



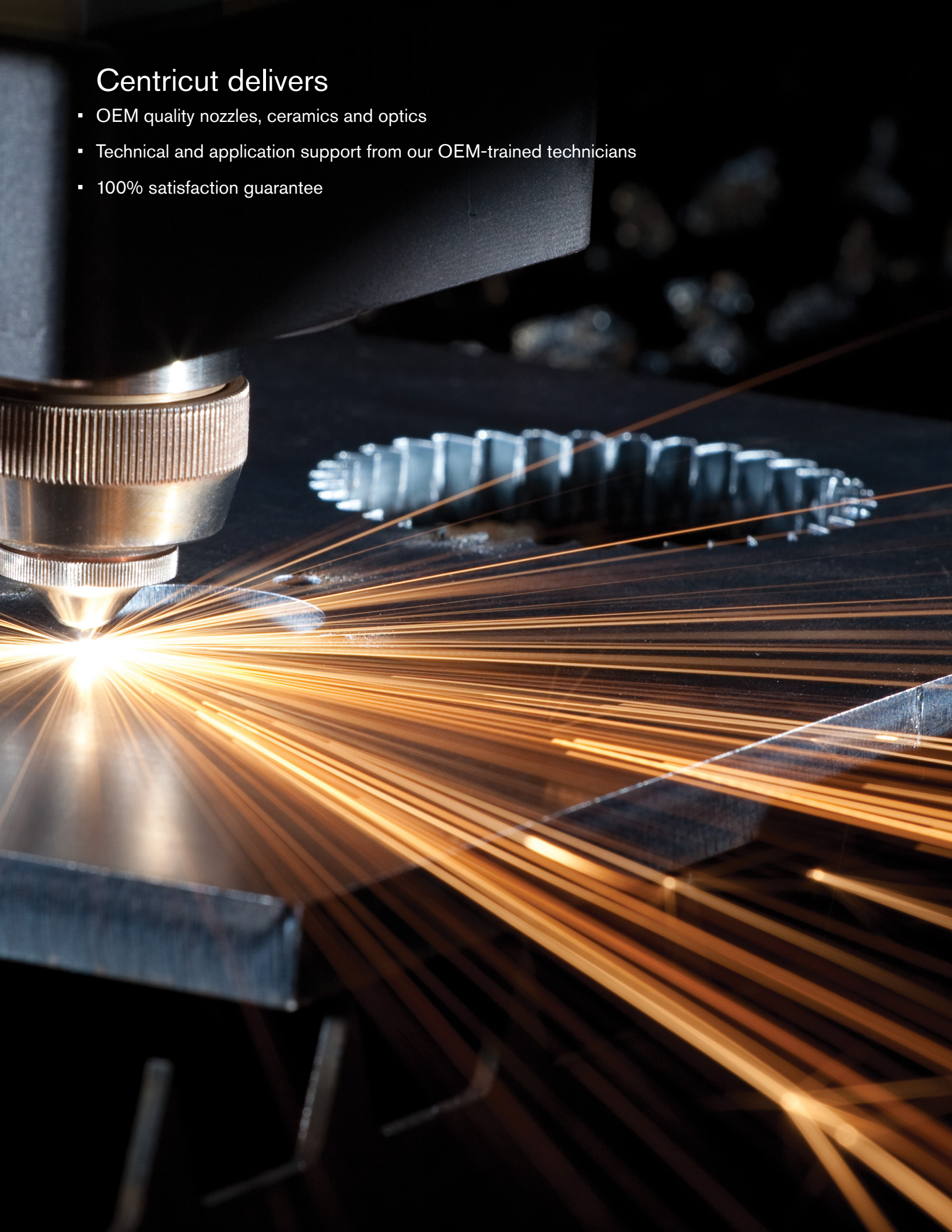
2020 catalog

For CO₂ and fiber laser consumables



Centricut delivers

- OEM quality nozzles, ceramics and optics
- Technical and application support from our OEM-trained technicians
- 100% satisfaction guarantee



CO₂ and fiber laser nozzles

Nozzle options

All Centricut nozzles are engineered and manufactured to the highest standards. Select the OEM quality nozzle best suited for your application needs

Copper

Most commonly used nozzle offering good durability and nozzle life. Primary nozzle type for fiber lasers.

Chrome plated

Shiny, mirror-like finish provides increased spatter resistance, improved durability and longer life than copper nozzles. Not recommended for use on fiber lasers.

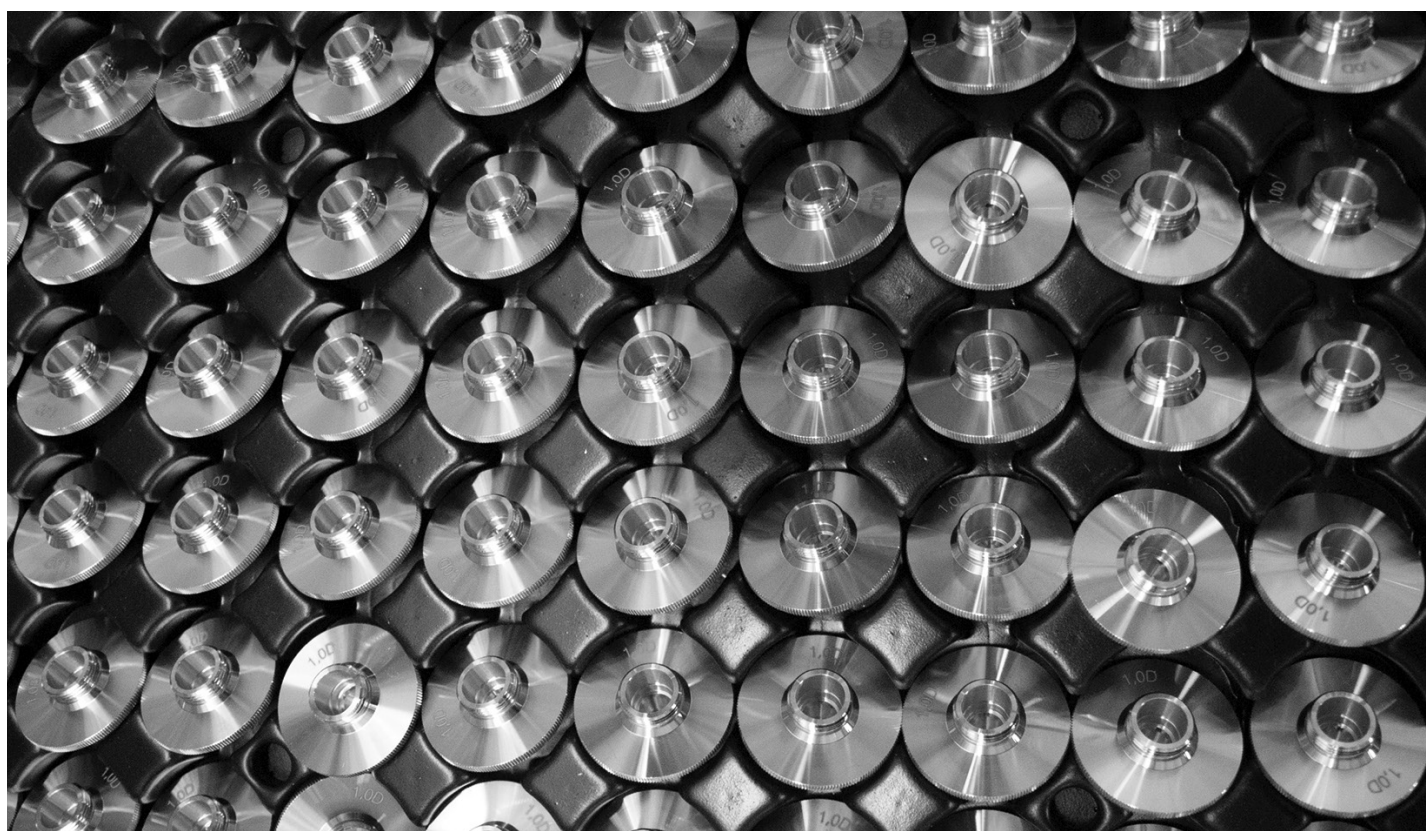
Look for CP in the part number to identify a chrome plated nozzle

Hard chrome plated

Premium nozzles offering the highest level of durability and longest nozzle life. These nozzles are not as shiny as chrome plated and have a dull appearance. Not recommended for use on fiber lasers.

Look for HCP in the part number to identify a hard chrome nozzle.

CP (chrome plated)	Nozzles plated with chrome for increased durability. These nozzles are easier to clean, resist damage due to 'tip-ups' and have better spatter resistance over non-plated nozzles. For use in all laser cutting applications.
Conical	Conical internal geometry for high pressure, non-ferrous cutting applications using nitrogen, air or argon.
Cylindrical	Cylindrical internal geometry for low pressure, mild steel cutting applications using oxygen.
Double	Insert pressed into a standard cylindrical nozzle for improved edge quality, laminar gas flow and spatter resistance. Primarily used in mild steel applications.
HCP (hard chrome plated)	Enhanced durability chrome plated nozzles. These nozzles are easier to clean, resist damage due to 'tip-ups' and have better spatter resistance over non-plated nozzles. For use in all laser cutting applications.
HP (high pressure) HD (high density)	Conical style nozzle for high pressure, non-ferrous cutting applications using nitrogen, air or argon.
Inner	Also referred to as a 'nozzle insert'. Works in conjunction with an outer nozzle to create a double nozzle. Primarily used in mild steel applications.
Low pressure	Cylindrical style nozzle for low pressure, mild steel cutting applications using oxygen.
Outer	Works in conjunction with an inner nozzle to create a double nozzle. Primarily used in mild steel applications.
Shower	Nozzles with a center orifice surrounded by smaller jets. The smaller jets focus the assist gas into the kerf, creating improved edge quality and the ability to cut thicker material. Primarily used in mild steel applications.



CO₂ and fiber laser optics

Optics key

Lens	
MEN	Meniscus
PLX	Plano-convex
MTD	Mounted
Not MTD	Not mounted
PO	Plano
MP5 or ULA	Ultra low absorption
AR	Anti-reflection
ZNSE	Zinc selenide
FS	Fused silica
DIA	Diameter
FL	Focal length
ET	Edge thickness
WD	Working distance

How to handle optics

Follow these easy steps, when cleaning or changing your optic, to help maximize the life and performance of your lens

- Avoid touching coated surfaces of the lens and hold the optic by its sides
- Wear powder-free finger cots or latex gloves when handling
- Do not use any tools or sharp objects when handling the optic or when removing it from its packaging
- Ensure the work surface is clean and free of oils, grease and dirt
- Do not place the optic on hard surfaces as they scratch easily
- Once the optic has been unpacked, carefully place it on the lens tissue in which it was originally wrapped

Optics disposal

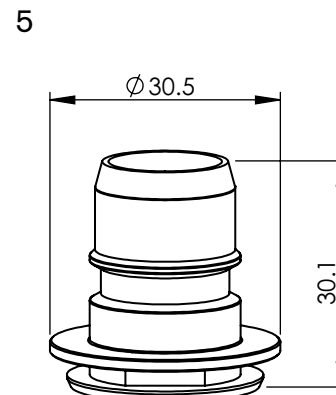
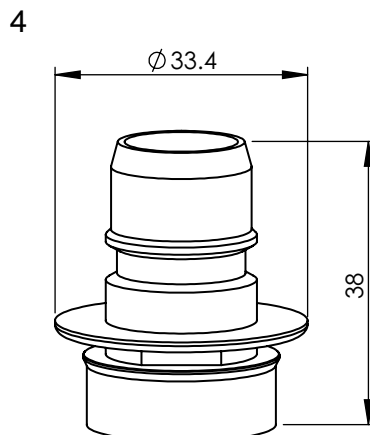
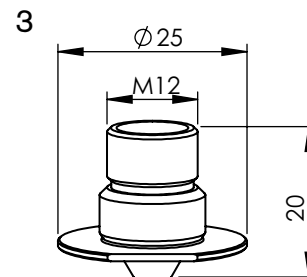
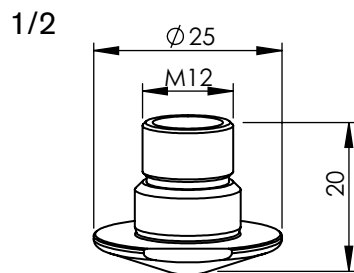
It is important to dispose of used laser optics at a licensed industrial waste facility which is in compliance with all local, state, and federal regulations. If you don't have access to a licensed industrial waste facility, and purchased your laser optics through Centricut, you may return them to Centricut for proper disposal. This service is only available to Centricut customers.

