MACHINE CUTTING NOZZLES

APPLICATION OVERVIEW

Torch Series	QUICKY	MS / MSZ 832	MS / MSZ 932	MS 3450 / MS 3452	MSID / MSIDZ	MSAP	MSD 250
Machine Cutting Nozzles for acetylene							
A-RS	●	●		●			
VADURA 1210-A / +PLUS+ 1210-A	●	●		●			
VADURA 1215-A / +PLUS+ 1215-A	●	●		●			
VADURA 9215-A			●				
A-CID	●				●		
GRICUT 5310-A							●
Machine Cutting Nozzles for propane, methane, Mapp, ethylene							
PL-RC	●	●		●			
GRICUT 1230 PMYE / +PLUS+ 1230 PMYE	●	●		●			
GRICUT 1270-PY / +PLUS+ / 1270-PY	●	●		●			
GRICUT 1280-PMYE / +PLUS+ 1280-PMYE		●		●			
GRICUT 5281-PMY							●
GRICUT 8281-PMYE	●				●		
GRICUT 8281-PM					●		
GRICUT 8280-PMYE					●		
GRICUT 8480-PMYE						●	
GRICUT 9230-PMYE			●				

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MACHINE CUTTING NOZZLES

FOR ACETYLENE

CUTTING NOZZLES A-RS

Standard ring/slot nozzles for machine cutting torches Quicky and MS/MSZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
A-RS	2 - 8 mm	2,0 - 2,5 bar	666.17101	007
	3 - 10 mm	2,0 - 2,5 bar	666.17102	007
	10 - 25 mm	2,0 - 2,5 bar	666.17103	007
	25 - 40 mm	4,0 - 5,0 bar	666.17104	007
	40 - 60 mm	4,0 - 5,0 bar	666.17105	007
	60 - 100 mm	4,0 - 5,0 bar	666.17106	007
	100 - 200 mm	5,0 - 6,0 bar	666.17107	007
	200 - 300 mm	5,0 - 6,0 bar	666.17108	007
Heating nozzles	2 - 100 mm		666.17115	007
	100 - 300 mm		666.17116	007

VADURA 1215-A

High-speed ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
VADURA 1215-A	3 - 5 mm	2,0 - 3,0 bar	716.15941	032
	6 - 10 mm	4,0 - 5,0 bar	716.15942	032
	10 - 25 mm	6,5 - 7,5 bar	716.15943	032
	25 - 40 mm	6,5 - 8,0 bar	716.15944	032
	40 - 60 mm	6,5 - 8,5 bar	716.15945	032
	60 - 100 mm	6,5 - 8,0 bar	716.15946	032
	100 - 150 mm	6,5 - 7,0 bar	716.15947	032
	150 - 230 mm	6,0 - 7,5 bar	716.15948	032
	230 - 300 mm	7,0 - 8,5 bar	716.15949	032
Heating nozzles	3 - 150 mm		716.15950	032
	150 - 300 mm		716.15951	032

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✱ on request

MESSER Cutting Systems

Ring-/Schlitz-Schnellschneiddüsen für Maschinen-Schneidbrenner QUICKY und MS / MSZ

VADURA +PLUS+ 1215-A

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
VADURA +PLUS+ 1215-A	3 - 5 mm	2,0 - 3,0 bar	716.16161 ✳	032
	6 - 10 mm	4,0 - 5,0 bar	716.16162 ✳	032
	10 - 25 mm	6,5 - 7,5 bar	716.16163 ✳	032
	25 - 40 mm	6,5 - 8,0 bar	716.16164 ✳	032
	40 - 60 mm	6,5 - 8,5 bar	716.16165 ✳	032
	60 - 100 mm	6,5 - 8,0 bar	716.16166 ✳	032
	100 - 150 mm	6,5 - 7,0 bar	716.16167 ✳	032
	150 - 230 mm	6,0 - 7,5 bar	716.16179 ✳	032
	230 - 300 mm	7,0 - 8,5 bar	716.16180 ✳	032
Heating nozzles	3 - 150 mm		716.16170 ✳	032
	150 - 300 mm		716.16182 ✳	032



Ring-/Schlitz-Hochleistungsschneiddüsen für Maschinen-Schneidbrenner QUICKY und MS / MSZ

