Cutting Tips are precision machined from high quality copper alloys for durability. The gas passages for single-piece acetylene tips are accurately swage-formed and shaped on polished mandrels for smooth and efficient gas flow. Dual-piece tips, featuring an internal spline configuration are designed for alternate fuel gases, and offer the optimum in cutting performance. High speed cutting tips feature stainless steel insert core for longer life. All tips are 100% flame tested.



173CN-1SP

Tip Series	Victor® Equivalent	Sizes Available	Type	Gases
172C	3-101	000-6	1 PIECE	ACETYLENE
172CN	3-GPN	000-5	2 PIECE	NATURAL GAS/PROPANE
172CP	3-GPP	0, 1, 2	2 PIECE	PROPYLENE/MAPP®
173C	1-101	000-8	1 PIECE	ACETYLENE
173CN	GPN	000-8	2 PIECE	NATURAL GAS/PROPANE
173CP	GPP	00-5	2 PIECE	PROPYLENE/MAPP®
173CM	GPM	0, 1, 2	2 PIECE	MAPP®

Add SP (Skin Package) after selecting "Tip Series" and "Sizes Available".

Example: "173CN-1SP" indicates Cutting Tip No.1 Skin Package.

Victor® is a registered trademark of Victor Equipment Co., which is not associated with Genstar Technologies Co., Inc.

Oxy-Acetylene & Oxy-Hydrogen Heating Nozzles

Ideal for preheating, straightening, etc. • 173H-12SP and 173H-15SP are also used for propylene based fuel gases and MAPP • G17-VMA-1 is designed for heating in confined areas • Victor® compatible

Nozzle Series	Victor® Equivalent	Sizes Available	Fits Torch Handles
G17-VMA-1	VMA-1-15	1	140T, 141T, 141TA, 342T-Y
171H	MFA-J	2, 4, 6	140T, 141T, 342T-Y
172H	MFA-1	2, 4, 6, 8	142T
173H	MFA	4, 6, 8, 10, 12, 15	143T, 143TL, 143TLH

Add SP (Skin Package) after selecting "Nozzle Series" and "Sizes Available".

Example: "173H-4SP" indicates Heating Nozzle No. 4 Skin Package.



173H-4SP

191 Series Flowmeter Regulators

Model 191 Series Flowmeter Regulators are designed for MIG & TIG applications to provide accurate regulation of gas flow. They are also ideal for commercial, industrial and laboratory applications.

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
191AR-60SP	ARGON, AR/CO ₂ MIX	50	1-1/2", 4000PSI	60	CGA580	5/8" - 18RH(F) / 9/16" - 18RH(M)
191HE-150SP	HELIUM			150	CGA580	
191CD-60SP	CARBON DIOXIDE			60*	CGA320	
191NR-70SP	NITROGEN			70	CGA580	
191QR-70SP	AIR			70	CGA590	

*Maximum Actual Flow 30SCFH with Continuous Cold Carbon Dioxide



191AR-60SP

196 Series Dual Flowmeter Regulators

Model 196 Series Flowmeter Regulators are designed for MIG & TIG applications to provide accurate regulation of gas flow. They are also ideal for commercial industrial and laboratory applications.

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
196AR-60SP	ARGON, AR/CO ₂ MIX	50	2", 4000PSI	60	CGA580	5/8" - 18RH(F)
196HE-150SP	HELIUM			150		



196AR-60SP

452 Series Medium to Heavy Duty Single Stage Regulators

Designed for medium to heavy duty gas welding, cutting, and heating applications,

452 Series is a Harris® style regulator with a 2-3/4" diaphragm and a Victor® style seat mechanism.

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
452F-40SP	L.P. GAS	400	2-40	2", 400PSI	2", 60PSI	CGA510	9/16" - 18LH(M)
452F-125SP			5-125		2", 200PSI		
452X-80SP	OXYGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA540	9/16" - 18RH(M)
452X-175SP			5-175		2", 300PSI		
452Y-15SP	ACETYLENE	400	2-15	2", 400PSI	2", 30PSI, RL	CGA510	9/16" - 18LH(M)
452Y-15-3SP					CGA300		
452Y-15-5SP						CGA520	
452C-175SP	CARBON DIOXIDE	3000	5-175	2", 4000PSI	2", 300PSI	CGA320	5/8" - 18RH(F)
452C-175-FSP			5-175		2", 300PSI		1/4" SAE FLARE
452C-300SP			20-300		2", 400PSI		5/8" - 18RH(F)
452C-300-FSP			20-300		2", 400PSI		1/4" SAE FLARE
452IN-80SP	INERT GASES (Ar, He) NITROGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA580	5/8" - 18RH(F)
452IN-175SP			5-175		2", 300PSI		5/8" - 18RH(F)
452IN-175-FSP			5-175		2", 300PSI		1/4" SAE FLARE
452IN-300SP			20-300		2", 400PSI		5/8" - 18RH(F)
452IN-300-FSP			20-300		2", 400PSI		1/4" SAE FLARE
452IN-450SP			30-450		2", 600PSI		5/8" - 18RH(F)
452IN-450-FSP			30-450		2", 600PSI		1/4" SAE FLARE
452IN-175-F-680SP			INERT GASES (Ar, He) NITROGEN		5500		5-175
452IN-450-F-680SP			30-450		2", 600PSI		