All optics returned to Centricut must:

- Include return authorization and invoice numbers
- Be sealed in a plastic bag to minimize any hazards
- Remove excess ZnSe powder prior to sealing

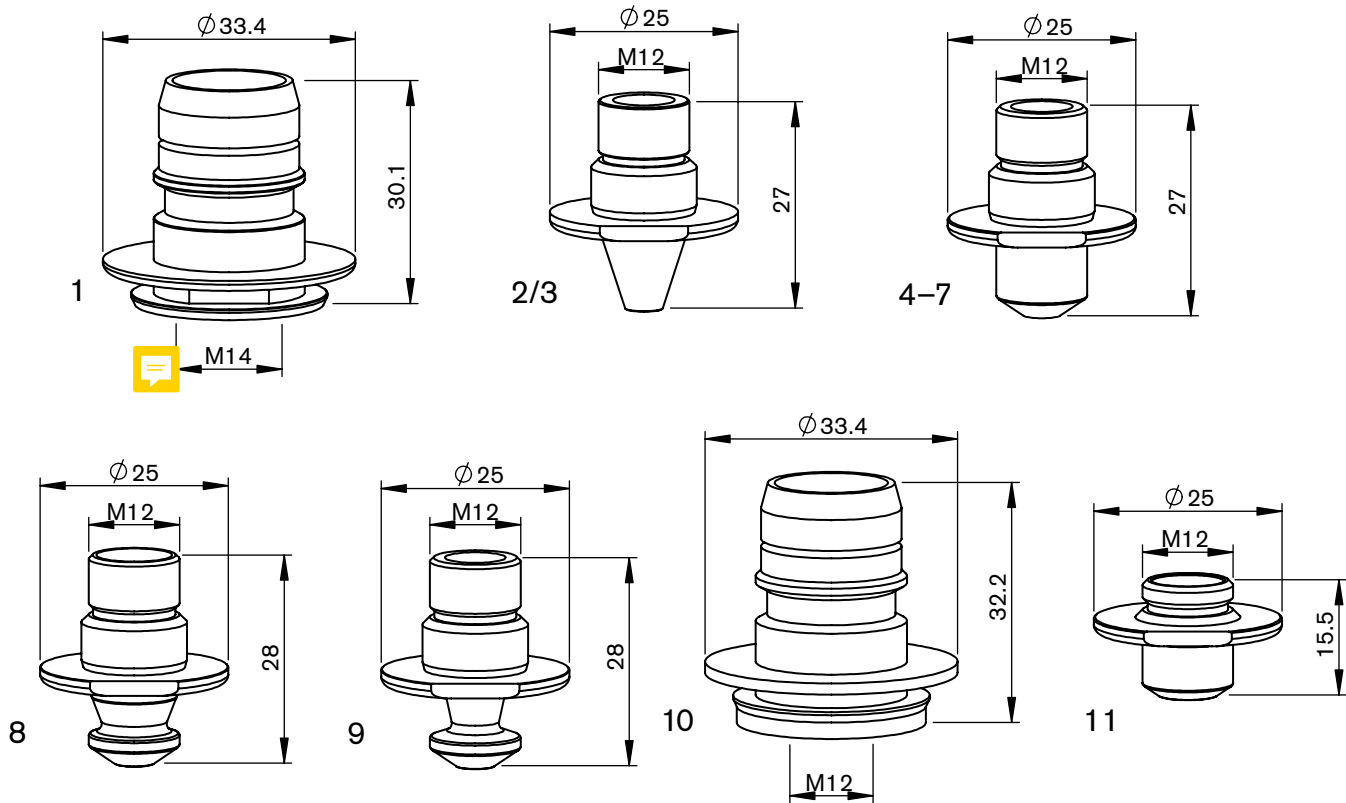
*Acceptance of goods will be refused if not packaged correctly or if the return authorization number isn't included





Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ368-4430CP	L941X		MZ-Nozzle, 1.0 mm CP	1
	MZ368-4470CP	L942X	46143304470	MZ-Nozzle, 1.2 mm CP	1
	MZ368-4450CP	L943X	46143304450	MZ-Nozzle, 1.5 mm CP	1
	MZ368-4460CP	L944X	46143304460	MZ-Nozzle, 2.0 mm CP	1
	MZ368-4480CP	L945X	46143304480	MZ-Nozzle, 2.5 mm CP	1
	MZ368-4490CP	L946X	46143304490	MZ-Nozzle, 3.0 mm CP	1
	MZ368-4500CP	L947X	46143304500	MZ-Nozzle, 3.5 mm CP	1
	MZ368-4510CP	L948X	46143304510	MZ-Nozzle, 4.0 mm CP	1
2	MZ373-0001	L952X		MZ-Nozzle double, 1.2 mm CP	1
	MZ368-0005CP	L953X	46143306450	MZ-Nozzle double, 1.5 mm CP	1
	MZ373-0003	L954X	46143306460	MZ-Nozzle double, 2.0 mm CP	1
	MZ373-0004	L955X	46143306480	MZ-Nozzle double, 2.5 mm CP	1
	MZ373-0005	L956X	46143306490	MZ-Nozzle double, 3.0 mm CP	1
	MZ373-0006	L957X	46143306500	MZ-Nozzle double, 3.5 mm CP	1
	MZ373-0007	L958X	46143306510	MZ-Nozzle double, 4.0 mm CP	1
3	MZ427-0002	L1265		MZ-Nozzle, 1.2 mm	1
4	MZ368-0740	AL363	36143310740	MZ-Nozzle holder	1
5	MZ368-0001	AL242	36143304420	MZ-Nozzle holder Hyper Gear	1



Consumables

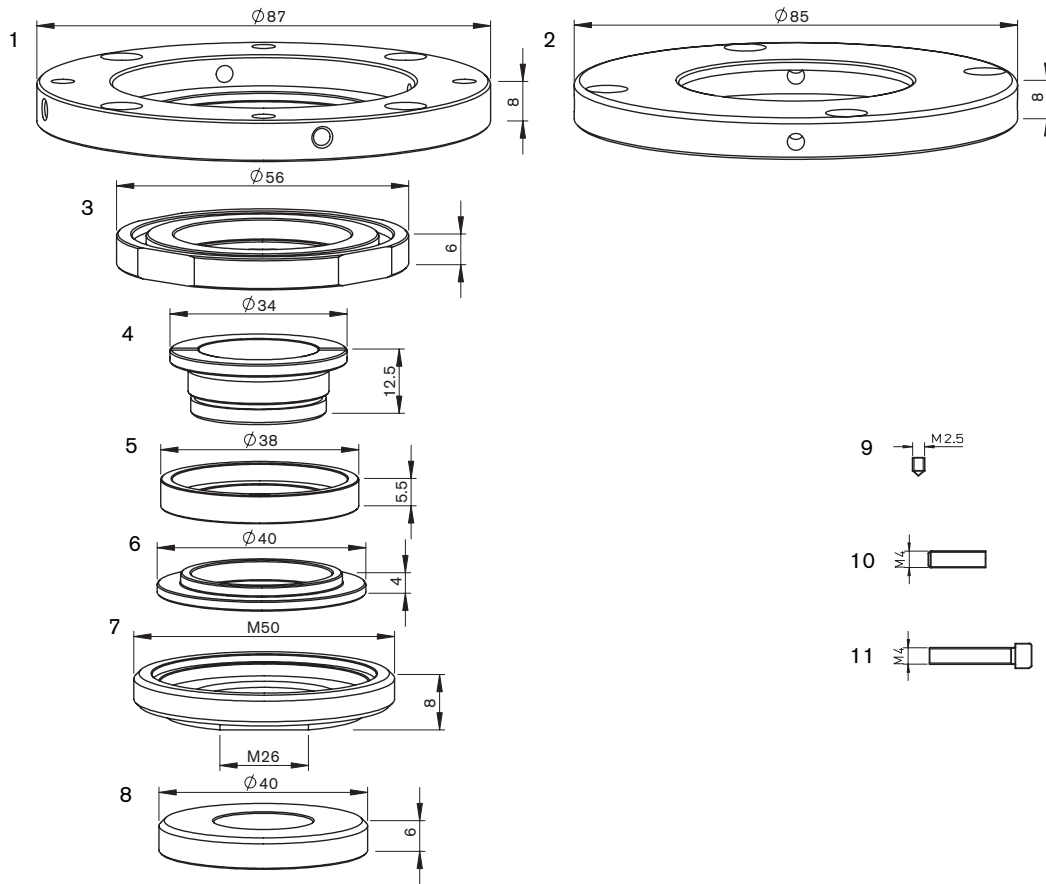
	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ368-0522	AL362	36143310522E, 36143310522, 36143310523	MZ-Nozzle holder	1
2	MZ373-0310CPX	L301380X	46143310332	MZ-Nozzle slim, 1.0 mm CP (10 pk)*	10
	MZ373-0341CPX	L301381X	46143310341, 46143310342, 46143310343	MZ-Nozzle slim, 1.2 mm CP (10 pk)*	10
	MZ373-0351CPX	L301382X	46143310351, 46143310352, 46143310353	MZ-Nozzle slim, 1.5 mm CP (10 pk)*	10
	MZ373-0361CPX	L301383X	46143310361, 46143310362, 46143310363	MZ-Nozzle slim, 2.0 mm CP (10 pk)*	10
	MZ373-0371CPX	L301384X	46143310371, 46143310372, 46143310373	MZ-Nozzle slim, 2.5 mm CP (10 pk)*	10
	MZ373-0381CPX	L301385X	46143310381, 46143310382, 46143310383	MZ-Nozzle slim, 3.0 mm CP (10 pk)*	10
	MZ373-0391CPX	L301386X	46143310391, 46143310392, 46143310393	MZ-Nozzle slim, 3.5 mm CP (10 pk)*	10
	MZ373-0401CPX	L301387X	46143310401, 46143310402, 46143310403	MZ-Nozzle slim, 4.0 mm CP (10 pk)*	10
3	MZ373-0311CPX	L301391X		MZ-Nozzle double slim, 1.0 mm CP (10 pk)*	10
	MZ373-0312CPX	L301399X		MZ-Nozzle double slim, 1.2 mm CP (10 pk)*	10
	MZ373-0315CPX	L301392X	36143311500	MZ-Nozzle double slim, 1.5 mm CP (10 pk)*	10
	MZ373-0320CPX	L301393X	36143311510, 36143311512	MZ-Nozzle double slim, 2.0 mm CP (10 pk)*	10
	MZ373-0325CPX	L301394X	36143311520, 36143311522	MZ-Nozzle double slim, 2.5 mm CP (10 pk)*	10
	MZ373-0330CPX	L301395X	36143311530, 36143311532	MZ-Nozzle double slim, 3.0 mm CP (10 pk)*	10
	MZ373-0335CPX	L301396X	36143311535, 36143312380	MZ-Nozzle double slim, 3.5 mm CP (10 pk)*	10
	MZ373-0340CPX	L301397X	36143312390	MZ-Nozzle double slim, 4.0 mm CP (10 pk)*	10
	MZ373-0350CPX	L301512X		MZ-Nozzle double slim, 5.0 mm CP (10 pk)*	10

Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
4	MZ373-1581CPX	L301581X	Q6143312210	MZ-Nozzle pencil, 1.0 mm CP (10 pk)*	10
	MZ373-1582CPX	L301582X	36143312220	MZ-Nozzle pencil, 1.2 mm CP (10 pk)*	10
	MZ373-1583CPX	L301583X	36143312230	MZ-Nozzle pencil, 1.5 mm CP (10 pk)*	10
	MZ373-1584CPX	L301584X	Q6143300060	MZ-Nozzle pencil, 1.8 mm CP (10 pk)*	10
	MZ373-1585CPX	L301585X	36143312240	MZ-Nozzle pencil, 2.0 mm CP (10 pk)*	10
	MZ373-1587CPX	L301587X	36143312250	MZ-Nozzle pencil, 2.5 mm CP (10 pk)*	10
	MZ373-1588CPX	L301588X	36143312260	MZ-Nozzle pencil, 3.0 mm CP (10 pk)*	10
	MZ373-1589CPX	L301589X	36143312270	MZ-Nozzle pencil, 3.5 mm CP (10 pk)*	10
	MZ373-1590CPX	L301590X	36143312280	MZ-Nozzle pencil, 4.0 mm CP (10 pk)*	10
	MZ373-1591CPX	L301591X	06143355590	MZ-Nozzle pencil, 4.5 mm CP (10 pk)*	10
	MZ373-1592CPX	L301592X	06283301030	MZ-Nozzle pencil, 5.0 mm CP (10 pk)*	10
	MZ373-1593CPX	L301593X	06283301830	MZ-Nozzle pencil, 5.5 mm CP (10 pk)*	10
5	MZ373-1601CPX	L301601X		MZ-Nozzle double pencil, 1.0 mm CP (10 pk)*	10
	MZ373-1602CPX	L301602X	Q6143300080	MZ-Nozzle double pencil, 1.2 mm CP (10 pk)*	10
	MZ373-1603CPX	L301603X	36143312300	MZ-Nozzle double pencil, 1.5 mm CP (10 pk)*	10
	MZ373-1604CPX	L301604X	36143312310	MZ-Nozzle double pencil, 1.8 mm CP (10 pk)*	10
	MZ373-1605CPX	L301605X	36143312311	MZ-Nozzle double pencil, 2.0 mm CP (10 pk)*	10
	MZ373-1607CPX	L301607X	36143312320	MZ-Nozzle double pencil, 2.5 mm CP (10 pk)*	10
	MZ373-1608CPX	L301608X	36143312330	MZ-Nozzle double pencil, 3.0 mm CP (10 pk)*	10
	MZ373-1609CPX	L301609X	36143312340	MZ-Nozzle double pencil, 3.5 mm CP (10 pk)*	10
	MZ373-1610CPX	L301610X	36143312350	MZ-Nozzle double pencil, 4.0 mm CP (10 pk)*	10
	MZ373-1611CPX	L301611X	6143312360	MZ-Nozzle double pencil, 4.5 mm CP (10 pk)*	10
	MZ373-1612CPX	L301612X	6143312370	MZ-Nozzle double pencil, 5.0 mm CP (10 pk)*	10
6	MZ373-1614CPX	L301614X	Q6260700010	MZ-Nozzle double pencil, 4.0 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1615CPX	L301615X	6143355360	MZ-Nozzle double pencil, 4.0 mm/inner 1.4 mm CP (10 pk)*	10
	MZ373-1616CPX	L301616X	6143355370	MZ-Nozzle double pencil, 4.0 mm/inner 1.8 mm CP (10 pk)*	10
	MZ373-1617CPX	L301617X	06283301050	MZ-Nozzle double pencil, 4.5 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1618CPX	L301618X	06283301200	MZ-Nozzle double pencil, 5.0 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1619CPX	L301619X	06283301210	MZ-Nozzle double pencil, 5.5 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1686CPX	L301686X	06283301840	MZ-Nozzle double pencil, 5.5 mm/inner 2.0 mm CP (10 pk)*	10
	MZ373-1688X	L301688X	06283302110	MZ-Nozzle double pencil, 7.0 mm/inner 1.8 mm CP (10 pk)*	10
7	MZ373-1572	L1572X	Q6143300020	MZ-Nozzle double pencil SUS, 3.5 mm CP	1
	MZ373-1573	L1573X	Q6143300030	MZ-Nozzle double pencil SUS, 4.0 mm CP	1
	MZ373-1574	L1574X	Q6143300040	MZ-Nozzle double pencil SUS, 4.5 mm CP	1
8	MZ373-1820CPX	L301829X	06283301820	MZ-Nozzle double pencil, 1.5 mm HP CP (10 pk)*	10
9	MZ373-1790CPX	L301816X	06283301790	MZ-Nozzle pencil, 1.0 mm HP CP (10 pk)*	10
	MZ373-1800CPX	L301817X	06283301800	MZ-Nozzle pencil, 1.2 mm HP CP (10 pk)*	10
	MZ373-1810CPX	L301818X	06283301810	MZ-Nozzle pencil, 1.5 mm HP CP (10 pk)*	10
10	MZ373-0465	AL465	36143310523	MZ-Nozzle holder	1
11	MZ373-0030	L1890	Q6283300030	MZ-Nozzle double smooth, 6.0 mm	1
	MZ373-0020	L1891	Q6283300020	MZ-Nozzle double smooth, 7.5 mm	1
	MZ373-0010	L1892	Q6283300010	MZ-Nozzle double smooth, 9.5 mm	1

* Centricut parts available in single packs. To order single packs, remove the 'X' at the end of the part number (e.g. AM123-4567X would be AM123-4567).

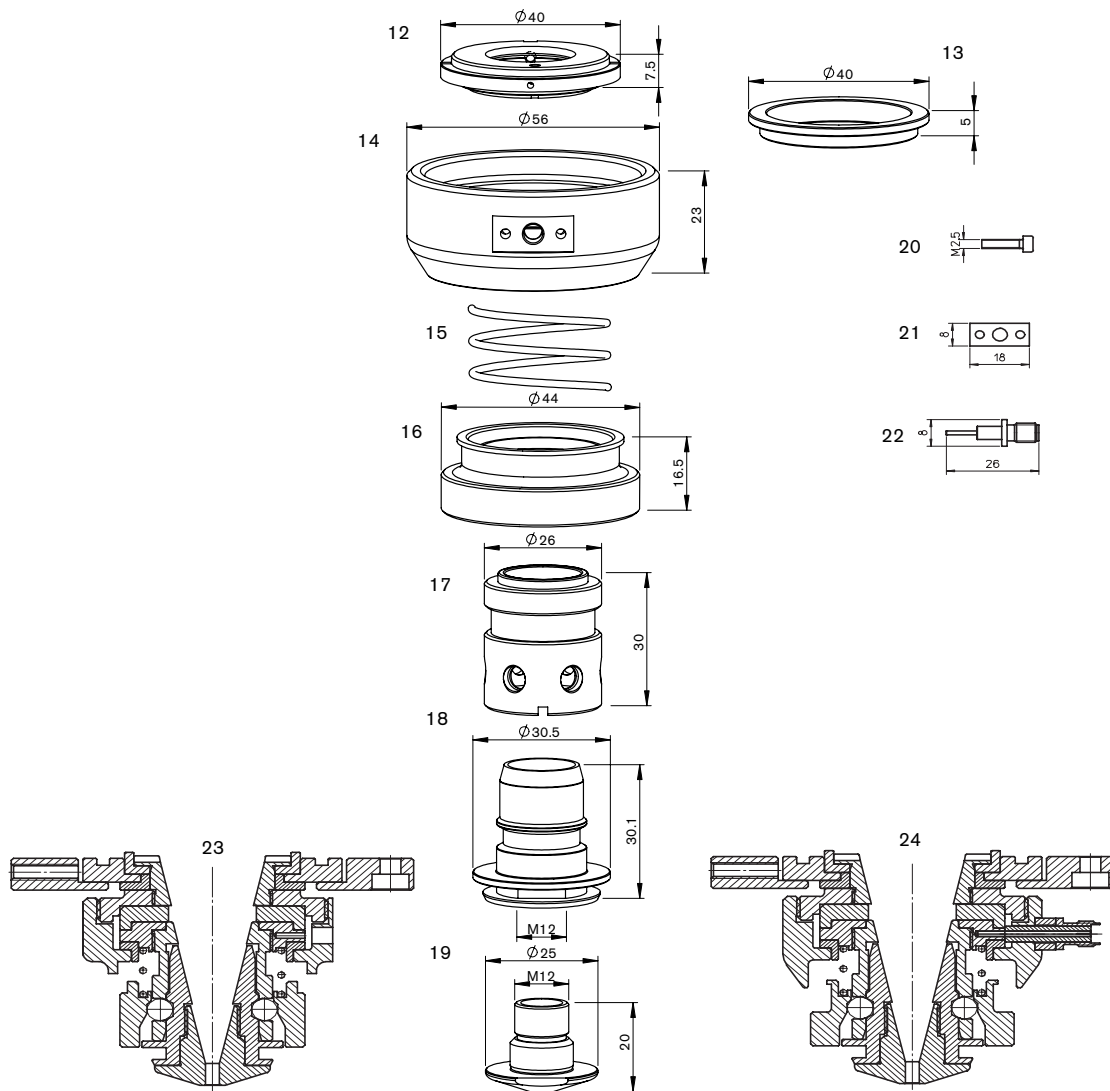
For Esse A parts available in single packs. To order single packs, remove the '30' after the L in the part number (e.g. L301401X would be L401X).



(Continued on next page)

Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ413-0332	AL320	3614330332	MZ-Ring, aluminum	1
2	MZ413-0630	AL492	6283300630	MZ-Ring, aluminum	1
3	MZ413-0620	AL491	6283300620	MZ-Ring, brass	1
	MZ413-0320	AL316	46143300320	MZ-Ring, brass	1
4	MZ413-0280	AL288	46143300280, 46143300281	MZ-Retainer nut	1
5	MZ408-0270	AL286	46143300270	MZ-Ring, ceramic	1
	MZ413-0270	AL386	46143300270	MZ-Insulating, PTFE*	1
6	MZ408-0260	AL285	46143300260C	MZ-Ring, ceramic	1
	MZ413-0260	AL385	46143300260	MZ-Insulating, PTFE*	1
7	MZ413-0290	AL294	46143300290	MZ-Retainer nut	1
8	MZ408-4440	AL290	46143304440	MZ-Ring, ceramic	1
	MZ413-4440	AL390	46143304440	MZ-Insulating, PTFE*	1
9	MZ413-1180	AL322	46183301180	MZ-Screw	1
10	MZ413-0010	AL321		MZ-Screw (4 pcs)	4
11	MZ413-0200	AL319	A06CB040200, A06CB040160	MZ-Set screw (4 pcs)	4



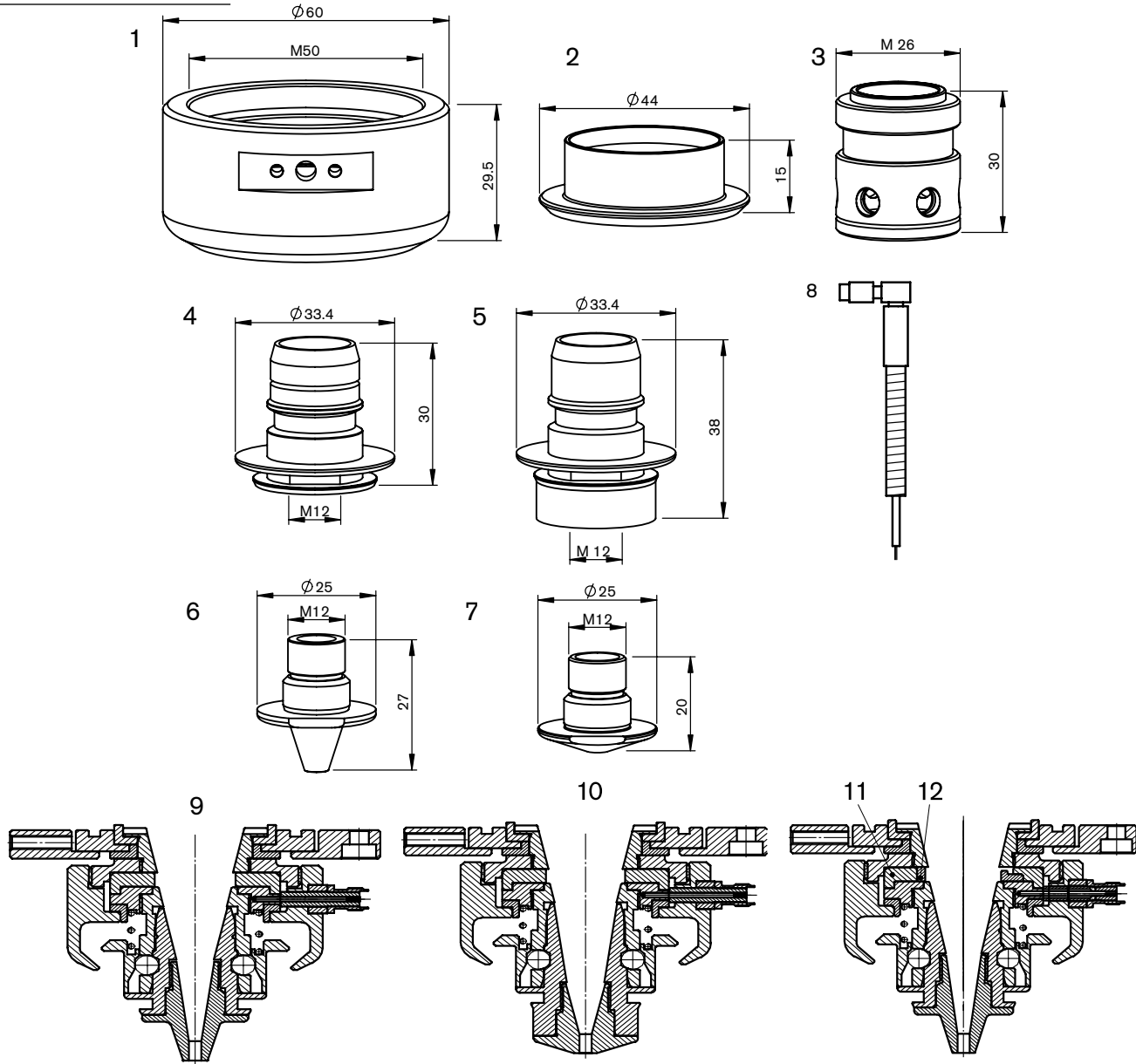
Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
12	MZ413-7420	AL295	46143307420, 46143307421	MZ-Retainer nut	1
13	MZ408-0240	AL284	46143300240	MZ-Ring, ceramic	1
	MZ413-0240	AL384	46143300240T	MZ-Insulating, PTFE*	1
14	MZ413-7980	AL313	36143307980	MZ-Body, aluminum	1
15	MZ413-0220	AL289	46143300220	MZ-Spring	1
16	MZ413-8000	AL314	46143308000	MZ-Spring retainer, steel	1
17	MZ413-4400	AL291	36143304400, 36143304401	MZ-Coupler	1
	MZ413-0230 (not shown)	AL311	46143300230	MZ-Ball kit replacement (6 pcs)	1
18	MZ368-0001	AL242	36143304420	MZ-Nozzle holder Hyper Gear	1
19	Please refer to the Mazak® nozzle section				
20	MZ413-0030	AL317	46603300030, A05GS002560	MZ-Screw	1
21	MZ413-8170	AL318	46143308170	MZ-Spacer	1
22	MZ413-8190	AL315	46143308190	MZ-Connector	1
23	MZ413-0001	TMA50/C		MZ-Complete head (ceramic insulating)	1
24	MZ413-0002	TMA40/C		MZ-Complete head (ceramic insulating)	1

*PolyTetraFluoroEthylene is a fluorocarbon-based polymer and is commonly abbreviated PTFE. The Teflon® brand of PTFE is manufactured only by DuPont and is not sold by Hypertherm. Hypertherm purchases other brands of PTFE from various high quality manufacturers.

