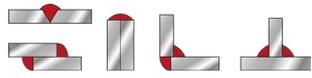
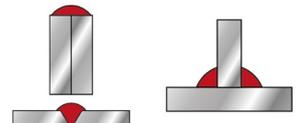
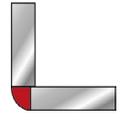
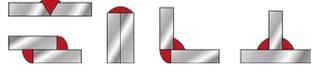
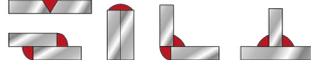
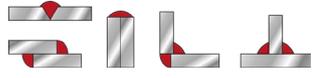
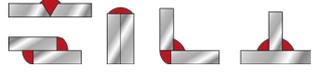
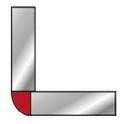
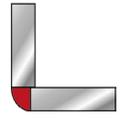
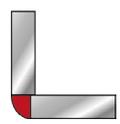
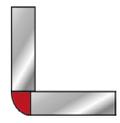
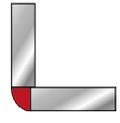
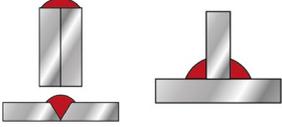
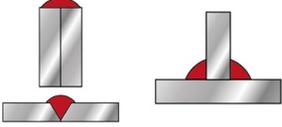
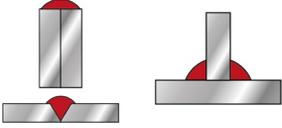
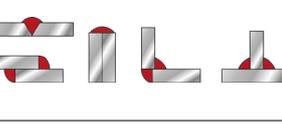
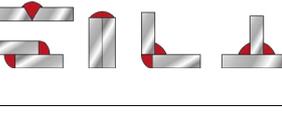
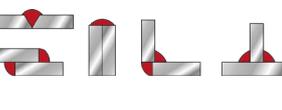


## Laser Welding Nozzles

Laser welding nozzles with and without filler wire feed, for different welding applications.

	Description	Wires	Type of welding	Wire Ø	Model
	Ref: 080-MSL-00411 Nozzle for autogenous welding, for flat welds, inside corners and outside corners.	-		-	A
	Ref: 080-MSL-00412 Nozzle for autogenous welding, for flat welds or inside corners.	-		-	B
	Ref: 080-MSL-00413 Nozzle for autogenous welding, for outside corner welding.	-		-	C
	Ref: 080-MSL-00414 Nozzle for welding with filler wire up to 1.0 mm, for flat welding, inside corners and outside corners.	1		1.0 mm	AS-10
	Ref: 080-MSL-00415 Nozzle for welding with filler wire up to 1.2 mm, for flat welding, inside corners and outside corners.	1		1.2 mm	AS-12
	Ref: 080-MSL-00416 Nozzle for welding with filler wire up to 1.6 mm, for flat welding, inside corners and outside corners.	1		1.6 mm	BS-16
	Ref: 080-MSL-00417 Nozzle for welding with filler wire up to 2.0 mm, for flat welding, inside corners and outside corners.	1		2.0 mm	BS-20
	Ref: 080-MSL-00418 Nozzle for welding with filler wire up to 1.0 mm, for outside corner welding.	1		1.0 mm	CS-10
	Ref: 080-MSL-00419 Nozzle for welding with filler wire up to 1.2 mm, for outside corner welding.	1		1.2 mm	CS-12
	Ref: 080-MSL-00420 Nozzle for welding with filler wire up to 1.6 mm, for outside corner welding.	1		1.6 mm	CS-16
	Ref: 080-MSL-00421 Nozzle for welding with filler wire up to 1.2 mm, for outside corner welding.	1		1.2 mm	ES-12
	Ref: 080-MSL-00431 Nozzle for welding with filler wire up to 1.6 mm, for outside corner welding.	1		1.6 mm	ES-16 FS-16

	Description	Wires	Type of welding	Wire Ø	Model
	Ref: 080-MSL-00422 Nozzle for welding with filler wire up to 1.0 mm, for flat welding and inside corners.	1		1.0 mm	DS-10
	Ref: 080-MSL-00423 Nozzle for welding with filler wire up to 1.2 mm, for flat welding and inside corners.	1		1.2 mm	DS-12
	Ref: 080-MSL-00424 Nozzle for welding with filler wire up to 1.6 mm, for flat welding and inside corners.	1		1.6 mm	DS-16
	Ref: 080-MSL-00425 Nozzle for welding with dual filler wire feed up to 1.2 mm, for flat welding, inside corners and outside corners.	2		1.2 mm	AS-12D
	Ref: 080-MSL-00426 Nozzle for welding with dual filler wire feed up to 1.6 mm, for flat welding, inside corners and outside corners.	2		1.6 mm	AS-16D
	Ref: 080-MSL-00427 Nozzle for welding with dual filler wire feed up to 2.0 mm, for flat welding, inside corners and outside corners.	2		2.0 mm	AS-20D