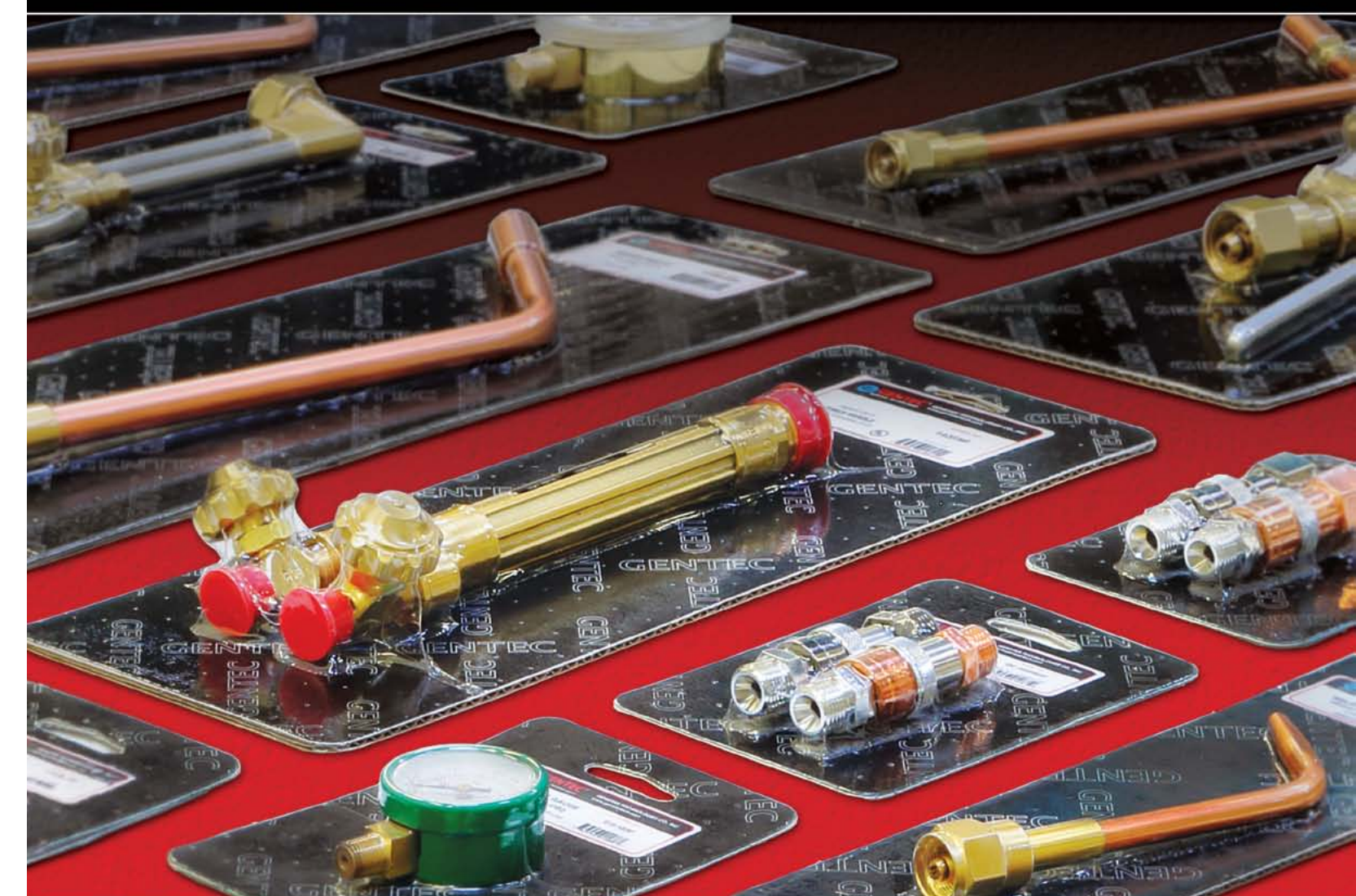
452X-175SP

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

Harris® is a registered trademark of The Lincoln Electric Co., Victor® is a registered trademark of Victor Equipment Co. These companies are not associated with Genstar Technologies Co., Inc.