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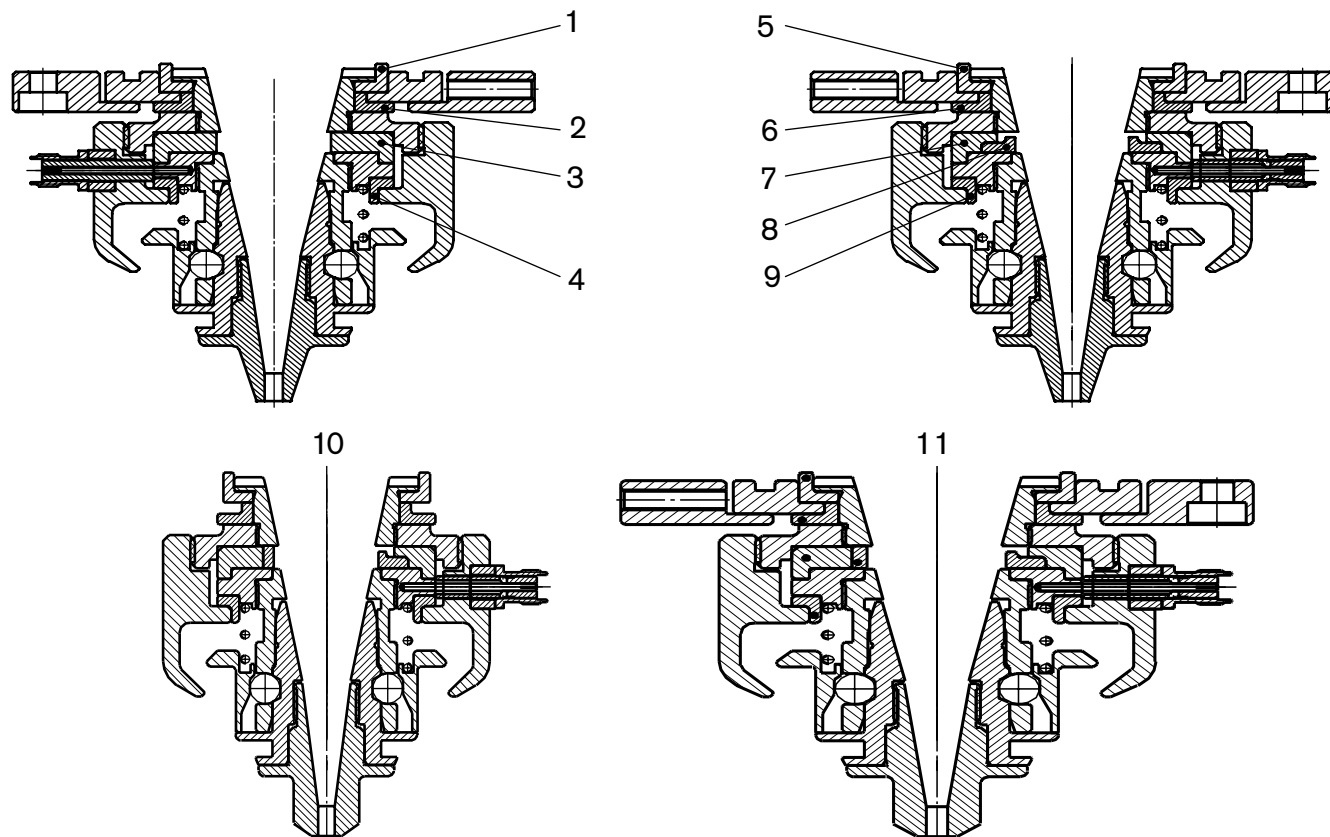
HyperGear – PFP torch



Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ368-0550	AL365	36143310550	MZ-Body, aluminum	1
2	MZ368-0541	AL366	36143310541, 36143310542	MZ-Retainer, steel	1
3	MZ368-0530	AL367	36143310530, 36143310531	MZ-Coupler	1
4	MZ368-0522	AL362	36143310522E, 36143310522, 36143310523	MZ-Nozzle holder	1
5	MZ368-0740	AL363	36143310740	MZ-Nozzle holder	1
6	Please refer to the Mazak® slim nozzle section				
7	Please refer to the Mazak® nozzle section				
8	MZ335-8290	AL368	46143308290	MZ-Sensor cable, 75 mm (3")	1
9	MZ368-0060	TMA60/C		MZ-Head w/ceramic spacer	1
10	MZ368-0070	TMA70/C		MZ-Head w/ceramic spacer	1
11/12	MZ368-2180	AL463	46143312180	MZ-Ring, 23x4 ceramic	1
	MZ368-2170	AL464	46143312170	MZ-Ring 40x6, PPS	1

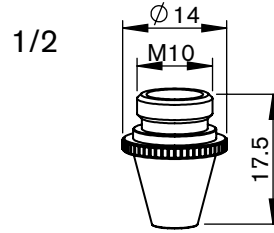
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Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ408-0270	AL286	46143300270	MZ-Ring, ceramic	1
	MZ413-0270	AL386	46143300270	MZ-Insulating, PTFE*	1
2	MZ408-0260	AL285	46143300260C	MZ-Ring, ceramic	1
	MZ413-0260	AL385	46143300260	MZ-Insulating, PTFE*	1
3	MZ408-4440	AL290	46143304440	MZ-Ring, ceramic	1
	MZ413-4440	AL390	46143304440	MZ-Insulating, PTFE*	1
4	MZ408-0240	AL284	46143300240	MZ-Ring, ceramic	1
	MZ413-0240	AL384	46143300240T	MZ-Insulating, PTFE*	1
5	MZ368-2100	AL486	46143312100, 46143312101	MZ-Insulating ring, 38x5.5 PPS	1
6	MZ368-2130	AL485	46143312130	MZ-Insulating ring, 40x4 PPS	1
7	MZ368-2080	AL490	46143312080	MZ-Spacer 40x6, PPS	1
8	MZ368-2090	AL487	46143312090	MZ-Ring, 30x3 ceramic	1
9	MZ368-2120	AL484	46143312120	MZ-Insulating ring, 40x5 PPS	1
10	MZ368-0085	TMA85	TMA85	MZ-Head w/PPS spacer	1
11	MZ368-0080	TMA80	TMA80	MZ-Head w/PPS spacer	1

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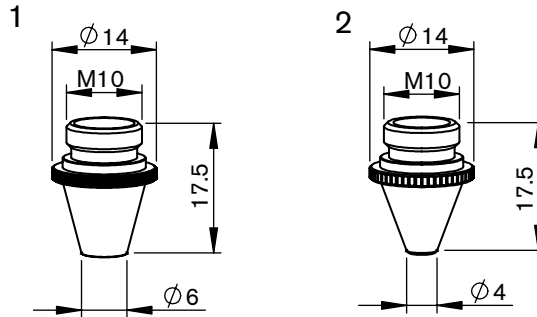


Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ322-0008X	L3078	46603350508	MZ-Nozzle, 0.8 mm (10 pk)	10
	MZ322-0511-1.0	L69	46603350511	MZ-Nozzle, 1.0 mm	1
	MZ322-0511X	L3069	46603350511	MZ-Nozzle, 1.0 mm (10 pk)	10
	MZ322-0512-1.2	L77	46603350512	MZ-Nozzle, 1.2 mm	1
	MZ322-0512X	L3077	46603350512	MZ-Nozzle, 1.2 mm (10 pk)	10
	MZ322-0520-1.5	L127	4660335052B	MZ-Nozzle, 1.5 mm	1
	PT322-0520X	L30127	4660335052B	PT-Nozzle, 1.5 mm (10 pk)	10
	MZ322-1517X	L3079	46603350517	MZ-Nozzle, 1.7 mm (10 pk)	10
	MZ322-0517X	L30281	46603350517-1,8	MZ-Nozzle, 1.8 mm (10 pk)*	10
	MZ322-0522-2.0	L80	4660335052C	MZ-Nozzle, 2.0 mm	1
	MZ322-0522X	L3080	4660335052C	MZ-Nozzle, 2.0 mm (10 pk)	10
	MZ322-0022X	L30282	46603350522-2,2	MZ-Nozzle, 2.2 mm (10 pk)*	10
	MZ322-0525-2.5	L124	46603350525	MZ-Nozzle, 2.5 mm	1
	MZ322-0025X	L30124	46603350525	MZ-Nozzle, 2.5 mm (10 pk)	10
	MZ322-0530-3.0	L150	46603350530	MZ-Nozzle, 3.0 mm	1
	MZ322-0030X	L30150	46603350530	MZ-Nozzle, 3.0 mm (10 pk)	10
	MZ322-0530-3.5	L708	46603350530-3,5	MZ-Nozzle, 3.5 mm	1
	MZ322-1035X	L30708	46603350530-3,5	MZ-Nozzle, 3.5 mm (10 pk)	10
	MZ322-0530-4.0	L709	46603350530-4,0	MZ-Nozzle, 4.0 mm	1
	MZ322-1040X	L30709	46603350530-4,0	MZ-Nozzle, 4.0 mm (10 pk)	10
2	MZ322-0512CPX	L3077X	46603350512	MZ-Nozzle, 1.2 mm CP (10 pk)*	10
	PT322-0520CPX	L30127X	4660335052B	PT-Nozzle, 1.5 mm CP (10 pk)*	10
	MZ322-0517CP	L281X	46603350517-1,8	MZ-Nozzle, 1.8 mm CP	1
	MZ322-0522CPX	L3080X	4660335052C	MZ-Nozzle, 1.8 mm CP (10 pk)*	10
	MZ322-0025CPX	L30124X	46603350525	MZ-Nozzle, 2.5 mm CP (10 pk)*	10
	MZ322-0030CPX	L30150X	46603350530	MZ-Nozzle, 3.0 mm CP (10 pk)*	10

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For Esse A parts available in single packs. To order single packs, remove the '30' after the L in the part number (e.g. L301401X would be L401X).

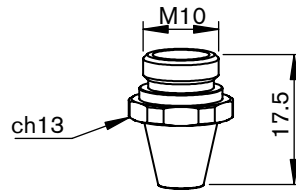


Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ346-0002X	L30616		MZ-Nozzle double, 1.2 mm (10 pk)*	10
	MZ346-0003X	L30617	46683302400	MZ-Nozzle double, 1.5 mm (10 pk)*	10
	MZ346-0005X	L30619		MZ-Nozzle double, 1.8 mm (10 pk)	10
	MZ346-0006X	L30620	46683302390	MZ-Nozzle double, 2.0 mm (10 pk)*	10
	MZ346-0008X	L30622	46683302400	MZ-Nozzle double, 2.5 mm (10 pk)*	10
	MZ346-0009X	L30623	46683302410	MZ-Nozzle double, 3.0 mm (10 pk)*	10
	MZ346-0002CPX	L30616X		MZ-Nozzle double, 1.2 mm CP (10 pk)*	10
	MZ346-0003CPX	L30617X	46683302380	MZ-Nozzle double, 1.5 mm CP (10 pk)*	10
	MZ346-0004CPX	L30618X		MZ-Nozzle double, 1.7 mm CP (10 pk)	10
	MZ346-0006CPX	L30620X	46683302390	MZ-Nozzle double, 2.0 mm CP (10 pk)*	10
	MZ346-0007CPX	L30621X		MZ-Nozzle double, 2.2 mm CP (10 pk)	10
	MZ346-0008CPX	L30622X	46683302400	MZ-Nozzle double, 2.5 mm CP (10 pk)*	10
	MZ346-0009CPX	L30623X	46683302410	MZ-Nozzle double, 3.0 mm CP (10 pk)*	10
2	MZ321-0521-1.0	L250	46603350521	MZ-Nozzle, 1.0 mm	1
	MZ321-0010X	L30250	46603350521	MZ-Nozzle, 1.0 mm (10 pk)	10
	MZ321-0521-1.2	L251	46603350521	MZ-Nozzle, 1.2 mm	1
	MZ321-0012X	L30251	46603350521	MZ-Nozzle, 1.2 mm (10 pk)	10
	MZ321-0520-1.5	L252	46603350520	MZ-Nozzle, 1.5 mm	1
	MZ321-0520X	L30252	46603350520	MZ-Nozzle, 1.5 mm (10 pk)	10
	M321-0521-1.7	L253	46603350521	MZ-Nozzle, 1.7 mm	1
	MZ321-0017X	L30253	46603350521	MZ-Nozzle, 1.7 mm (10 pk)	10
	MZ321-0522-2.0	L254	46603350522, 46683301721	MZ-Nozzle, 2.0 mm	1
	MZ321-0054X	L30254	46603350522	MZ-Nozzle, 2.0 mm (10 pk)	10
	MZ321-0522-2.5	L770	46603350522	MZ-Nozzle, 2.5 mm	1
	MZ321-1025X	L30770	46603350522	MZ-Nozzle, 2.5 mm (10 pk)	10
	MZ321-0522-3.0	L771	46683301281	MZ-Nozzle, 3.0 mm	1
	MZ321-1030X	L30771	46683301281	MZ-Nozzle, 3.0 mm (10 pk)	10
	MZ321-0010CPX	L30250X	46603350521	MZ-Nozzle, 1.0 mm CP (10 pk)	10
	MZ321-0012CPX	L30251X	46603350521	MZ-Nozzle, 1.2 mm CP (10 pk)	10
	MZ321-520-1.5CP	L252X	46603350520	MZ-Nozzle, 1.5 mm CP	1
	MZ321-0520CPX	L30252X	46603350520	MZ-Nozzle, 1.5 mm CP (10 pk)	10
	MZ321-522-2.0CP	L254X	46603350522	MZ-Nozzle, 2.0 mm CP	1
	MZ321-0054CPX	L30254X	46603350522	MZ-Nozzle, 2.0 mm CP (10 pk)	10
	MZ321-522-2.5CP	L770X	46603350522	MZ-Nozzle, 2.5 mm CP	1
	MZ321-1025CPX	L30770X	46603350522	MZ-Nozzle, 2.5 mm CP (10 pk)	10
	MZ321-1030CPX	L30771X	46683301281	MZ-Nozzle, 3.0 mm CP (10 pk)	10