VADURA 1210-A

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
VADURA 1210-A	2 - 5 mm	2,0 - 3,0 bar	716.15760	032
	3 - 5 mm	2,0 - 3,0 bar	716.15761	032
	6 - 10 mm	4,0 - 5,0 bar	716.15762	032
	10 - 25 mm	9,0 - 12,0 bar	716.15763	032
	25 - 50 mm	7,5 -11,0 bar	716.15764	032
	50 - 80 mm	9,0 - 12,0 bar	716.15765	032
	80 - 100 mm	9,5 - 11,0 bar	716.15766	032
	100 - 150 mm	6,5 - 7,0 bar	716.15769	032
	150 - 230 mm	6,5 - 7,5 bar	716.15948	032
	230 - 300 mm	7,0 - 8,5 bar	716.15949	032
Heating nozzles	3 - 150 mm		716.15770	032
	150 - 300 mm		716.15951	032



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MACHINE CUTTING NOZZLES

FOR ACETYLENE

VADURA +PLUS+ 1210-A

Ring-/Schlitz-Hochleistungsschneiddüsen für Maschinen-Schneidbrenner QUICKY und MS / MSZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
VADURA +PLUS+ 1210-A	2 - 5 mm	2,0 - 3,0 bar	716.16171 ✱	032
	3 - 5 mm	2,0 - 3,0 bar	716.16172 ✱	032
	6 - 10 mm	4,0 - 5,0 bar	716.16173 ✱	032
	10 - 25 mm	9,0 - 12,0 bar	716.16174 ✱	032
	25 - 50 mm	7,5 -11,0 bar	716.16175 ✱	032
	50 - 80 mm	9,0 - 12,0 bar	716.16176 ✱	032
	80 - 100 mm	9,5 - 11,0 bar	716.16177 ✱	032
	100 - 150 mm	6,5 - 7,0 bar	716.16178 ✱	032
	150 - 230 mm	6,5 - 7,5 bar	716.16179 ✱	032
	230 - 300 mm	7,0 - 8,5 bar	716.16180 ✱	032
Heating nozzles	3 - 150 mm		716.16181 ✱	032
	150 - 300 mm		716.16182 ✱	032

VADURA 9215-A

Ring-/Schlitzdüsen für Maschinenschneidbrenner MS 932



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
VADURA 9215-A	3 - 5 mm	2,0 - 3,0 bar	716.16561	032
	6 - 10 mm	4,0 - 5,0 bar	716.16562	032
	10 - 25 mm	6,5 - 7,5 bar	716.16563	032
	25 - 40 mm	6,5 - 8,0 bar	716.16564	032
	40 - 60 mm	6,5 - 8,5 bar	716.16565	032
	60 - 100 mm	6,5 - 8,0 bar	716.16566	032
	100 - 150 mm	6,5 - 7,0 bar	716.16567	032
	150 - 230 mm	6,5 - 7,5 bar	716.16568	032
	230 - 300 mm	6,5 - 7,5 bar	716.16569	032
Heating nozzles	3 - 100 mm		716.16550	032
	100 - 300 mm		716.16560	032

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✱ **on request**

MESSER Cutting Systems

MACHINE CUTTING NOZZLES

Gas mixing high speed cutting nozzles for machine torches QUICKY and MSID / MSIDZ

CUTTING NOZZLES A-CID

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
A-CID	3 - 5 mm	2,0 - 3,0 bar	716.16020	007
	6 - 10 mm	4,0 - 5,0 bar	716.16021	007
	10 - 25 mm	6,0 - 7,0 bar	716.16022	007
	25 - 40 mm	6,0 - 7,0 bar	716.16023	007
	40 - 60 mm	5,5 - 7,0 bar	716.16024	007
	60 - 80 mm	2,0 - 2,5 bar	716.16025	007
	80 - 100 mm	5,0 - 6,0 bar	716.16026	007
	100 - 200 mm	3,0 - 6,0 bar	716.16027	007
	200 - 300 mm	4,0 - 6,0 bar	716.16028	007



Heavy-duty gas-mixing nozzles for machine cutting torch MSD

GRICUT 5310-A

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 5310-A	100 - 300 mm	3,5 - 7,0 bar	716.50103 ✱	006
	300 - 500 mm	3,5 - 10,0 bar	716.50104 ✱	006