Gentec Skin Packages

Welding / Brazing / Cutting





WELDING PRODUCTS FOR THE PROFESSIONAL

Genstar Technologies offers a wide variety of point of purchase products. Refer to the standard price schedule for more skin package (SP) items.

Cutting Attachments

GENTEC® Cutting Attachments are made from high quality die-forged brass and stainless steel components. They are available in light, medium, and heavy duty models. Featuring drop-in tube mixer design, 141CSP, 142CSP, 143CASP, 143ACASP and 143SCASP can be used with acetylene, propane, MAPP®, propylene, fuel gas, and natural gas (2 PSIG & above).



142CSP



143CASP

Model Number	Cutting Range	Head Angle	Weight / Length	Victor® Equivalent	Uses Torch Handle	Uses Cutting Tip
141CSP	3"	90°	13.8 oz. 8-1/4"	CA1260	140T, 141T 141TA, 342T	172C, 172CN 172CP, 172CG
142CSP	6"	90°	14 oz. 8-1/4"	CA1350	142T	172C, 172CN 172CP, 172CG
143CASP	8"	90°	1 lb. 14 oz. 10-5/8"	CA2460	143T, 143TL 143TLH	173C, 173CN, 173CP 173CM, 173CG, 173CGN
143ACASP		75°		CA2461		
143SCASP		180°		CA2462		

Victor® is a registered trademark of Victor Equipment Co., which is not associated with Genstar Technologies Co., Inc.

Torch Handles

GENTEC® Torch Handles are available in light, medium, and heavy duty models. Torch handles are machined from high-quality forged brass. Threaded construction facilitates easy repairs and services.



142TSP



143TSP

Model Number	Welding Range	Weight / Length	Victor® Equivalent	Uses Cutting Attachment	Uses Welding Nozzle	Uses Heating Nozzle
140TSP	1-1/4"	8-1/2 oz. 6"	J-28	141C	171W, 871W, 881W G17-VMA-1 GMTW, GMTT GMTR, G17-FT G13-8VM, G17	171H 171HN
141TSP	1-1/4"	13.3 oz. 7-3/4"	J-100C	141C	171W, 871W, 881W G17-VMA-1 GMTW, GMTT GMTR, G17-FT G13-8VM, G17	171H 171HN
141TASP						
142TSP	1-1/4"	13.4 oz. 7-3/4"	100C	142C	172W 172WRTE 872W	172H 172HN 872H
143TSP	3"	1 lb. 2 oz. 8-1/2"	315C	143CA 143ACA 143SCA	173W 173WRTE 173WRTE 873W 883W	173H 173HN 175HN 873H
143TLSP		1 lb. 5 oz. 11"	310C			
143TLHSP		1 lb. 12 oz. 11"	HD310C			

Quick Connectors

GENTEC® Quick Connectors provide fast, reliable, and easy setup for welding, cutting, and brazing applications. They ensure pressure-tight connections made in seconds.



QC-RHPRSP



QC-HHPRSP



QC-HTPRSP

Type	Pair Model Number	Single Model Number	Gas Service	Component Model Number (Female Socket/Male Plug)	Connection
Regulator To Hose (A Fitting 3/8"-24)	QC-RHPR-ASP	QC-RHF-A	Fuel	QC-RHF-F-A / QC-RHF-M-A	3/8"-24LH
		QC-RHX-A	Oxygen	QC-RHX-F-A / QC-RHX-M-A	3/8"-24RH
Hose To Hose (A Fitting 3/8"-24)	QC-HHPR-ASP	QC-HHF-A	Fuel	QC-HHF-F-A / QC-HHF-M-A	3/8"-24LH
		QC-HHX-A	Oxygen	QC-HHX-F-A / QC-HHX-M-A	3/8"-24RH
Regulator To Hose (B Fitting 9/16"-18)	QC-RHPRSP	QC-RHF	Fuel	QC-RHF-F / QC-RHF-M	9/16"-18LH
		QC-RHX	Oxygen	QC-RHX-F / QC-RHX-M	9/16"-18RH
Hose To Hose (B Fitting 9/16"-18)	QC-HHPRSP	QC-HHF	Fuel	QC-HHF-F / QC-HHF-M	9/16"-18LH
		QC-HHX	Oxygen	QC-HHX-F / QC-HHX-M	9/16"-18RH
Hose To Torch (B Fitting 9/16"-18)	QC-HTPRSP	QC-HTF	Fuel	QC-HTF-F / QC-HTF-M	9/16"-18LH
		QC-HTX	Oxygen	QC-HTX-F / QC-HTX-M	9/16"-18RH