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For Esse A parts available in single packs. To order single packs, remove the '30' after the L in the part number (e.g. L301401X would be L401X).

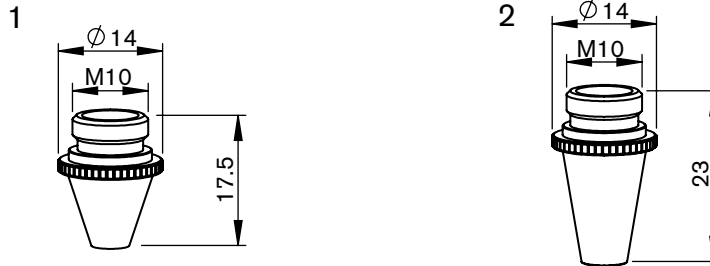
1-3



Consumables

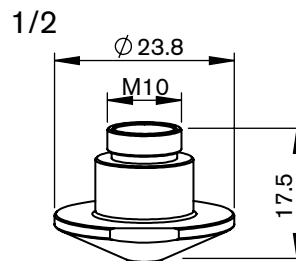
	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ385-0511X	L30726	46603350511	MZ-Nozzle hexagonal, 1.0 mm (10 pk)*	10
	MZ385-5052X	L30727	4660335052A	MZ-Nozzle hexagonal, 1.2 mm (10 pk)*	10
	MZ385-5052BX	L30728	4660335052B	MZ-Nozzle hexagonal, 1.5 mm (10 pk)*	10
	MZ385-0517X	L30729	46603350517	MZ-Nozzle hexagonal, 1.7 mm (10 pk)*	10
	MZ385-517X	L30730	46603350517-1,8	MZ-Nozzle hexagonal, 1.8 mm (10 pk)	10
	MZ385-5052CX	L30731	4660335052C	MZ-Nozzle hexagonal, 2.0 mm (10 pk)*	10
	MZ385-0522X	L30732	46603350522-2,2	MZ-Nozzle hexagonal, 2.2 mm (10 pk)	10
	MZ385-0003X	L30733	4660335052D	MZ-Nozzle hexagonal, 2.5 mm (10 pk)*	10
	MZ385-1003X	L30734	46603350530	MZ-Nozzle hexagonal, 3.0 mm (10 pk)	10
	MZ385-0530X	L30736	46603350530-4,0	MZ-Nozzle hexagonal, 4.0 mm (10 pk)	10
2	MZ385-0511CPX	L30726X	46603350511	MZ-Nozzle hexagonal, 1.0 mm CP (10 pk)*	10
	MZ385-5052CPX	L30727X	4660335052A	MZ-Nozzle hexagonal, 1.2 mm CP (10 pk)	10
	MZ385-052CPX	L30728X	4660335052B	MZ-Nozzle hexagonal, 1.5 mm CP (10 pk)*	10
	MZ385-0052CPX	L30731X	4660335052C	MZ-Nozzle hexagonal, 2.0 mm CP (10 pk)*	10
	MZ385-0003CPX	L30733X	4660335052D	MZ-Nozzle hexagonal, 2.5 mm CP (10 pk)	10
	MZ385-1003CPX	L30734X	46603350530	MZ-Nozzle hexagonal, 3.0 mm CP (10 pk)	10
	MZ385-0530CPX	L30736X	46603350530-4,0	MZ-Nozzle hexagonal, 4.0 mm CP (10 pk)	10
3	MZ419-0001X	L301223		MZ-Nozzle double hexagonal, 1.2 mm (10 pk)	10
	MZ419-0002X	L301224		MZ-Nozzle double hexagonal, 1.5 mm (10 pk)*	10
	MZ419-0003X	L301225		MZ-Nozzle double hexagonal, 1.8 mm (10 pk)	10
	MZ419-0004X	L301226		MZ-Nozzle double hexagonal, 2.0 mm (10 pk)	10
	MZ419-0005X	L301227		MZ-Nozzle double hexagonal, 2.2 mm (10 pk)	10
	MZ419-0006X	L301228		MZ-Nozzle double hexagonal, 2.5 mm (10 pk)	10
	MZ419-0001CPX	L301223X		MZ-Nozzle double hexagonal, 1.2 mm CP (10 pk)	10
	MZ419-0002CPX	L301224X		MZ-Nozzle double hexagonal, 1.5 mm CP (10 pk)	10
	MZ419-0004CPX	L301226X		MZ-Nozzle double hexagonal, 2.0 mm CP (10 pk)	10
	MZ419-0006CPX	L301228X		MZ-Nozzle double hexagonal, 2.5 mm CP (10 pk)	10
	MZ419-0007CPX	L301229X		MZ-Nozzle double hexagonal, 3.0 mm CP (10 pk)	10

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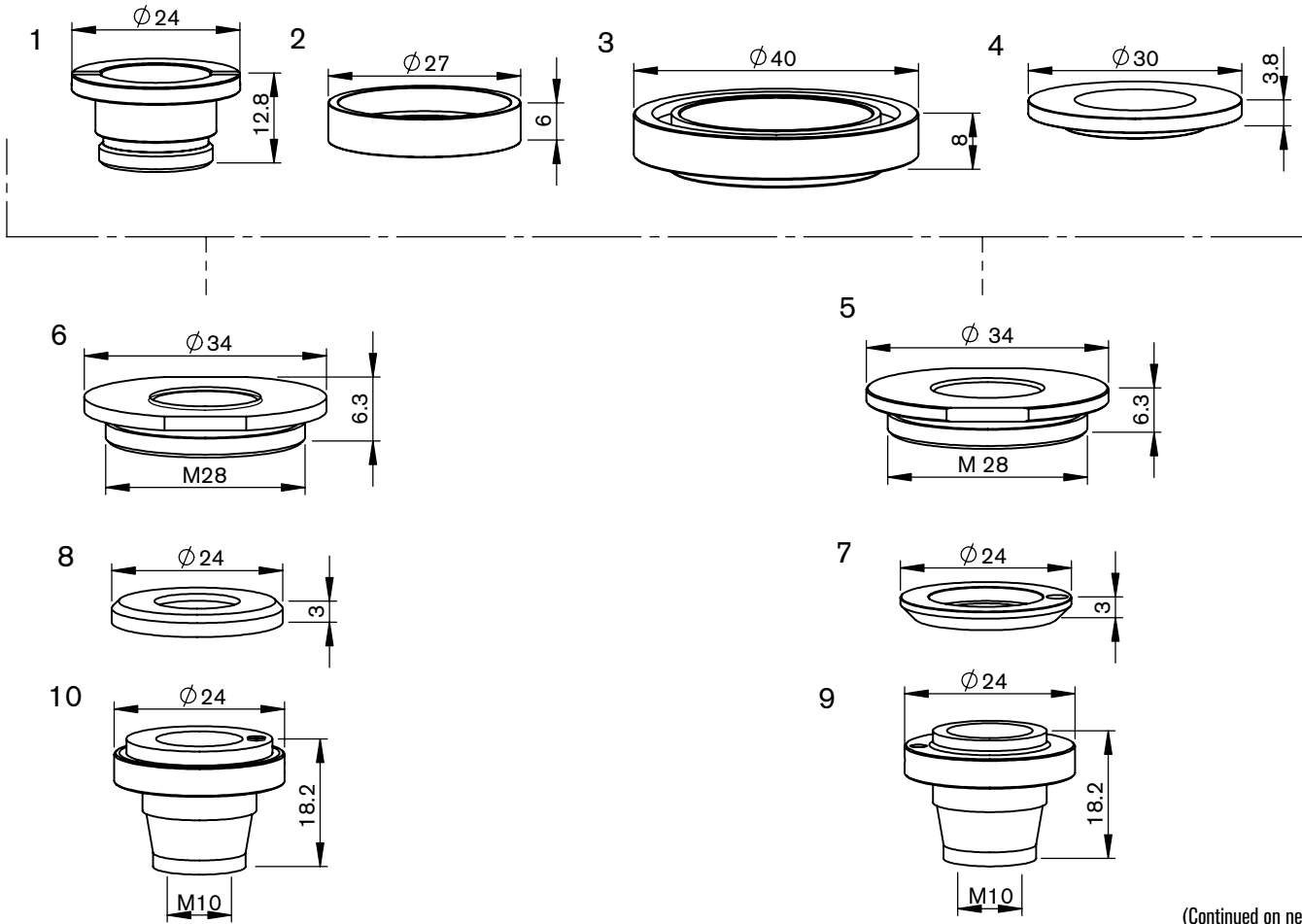
Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ322-0523	L492	46603350523	MZ-Nozzle shower, 1.0 mm	1
	MZ322-0523-1.5	L493		MZ-Nozzle shower, 1.5 mm	1
	MZ322-0523-2.0	L497		MZ-Nozzle shower, 2.0 mm	1
2	MZ322-0001	L284		MZ-Nozzle long, 2.0 mm	1



Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ335-0004	L428		MZ-Nozzle, 1.0 mm	1
	MZ335-0011	L423		MZ-Nozzle, 1.2 mm	1
	MZ335-1950	L429	46683301950	MZ-Nozzle, 1.5 mm	1
	MZ335-1821	L430	46683301821	MZ-Nozzle, 2.0 mm	1
	MZ335-1960	L431	46683301960	MZ-Nozzle, 2.5 mm	1
	MZ335-1970	L432	46683301970	MZ-Nozzle, 3.0 mm	1
	MZ335-0006	L472		MZ-Nozzle, 3.5 mm	1
	MZ335-0013	L473		MZ-Nozzle, 4.0 mm	1
	MZ335-1950CP	L429X	46683301950	MZ-Nozzle, 1.5 mm CP	1
	MZ335-1821CP	L430X	46683301821	MZ-Nozzle, 2.0 mm CP	1
	MZ335-1960CP	L431X	46683301960	MZ-Nozzle, 2.5 mm CP	1
	MZ335-1970CP	L432X	46683301970	MZ-Nozzle, 3.0 mm CP	1
2	MZ360-0002	L851		MZ-Nozzle double, 1.2 mm	1
	MZ360-0003	L852	46683302420	MZ-Nozzle double, 1.5 mm	1
	MZ360-0005	L853	46683302430	MZ-Nozzle double, 2.0 mm	1
	MZ360-0007	L854		MZ-Nozzle double, 2.5 mm	1
	MZ360-0008	L855	46683302450	MZ-Nozzle double, 3.0 mm	1
	MZ360-0003CP	L852X	46683302420	MZ-Nozzle double, 1.5 mm CP	1
	MZ360-0005CP	L853X	46683302430	MZ-Nozzle double, 2.0 mm CP	1
	MZ360-0008CP	L855X		MZ-Nozzle double, 3.0 mm CP	1