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MACHINE CUTTING NOZZLES

FOR PROPANE / METHANE / MAPP / ETHYLENE

CUTTING NOZZLES PL-RC

Standard ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
PL-RC	2 - 8 mm	2,0 - 2,5 bar	666.17225	007
	3 - 10 mm	2,0 - 3,0 bar	666.17226	007
	10 - 25 mm	4,0 - 5,0 bar	666.17227	007
	25 - 40 mm	4,0 - 5,0 bar	666.17228	007
	40 - 60 mm	4,0 - 5,0 bar	666.17229	007
	60 - 100 mm	5,0 - 6,0 bar	666.17230	007
	100 - 200 mm	5,5 - 6,5 bar	666.17231	007
	200 - 300 mm	6,5 - 8,5 bar	666.17232	007
Heating nozzles propane/methane	2 - 100 mm		666.17235	007
	100 - 300 mm		666.17236	007
Heating nozzles Mapp/ethylene	2 - 100 mm		716.15919	007
	100 - 300 mm		716.15920	007

for fuel gases propane, methane, Mapp, ethylene

GRICUT 1230-PMYE

High-speed ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 123-PMYE	3 - 10 mm	1,0 - 5,0 bar	716.15901	032
	7 - 15 mm	5,0 - 7,0 bar	716.15902	032
	15 - 25 mm	6,0 - 7,0 bar	716.15903	032
	25 - 40 mm	6,0 - 7,5 bar	716.15904	032
	40 - 60 mm	5,5 - 7,5 bar	716.15905	032
	60 - 100 mm	6,0 - 8,5 bar	716.15906	032
Heating nozzles	3 - 100 mm		716.15900	032

for propane, methane, Mapp, ethylene

GRICUT +PLUS+1230-PMYE

High-speed ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT +PLUS+ 123-PMYE	3 - 10 mm	1,0 - 5,0 bar	716.16147 ✱	032
	7 - 15 mm	5,0 - 7,0 bar	716.16148 ✱	032
	15 - 25 mm	6,0 - 7,0 bar	716.16149 ✱	032
	25 - 40 mm	6,0 - 7,5 bar	716.16150 ✱	032
	40 - 60 mm	5,5 - 7,5 bar	716.16151 ✱	032
	60 - 100 mm	6,0 - 8,5 bar	716.16152 ✱	032
Heating nozzles	3 - 100 mm		716.16156 ✱	032

for propane, methane, Mapp, ethylene

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✱ **on request**

MESSER Cutting Systems

MACHINE CUTTING NOZZLES

FOR PROPANE / METHANE / MAPP / ETHYLENE

High-efficiency ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ — GRICUT 1270-PY

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 1270-PY	2 - 5 mm	2,0 - 5,0 bar	716.15910	032
	3 - 5 mm	3,0 - 5, 0 bar	716.15921	032
	6 - 10 mm	4,0 - 5,0 bar	716.15922	032
	10 - 25 mm	9,0 - 12,0 bar	716.15923	032
	25 - 50 mm	7,5 - 11,0 bar	716.15924	032
	50 - 80 mm	9,0 - 12,0 bar	716.15925	032
	80 - 100 mm	9,5 - 11,0 bar	716.15926	032
Heating nozzle propane	2 - 100 mm		716.15930	032
Heating nozzle Mapp	2 - 100 mm		716.15932	032

for fuel gases propane, Mapp



High-efficiency ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ — GRICUT +PLUS+ 1270-PY

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT +PLUS+ 1270-PY	3 - 5 mm	2,0 - 5,0 bar	716.16184 ✱	032
	6 - 10 mm	4,0 - 5,0 bar	716.16185 ✱	032
	10 - 25 mm	9,0 - 12,0 bar	716.16186 ✱	032
	25 - 50 mm	7,5 - 11,0 bar	716.16187 ✱	032
	50 - 80 mm	9,0 - 12,0 bar	716.16188 ✱	032
	80 - 100 mm	9,5 - 11,0 bar	716.16189 ✱	032
Heating nozzle propane	2 - 100 mm		716.16190 ✱	032
Heating nozzle Mapp	2 - 100 mm		716.16191 ✱	032

for fuel gases propane, Mapp



High-speed ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ — GRICUT 1280-PMYE

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 1280-PMYE	100 - 200 mm	7,5 - 9,5 bar	716.15927	032
	200 - 250 mm	6,5 - 8,5 bar	716.15928	032
	250 - 300 mm	6,5 - 8,5 bar	716.15929	032
Heating nozzle	100 - 300 mm		716.15931	032
Special nozzles for the cutting	60 - 100 mm	6,0 - 8,5 bar	716.15938	032
of stone moulds	100 - 150 mm	4,0 - 5,5 bar	716.15933	032

for fuel propane, methane, Mapp, ethylene



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MACHINE CUTTING NOZZLES

FOR PROPANE / METHANE / MAPP / ETHYLENE

GRICUT +PLUS+ 1280-PMYE

High-speed ring/slot nozzles for machine cutting torches QUICKY and MS/MSZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT +PLUS+ 1280-PMYE	100 - 200 mm	7,5 - 9,5 bar	716.16192 ✱	032
	200 - 250 mm	6,5 - 8,5 mm	716.16193 ✱	032
	250 - 300 mm	6,5 - 8,5 mm	716.16194 ✱	032
Heating nozzle	100 - 300 mm		716.16195 ✱	032