Victor® is a registered trademark of Victor Equipment Co., MAPP® is a registered trademark of BOC Group Inc., Teflon® is a registered trademark of E.I. DuPont de Nemours & Co. These companies are not associated with Genstar Technologies Co., Inc.

Oxy-Propane, Oxy-Propylene & Oxy-Natural Gas Heating Nozzles

Ideal for preheating, straightening, etc. Heavy swaged copper tip with recessed face

Nozzle Series	Victor® Equivalent	Sizes Available	Fits Torch Handles
171HN	MFN-J	6, 8	140T, 141T, 141TA, 342T-Y
172HN	MFN-1	6, 8	142T
173HN	MFN	8, 10, 12, 15, 20	143T, 143TL, 143TLH

Add SP (Skin Package) after selecting "Nozzle Series" and "Sizes Available". Example: "173HN-6SP" indicates Heating Nozzle No. 6 Skin Package.



172HN-6SP

Oxy-Acetylene & Oxy-Hydrogen Welding Nozzles

Red copper tip ends • Ideal for soldering, brazing, heating, hardfacing, etc. • 171W, 172W, and 173W use one-piece elbow tips • Victor® compatible

Nozzle Series	Victor® Equivalent	Sizes Available	Fits Torch Handles	Type
171W	W-J	000-6	140T, 141T 141TA, 342T-Y 10CM (000-0)	1 PIECE
172W	W-1		142T	
173W	W		143T 143TL 143TLH	

Add SP (Skin Package) after selecting "Nozzle Series" and "Sizes Available". Example: "173HN-6SP" indicates Heating Nozzle No. 6 Skin Package.



173W-1SP

Pressure Gauges

GENTEC® Pressure Gauges are manufactured to meet strictly regulated quality standards (UL404 and ANSI/ASME B40.1) and provide accuracy & reliability for use in O.E.M. and replacement applications. GENTEC® brass gauges are offered in both single scale (PSI) and dual scale (PSI & kPa) to fulfill a wide variety of applications.



G15-100SP



G20B-200SP



G25B-200SP

1-1/2" Steel Case Dual Scale • 1/8" NPT Inlet

Model Number	Scale Ranges	Entry Type	Case Color
G15-030RLSP	0-30 PSI RED	SIDE	RED
G15-100SP	0-100 PSI	SIDE	GREEN
G15-200SP	0-200 PSI	SIDE	GREEN
G15-400SP	0-400 PSI	SIDE	RED
GR15-3MEFSP	0-3000 PSI CONTENT	REAR	BLACK
GR15-3000RFSP	0-3000PSI CONTENT	REAR	BLACK
G15-4000SP	0-4000 PSI	SIDE	GREEN
GR15-4000SP	0-4000 PSI	REAR	BLACK
GR15-4000GSP	0-4000 PSI	REAR	GOLD

Victor® is a registered trademark of Victor Equipment Co., which is not associated with Genstar Technologies Co., Inc.

2" Brass Case Dual Scale • 1/4" NPT Inlet

Model Number	Scale Ranges	Entry Type
G20B-030RLSP	0-30 PSI RED	SIDE
G20B-100SP	0-100 PSI	SIDE
G20B-200SP	0-200 PSI	SIDE
G20B-400SP	0-400 PSI	SIDE
G20B-600SP	0-600 PSI	SIDE
G20B-3000SP	0-3000 PSI	SIDE
G20B-4000SP	0-4000 PSI	SIDE

2-1/2" Brass Case Dual Scale • 1/4" NPT Inlet

Model Number	Scale Ranges	Entry Type
G25B-030RLSP	0-30 PSI RED	SIDE
G25B-60SP	0-60 PSI	SIDE
G25B-100SP	0-100 PSI	SIDE
G25B-200SP	0-200 PSI	SIDE
G25B-400SP	0-400 PSI	SIDE
G25B-600SP	0-600 PSI	SIDE
G25B-3000SP	0-3000 PSI	SIDE
G25B-4000SP	0-4000 PSI	SIDE
G25B-6000SP	0-6000 PSI	SIDE