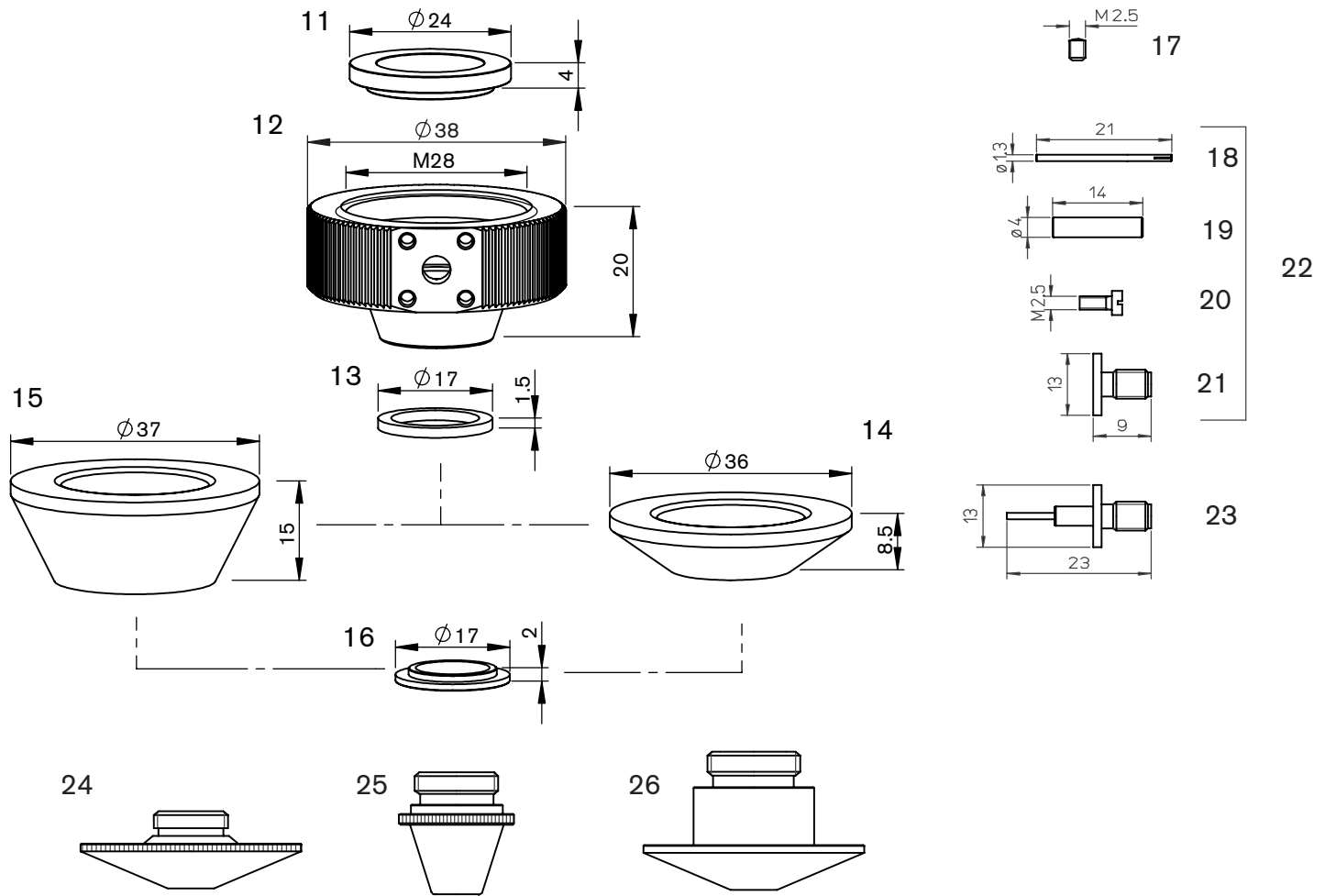


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Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ335-1110	AL74	46683301110, 46773300500	MZ-Bracket, copper	1
2	MZ335-1080	AL80	46683301090, 46683302081	MZ-Spacer 27x5.5, PTFE*	1
	MZ335-1080P	AL80/P	46683301090, 46683302081	MZ-Ring, plastic	1
	MZ335-1080C	AL280	46683301090, 46683302081	MZ-Ring, ceramic	1
	MZ335-1080M	ALM280	46683301080, 46683302081	MZ-Spacer 27x5.5, ceramic	1
	MZ309-3200 (not shown)	AL97		MZ-O-ring external base	1
3	MZ335-1070	AL84	46683301070	MZ-Base, brass	1
4	MZ335-1090	AL79	46683301090, 46683302091	MZ-Spacer 30x4, PTFE*	1
	MZ335-0090C	AL79/P	46683301090, 46683302091	MZ-Spacer 30x4, special	1
	MZ335-1090C	AL279	46683301090, 46683302091	MZ-Ring, ceramic	1
	MZ335-1090M	ALM279	46683301090, 46683302091	MZ-Spacer 30x4, ceramic	1
5	MZ335-1101	AL376	46773300510	MZ-Nut, copper	1
6	MZ335-1100	AL83	46683301100	MZ-Bracket, copper	1
7	MZ335-1120	AL77	46683301120	MZ-Spacer 24x3, PTFE*	1
	MZ335-1120LL	AL77/P	46683301120	MZ-Ring long life	1
	MZ335-1120C	AL277	46683301120	MZ-Ring, ceramic	1
8	MZ335-0710	AL377	46677330710	MZ-Ring, ceramic	1
	MZ335-0710M	ALM377	46773300710	MZ-Spacer 24x3, ceramic	1
9	MZ335-0850	AL75	46683300850	MZ-Nozzle body, copper	1
10	MZ335-0720	AL253	46773300720, 46773300721, 46683300720	MZ-Nozzle body, copper	1

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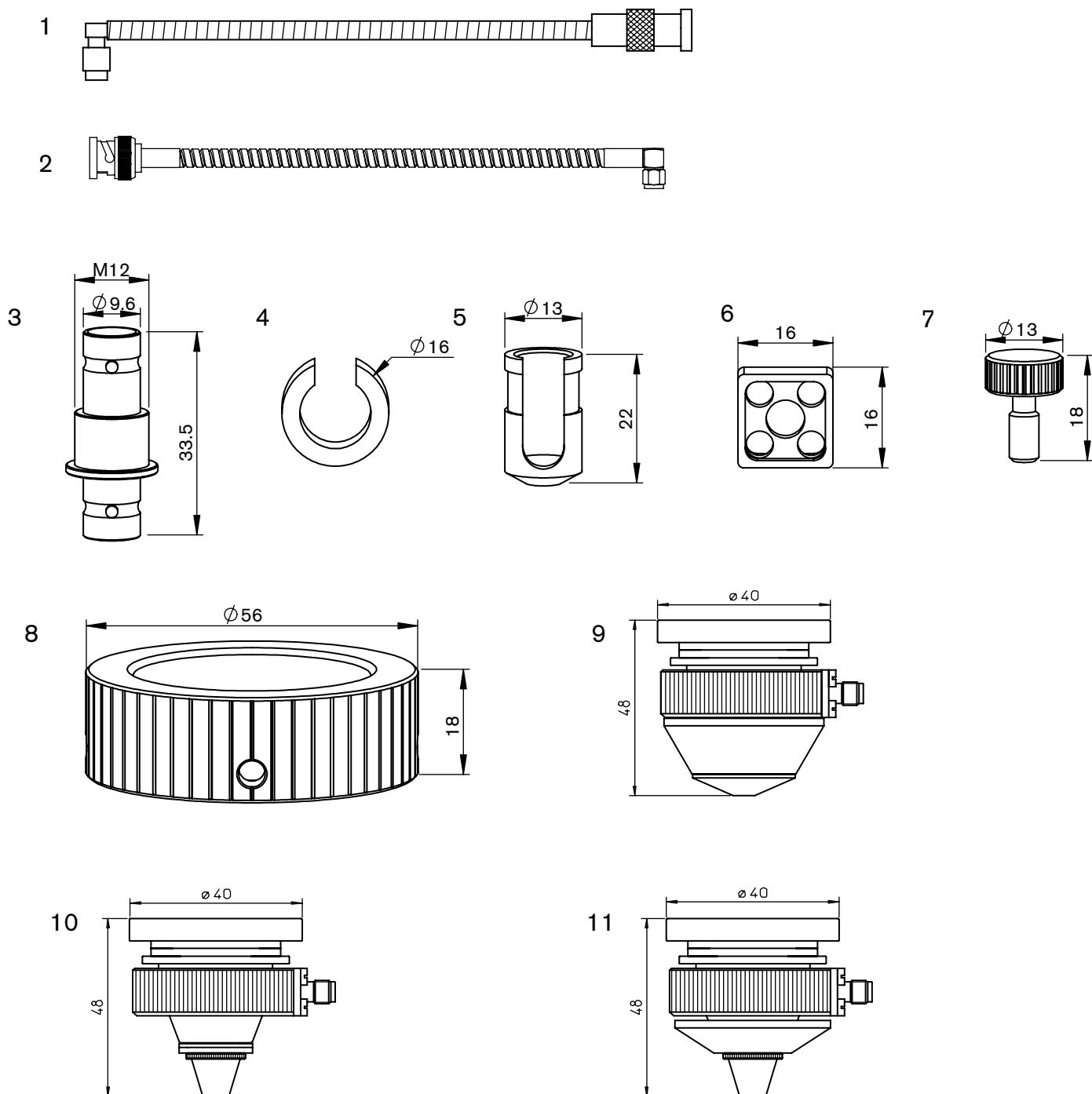


Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
11	MZ335-1130	AL78	46683301130, 46683302111	MZ-Spacer 24x4, PTFE*	1
	MZ335-1130LL	AL78/P	46683301130	MZ-Ring long life	1
	MZ335-1130C	AL278	46683301130	MZ-Spacer, ceramic	1
	MZ335-1130M	ALM278	46683301130	MZ-Spacer 24x4, ceramic	1
12	MZ335-1140	AL73	46683301140, 36773300530	MZ-Housing, aluminum	1
13	MZ335-1150	AL81	46683301150	MZ-Spacer 17x1.5, PTFE*	1
14	MZ335-1930	AL111	46683301930	MZ-Nozzle body cover	1
	MZ335-1930LL	AL111/P	46683301930P	MZ-Nozzle body cover, long life	1
	MZ335-0009	AL275	46683301930C	MZ-Protective cover, ceramic	1
15	MZ335-1841	AL118	46683301841	MZ-Nozzle cover	1
16	MZ335-1160	AL82	46683301160	MZ-Ring, 17x2, copper	1
17	MZ335-1180	AL119	46683301180	MZ-Bolt	1
18	MZ335-1170	AL76	46683301170	MZ-Contact	1
19	MZ335-0030	AL88	46683300030	MZ-Connecting pipe, PTFE *	1
20	MZ335-0000	AL127	46683300000	MZ-Screws for connector kit MZ335-0001 (4 pcs)	4
21	MZ335-1113	AL113	46683301170	MZ-Connector	1
22	MZ335-0001	AL154	46683301171, 46683301170, not assembled	MZ-Connector kit	1
23	MZ335-0001A	AL213	46683301171, 46683301170	MZ-Connector kit, assembled	1
24	Please refer to the Trumpf® nozzle section				
25	Please refer to the Mazak® nozzle section				
26	Please refer to the Mazak® nozzle section				