for fuel gasses Propane, Methane, Mapp, Ethylene

GRICUT 9230-PMYE

Ring/slot nozzles for machine cutting torches MS 932



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 9230-PMYE	3 - 10 mm	1,0 - 5,0 bar	716.16551	032
	7 - 15 mm	5,0 - 7,0 bar	716.16552	032
	15 - 25 mm	6,0 - 7,0 bar	716.16553	032
	25 - 40 mm	6,0 - 7,5 bar	716.16554	032
	40 - 60 mm	5,5 - 7,5 bar	716.16555	032
	60 - 100 mm	6,0 - 8,5 bar	716.16556	032
	100 - 200 mm	7,5 - 9,5 bar	716.16557	032
	200 - 250 mm	6,5 - 8,5 bar	716.16558	032
	250 - 300 mm	6,5 - 8,5 bar	716.16559	032
Heating nozzles	3 - 100 mm		716.16550	032
	100 - 300 mm		716.16560	032

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✱ **on request**

MESSER Cutting Systems

MACHINE CUTTING NOZZLES

FOR PROPANE, METHANE, MAPP, ETHYLENE

Standard gas-mixing, standard nozzles with 30° cone, for QUICKY and MSID/MSIDZ

GRICUT 8281-PMYE

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 8281-PMYE	3 - 10 mm	2,0 - 3,0 bar	716.16038	032
	10 - 25 mm	3,0 - 4,5 bar	716.16039	032
	25 - 40 mm	4,0 - 5,0 bar	716.16040	032
	40 - 60 mm	4,5 - 5,5 bar	716.16041	032
	60 - 100 mm	5,0 - 6,0 bar	716.16042	032
	100 - 200 mm	5,5 - 6,5 bar	716.16043	032
	200 - 300 mm	6,5 - 8,5 bar	716.16044	032
Heating nozzles propane / methane	3 - 100 mm		716.15988	032
	100 - 300 mm		716.15989	032
Heating nozzles Mapp / ethylene	3 - 100 mm		716.15978	032
	100 - 300 mm		716.15979	032

for fuel propane, methane, Mapp, ethylene



Gas-mixing nozzles with mixers, for machine cutting torches MSID/MSIDZ

GRICUT 8281-PM

Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 8281-PM	200 - 500 mm	6,0 - 12,0 bar	716.16400	006
Heating nozzles	200 - 500 mm		546.12340	006

for fuel propane, methane



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MACHINE CUTTING NOZZLES

FOR PROPANE, METHANE, MAPP, ETHYLENE

GRICUT 8280-PMYE

High-speed gas-mixing nozzles with 30° cone, for machine torches MSID/MSIDZ



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 8280-PMYE	3 - 7 mm	1,0 - 5,0 bar	716.16071	032
	7- 15 mm	5,0 - 7,0 bar	716.16072	032
	15 - 25 mm	5,5 - 7,0 bar	716.16073	032
	25 - 40 mm	5,0 - 7,0 bar	716.16074	032
	40 - 60 mm	6,0 - 7,5 bar	716.16075	032
	60 - 100 mm	6,0 - 8,5 bar	716.16076	032
	100 - 200 mm	7,5 - 9,5 bar	716.16077	032
	200 - 250 mm	6,5 - 8,5 bar	716.16078	032
	250 - 300 mm	6,5 - 8,5 bar	716.16079	032
	3 - 100 mm		716.16080	032
Heating nozzle	100 - 300 mm		716.16100	032

for fuel propane, methane, Mapp, ethylene

GRICUT 8480-PMYE

Heavy-duty post mixing nozzles for machine cutting torch MSAP



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 8480-PMYE	100 - 300 mm	8,0 - 9,0 bar	716.16415	006
	300 - 450 mm	8,0 - 9,0 bar	716.16416	006
	450 - 600 mm	8,0 - 9,0 bar	716.16417	006

for fuel propane, methane, Mapp, ethylene

GRICUT 5281-PMY

Heavy-duty post mixing nozzles for machine cutting torch MSD



Type	*Cutting range*	*Cutting O_2-pressure*	*Art. No.*	*Cat. No.*
GRICUT 5281-PMY	100 - 300 mm	3,0 - 7,0 bar	716.50100	006
	300 - 450 mm	7,0 - 9,0 bar	716.50101	006
	450 - 600 mm	8,0 - 12,0 bar	716.50209	006
Heating nozzles	100 - 450 mm		716.50236	006
	450 - 600 mm		716.50211	006

for propane, methane, Mapp

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✱ **on request**

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