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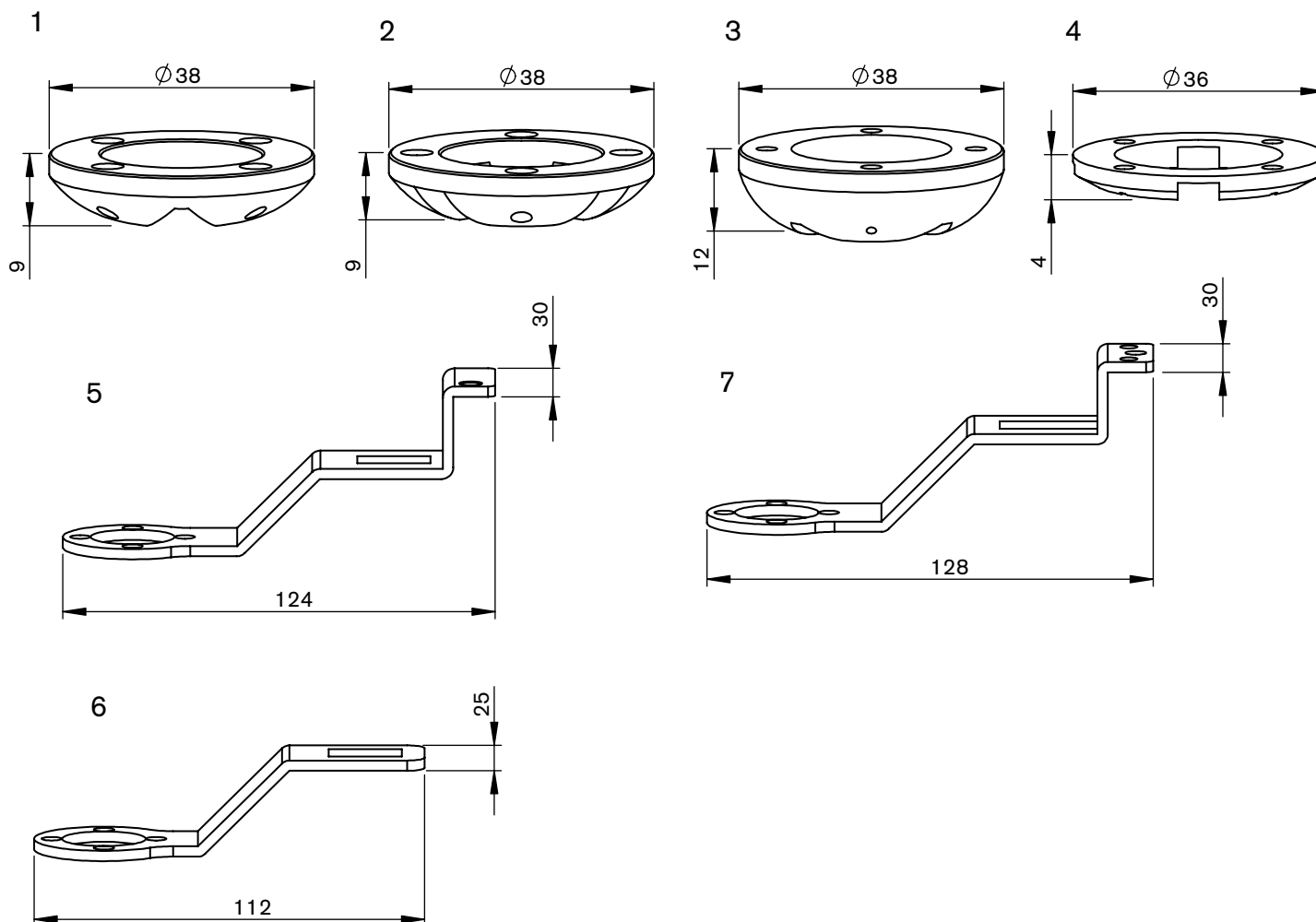
Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ335-1980	AL103	46683301980, 46683301982	MZ-Sensor head connecting cable, short 280 mm (11")	1
	MZ335-1330	AL103/S	46683301330	MZ-Sensor head connecting cable, long 310 mm (12")	1
2	MZ335-1330A	AL622	46683301330	MZ-Sensor cable, 305 mm (12") armored	1
	MZ335-1980A	AL643	46683301980, 46683301982	MZ-Sensor cable, 280 mm (11") armored	1
3	MZ335-0005	AL104		MZ-Connecting cable adapter	1
4	MZ335-1870	AL155	46683301870, 46683301920	MZ-Cover clips	1

Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
5	MZ335-1860	AL156	46683301860, 46683301910	MZ-Cable connector cover	1
	MZ335-1860LL	AL156/P	46683301860	MZ-Connector cover, long life	1
6	MZ335-1850	AL157	46683301851	MZ-Connector cover	1
	MZ335-1850P	AL157/P	46683301850, 46683301851	MZ-Cover, plastic	1
7	MZ335-0320	AL152	46683300032, 46603300032	MZ-Bolt M5 x 0.5	1
8	MZ335-0930	AL153	46683300930	MZ-Ring	1
9	MZ335-0002	TMA10		MZ-Head w/PTFE* spacer	1
	MZ335-1013	TMA10/C		MZ-Head w/ceramic spacer	1
	MZ335-0012	TMA10/P		MZ-Head w/long life spacer	1
10	MZ335-1014	TMA20		MZ-Head w/PTFE* spacer	1
	MZ335-0015	TMA20/P		MZ-Head w/long life spacer	1
	MZ335-0016	TMA20/C		MZ-Head w/ceramic spacer	1
11	MZ335-0017	TMA30		MZ-Head w/PTFE spacer	1
	MZ335-0018	TMA30/P		MZ-Head w/long life spacer	1
	MZ335-0019	TMA30/C		MZ-Head w/ceramic spacer	1

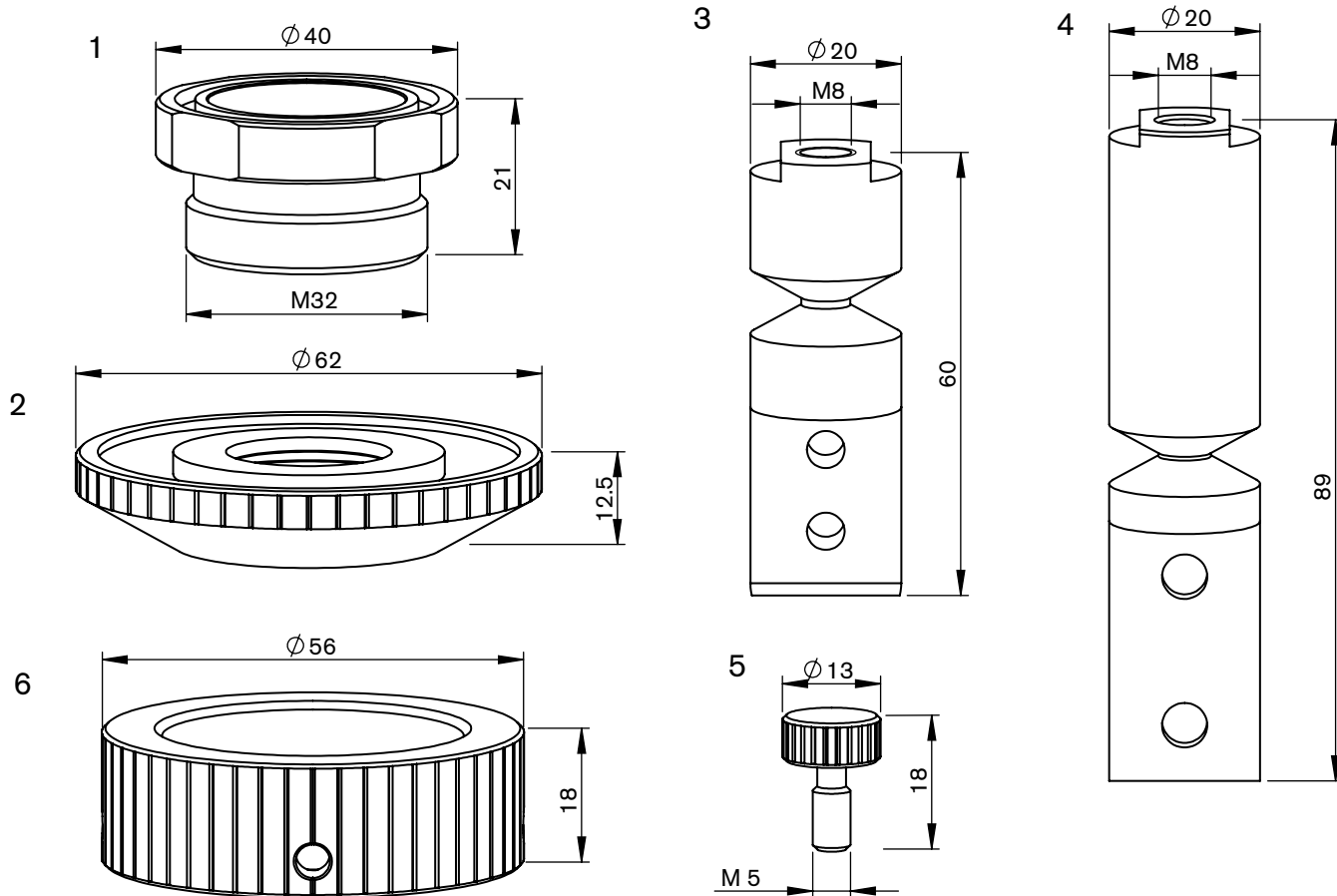
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Consumables

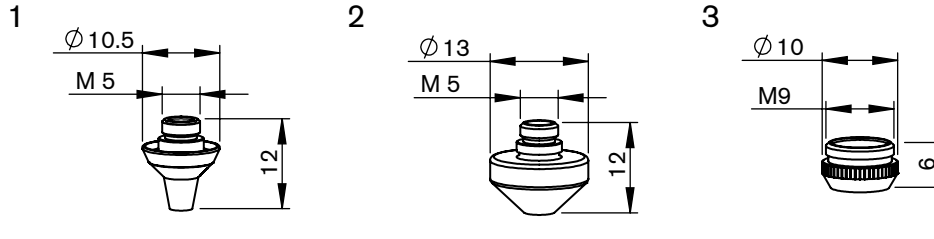
	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ309-5080	AL10	46602350080	MZ-Stylus foot H9, brass	1
	MZ309-1043	AL15	46572301043	MZ-Stylus foot H9, steel	1
	MZ309-1045	AL16	46572301045	MZ-Stylus foot H9, PTFE*	1
2	MZ309-0001	AL132		MZ-Stylus foot H9, brass	1
3	MZ309-1041	AL17	46572301041, 46602350070	MZ-Stylus foot H12, brass	1
	MZ309-1042	AL59	46572301042, 46572301041S	MZ-Stylus foot H12, steel	1
	MZ309-1041T	AL18	46572301041T	MZ-Stylus foot H12, PTFE*	1
4	MZ309-0520	AL117	46512300520	MZ-Stylus foot H4, brass	1
5	MZ309-0580	AL66	36602300580	MZ-Stylus arm w/screw M6	1
6	MZ309-0560	AL60	36602300560, 36682300050	MZ-Stylus arm	1
7	MZ309-0281	AL167	36682300281	MZ-Stylus arm w/screw M6 and M5	1
	MZ309-001 (not shown)		68057488	MZ-Screws for stylus feet (10 pcs)	10

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Consumables

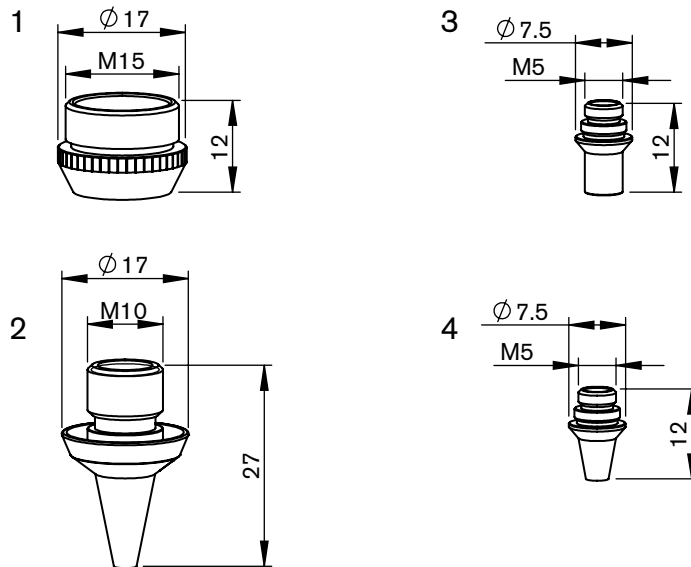
	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ309-0080	AL63	46523300080	MZ-Base	1
	MZ309-3200 (not shown)	AL97		MZ-O-ring external base	1
	MZ309-2200 (not shown)	AL98		MZ-O-ring internal base	1
2	MZ309-0030	AL57	46683300030	MZ-Retainer	1
3	MZ309-0280	AL14	36682300280, 36673300280	MZ-Breakaway bar L60-M8	1
4	MZ309-0550	AL12	36602300230	MZ-Breakaway bar L89-M8	1
5	MZ335-0320	AL152	46683300032, 46603300032	MZ-Bolt M5 x 0.5	1
6	MZ335-0930	AL153	46683300930	MZ-Ring	1



Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	PT347-0005X	L30554	46713300290-10	PT-Nozzle 3D, 1.0 mm (10 pk)*	10
	PT347-0290-1.2	L555	46713300290-12	PT-Nozzle 3D, 1.2 mm	1
	PT347-0090X	L30555	46713300290-12	PT-Nozzle 3D, 1.2 mm (10 pk)	10
	PT347-0290X	L30556	46713300290-15, P0352-381-00015	PT-Nozzle 3D, 1.5 mm (10 pk)*	10
	PT347-0118X	L30557	P0352-377-00018	PT-Nozzle 3D, 1.8 mm (10 pk)	10
	PT347-0280X	L30558	46713300310, P0352-382-00020	PT-Nozzle 3D, 2.0 mm (10 pk)*	10
	PT347-0001X	L30560	46713300280-25	PT-Nozzle 3D, 2.5 mm (10 pk)*	10
	PT347-0002X	L30563	46713300280-30, 46713300430	PT-Nozzle 3D, 3.0 mm (10 pk)*	10
	PT347-0035X	L30564	46713300280-35	PT-Nozzle 3D, 3.5 mm (10 pk)*	10
2	PT347-0004X	L30576	P0352-386-00010	PT-Nozzle 2D, 1.0 mm (10 pk)	10
	PT347-0012X	L30577	46713300310	PT-Nozzle 2D, 1.2 mm (10 pk)	10
	PT347-0310X	L30578	P0352-386-00015	PT-Nozzle 2D, 1.5 mm (10 pk)*	10
	PT347-0300X	L30580	46713300300, P0352-387-00020	PT-Nozzle 2D, 2.0 mm (10 pk)*	10
	PT347-0003X	L30581	46713300300-25	PT-Nozzle 2D, 2.5 mm (10 pk)*	10
	PT347-0006X	L30582	46713300300-30	PT-Nozzle 2D, 3.0 mm (10 pk)*	10
3	PT347-0320	AL160	46713300321, P0352-311-00001	PT-Union Nut, Vespel	1

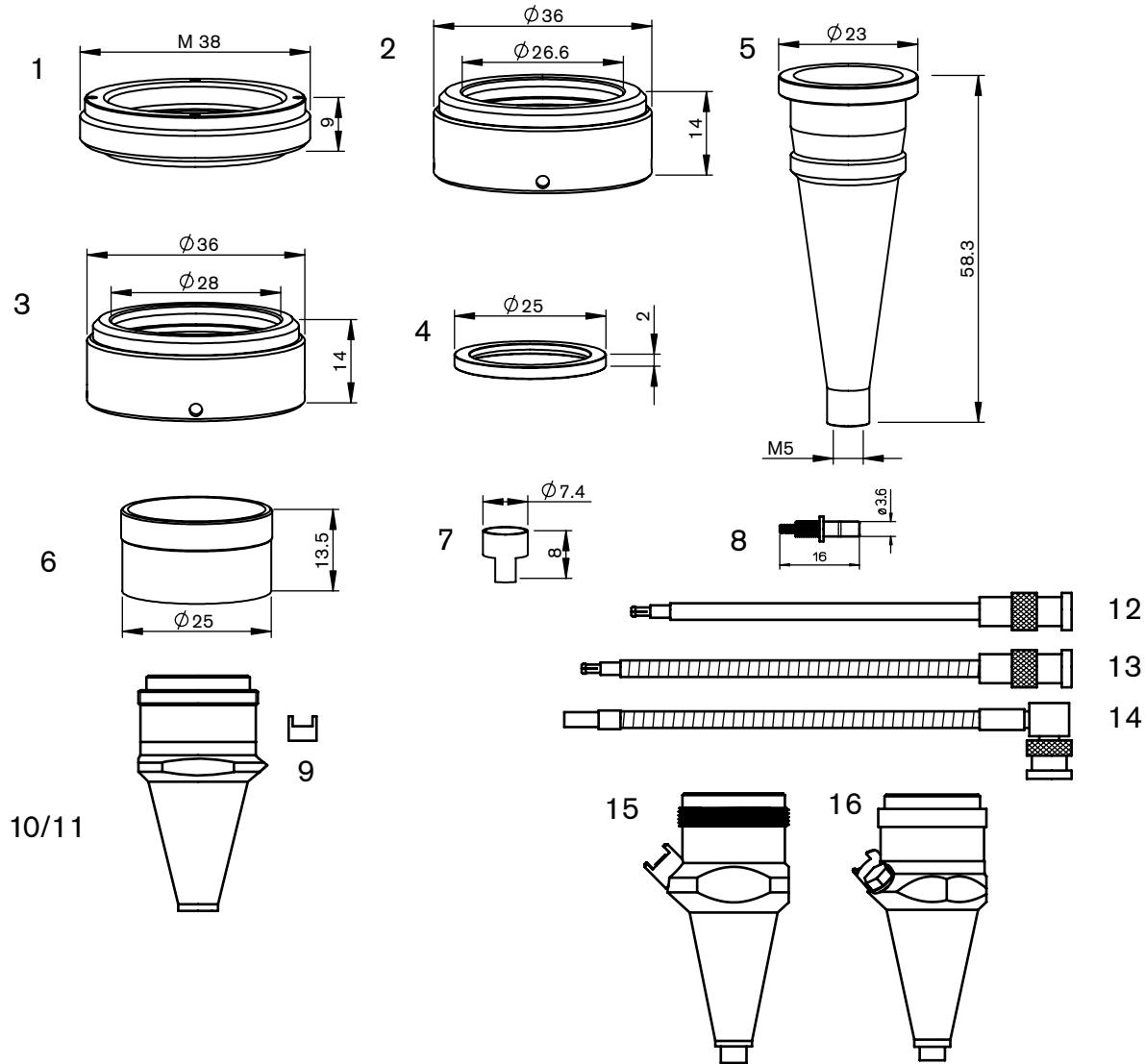
* Centricut parts available in single packs. To order single packs, remove the 'X' at the end of the part number (e.g. AM123-4567X would be AM123-4567).
For Esse A parts available in single packs. To order single packs, remove the '30' after the L in the part number (e.g. L301401X would be L401X).



Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ332-1280	AL337	46713331280	MZ-Nut, Vespel	1
2	MZ332-1305X	L301300		MZ-Nozzle 3D, 1.0 mm (10 pk)*	10
	MZ332-1320X	L301295	46713331320	MZ-Nozzle 3D, 1.2 mm (10 pk)*	10
	MZ332-1310X	L301296	46713331310	MZ-Nozzle 3D, 1.5 mm (10 pk)*	10
	MZ332-1301X	L301301		MZ-Nozzle 3D, 1.8 mm (10 pk)*	10
	MZ332-1300X	L301297	46713331300	MZ-Nozzle 3D, 2.0 mm (10 pk)*	10
	MZ332-1330X	L301298	46713331330	MZ-Nozzle 3D, 2.5 mm (10 pk)*	10
	MZ332-1290X	L301299	46713331290	MZ-Nozzle 3D, 3.0 mm (10 pk)*	10
3	PT347-1013X	L30482	281013, P0352-325-00015	PT-Nozzle ZK, 1.5 mm (10 pk)	10
	PT347-0899X	L30483	280899, P0352-326-00018	PT-Nozzle ZK, 1.8 mm (10 pk)	10
	PT347-0044X	L30484	350044.3, P0352-327-00020	PT-Nozzle ZK, 2.0 mm (10 pk)*	10
	PT347-1025X	L30485	350044.3, P0352-328-00025	PT-Nozzle ZK, 2.5 mm (10 pk)*	10
4	PT347-1006X	L30486	281006, P0352-333-00010	PT-Nozzle KK, 1.0 mm (10 pk)	10
	PT347-1031X	L30488	281031, P0352-335-00015	PT-Nozzle KK, 1.5 mm (10 pk)*	10
	PT347-0898X	L30489	280898, P0352-336-00018	PT-Nozzle KK, 1.8 mm (10 pk)	10
	PT347-1020X	L30490	P0352-336-00020	PT-Nozzle KK, 2.0 mm (10 pk)*	10

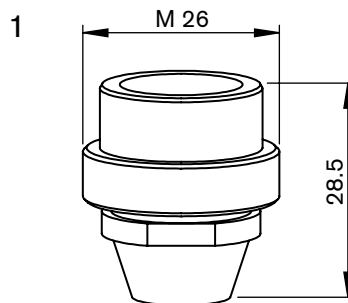
* Centricut parts available in single packs. To order single packs, remove the 'X' at the end of the part number (e.g. AM123-4567X would be AM123-4567).
For Esse A parts available in single packs. To order single packs, remove the '30' after the L in the part number (e.g. L301401X would be L401X).



Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	PT347-4297	AL198	P0492-702-00001, 29100021	PT-Insulating ring outer body	1
	AM326-6453 (not shown)	AL94		AM-O-ring for outer nozzle	1
2	PT347-0008	AL218	46713330200	PT-Isolating ring outer body (Precitec)	1
3	PT347-0920	AL221	46713330920	PT-Isolating ring outer body (Mazak)	1
4	PT347-350	AL350	46713330960	PT-Isolating ring, inner cone	1
5	PT347-349	AL349	46713330930	PT-Sensor cone inner	1
6	PT347-0940	AL353	46713330940	PT-Retaining ring	1
7	PT347-0009	AL256	46713300390	PT-Connector protector	1
8	PT347-1111	AL354	46713331111	PT- Connector w/spring	1
9	PT347-9006			PT-Connector cup, HNP	1
10	PT347-1240	AL351	46713331240	PT-Torch outer body	1
11	PT347-0369	AL369		Complete outer torch (PT347-1240/1111/0009)	1
12	PT347-0101	AL204	P0360-100-00500, 46713300100	PT-Sensor head connecting cable OEM	1
13	PT347-1386	AL257	281386, P0360-155-00500	PT-Electrode cable	1
14	PT347-0181	AL358	46743300181	PT-Sensor cable	1
15	PT347-3323		567123323A1	PT-Sensor cone HNP	1
16	PT347-0007	AL606	P0354-110-00001	PT-Sensor cone HNZ	1

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Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ321-0510	AL11	46603350510	MZ-Nozzle adapter body	1

1



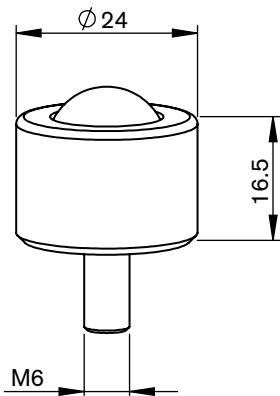
Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ335-1330A		46683301330	MZ-Sensor cable, 305 mm (12") armored	1
	MZ335-1980A		46683301980, 46683301982	MZ-Sensor cable, 280 mm (11") armored	1
	MZ335-0111A (not shown)	AL620	46743300111	MZ-Sensor cable, 280 mm (11") armored	1
	MZ335-0181A (not shown)	AL621	46743300181	MZ-Sensor cable, 317.5 mm (12.5") armored	1
	MZ335-5320 (not shown)	AL105	6143355320	MZ-Sensor cable, 70 mm (2.8") armored	1
	MZ335-630A (not shown)	AL623		MZ-Sensor cable, 630 mm (25") armored	1
	MZ335-HNPS (not shown)	AL605	HNPS	MZ-Sensor cone, HNP short version	1

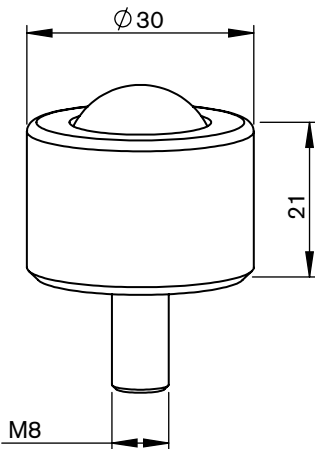
Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
	BY328-3884 (not shown)		333884	BY-Screws, plastic (2 pcs)	2
	AM313-2023 (not shown)		71232023	AM-Vacuum pump filter	1

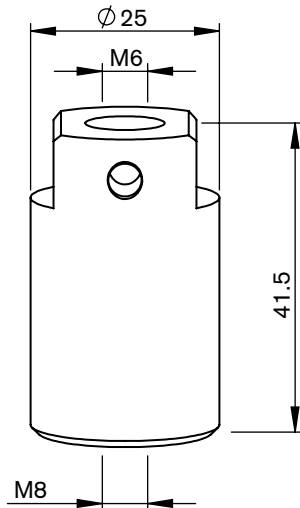
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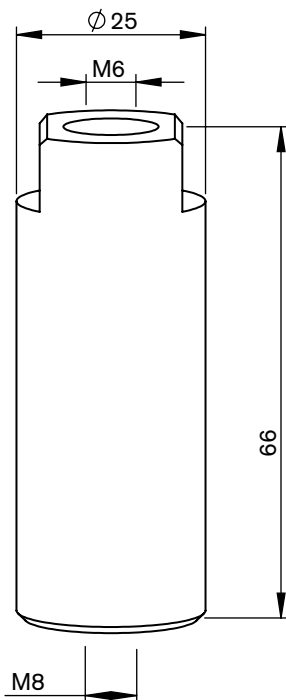
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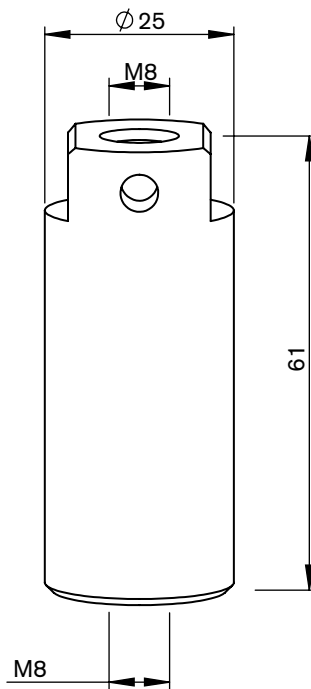
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Consumables

	Centricut part number	Esse A part number	Reference number	Description	Pkg qty
1	MZ309-Z580	AL61	Z21KV000580	MZ-Roller ball M6, 25 mm	1
	MZ309-Z580X	AL3061	Z21KV000580	MZ-Roller ball M6, 25 mm (10 pk)	10
	MZ309-Z580B	AL325	Z21KV000580	MZ-Roller ball M6, 25 mm	1
2	MZ309-1160	AL210	Z21ZZ001160	MZ-Roller ball M8, 30 mm	1
3	MZ309-0321	AL62	46575100321	MZ-Block, L41.5 stainless steel	1
4	MZ309-0050	AL134	46705100050	MZ-Block, L66 stainless steel	1
5	MZ309-0324	AL324		MZ-Block, stainless steel	1

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