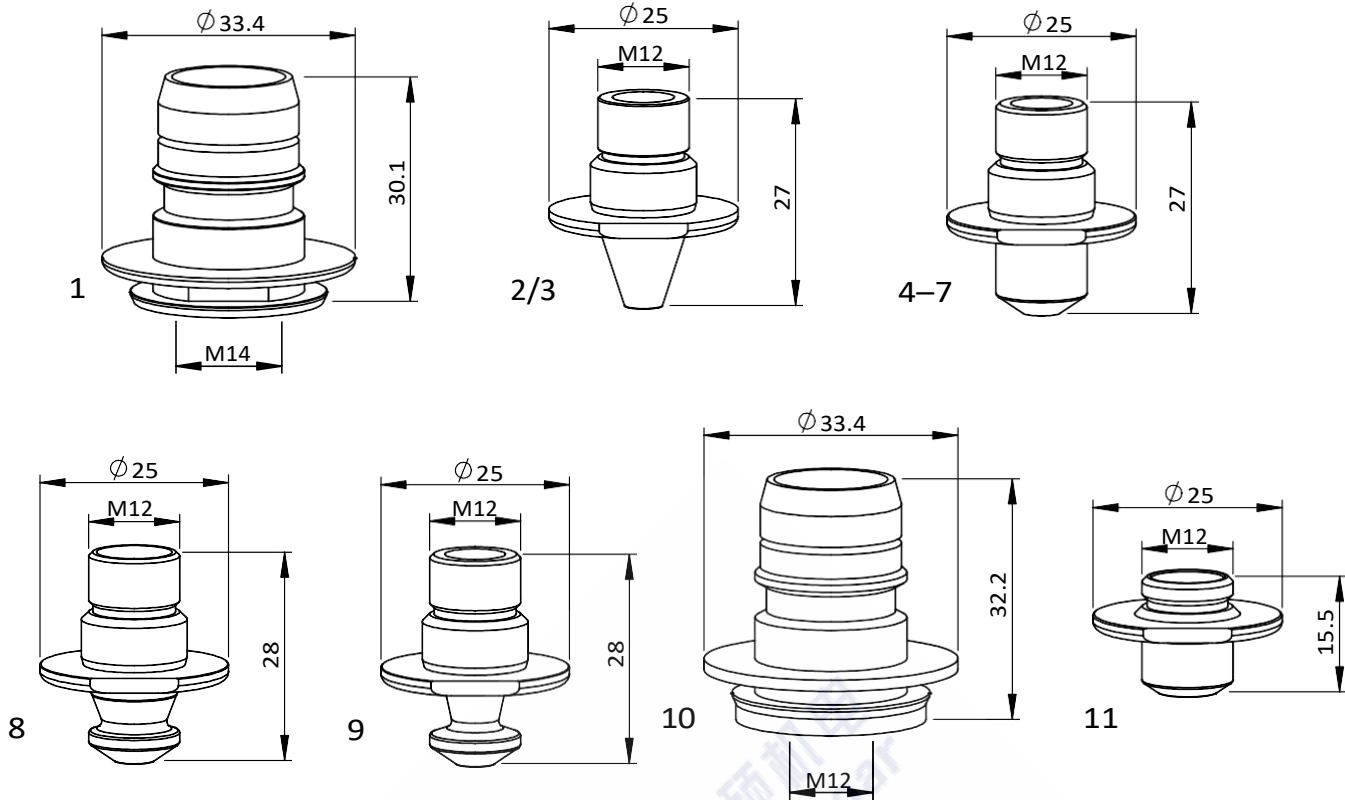

**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ368-4430CP			MZ-Nozzle, 1.0 mm CP	1
	MZ368-4470CP		46143304470	MZ-Nozzle, 1.2 mm CP	1
	MZ368-4450CP		46143304450	MZ-Nozzle, 1.5 mm CP	1
	MZ368-4460CP		46143304460	MZ-Nozzle, 2.0 mm CP	1
	MZ368-4480CP		46143304480	MZ-Nozzle, 2.5 mm CP	1
	MZ368-4490CP		46143304490	MZ-Nozzle, 3.0 mm CP	1
	MZ368-4500CP		46143304500	MZ-Nozzle, 3.5 mm CP	1
	MZ368-4510CP		46143304510	MZ-Nozzle, 4.0 mm CP	1
2	MZ373-0001			MZ-Nozzle double, 1.2 mm CP	1
	MZ368-0005CP		46143306450	MZ-Nozzle double, 1.5 mm CP	1
	MZ373-0003		46143306460	MZ-Nozzle double, 2.0 mm CP	1
	MZ373-0004		46143306480	MZ-Nozzle double, 2.5 mm CP	1
	MZ373-0005		46143306490	MZ-Nozzle double, 3.0 mm CP	1
	MZ373-0006		46143306500	MZ-Nozzle double, 3.5 mm CP	1
	MZ373-0007		46143306510	MZ-Nozzle double, 4.0 mm CP	1
3	MZ427-0002			MZ-Nozzle, 1.2 mm	1
4	MZ368-0740		36143310740	MZ-Nozzle holder	1
5	MZ368-0001		36143304420	MZ-Nozzle holder Hyper Gear	1



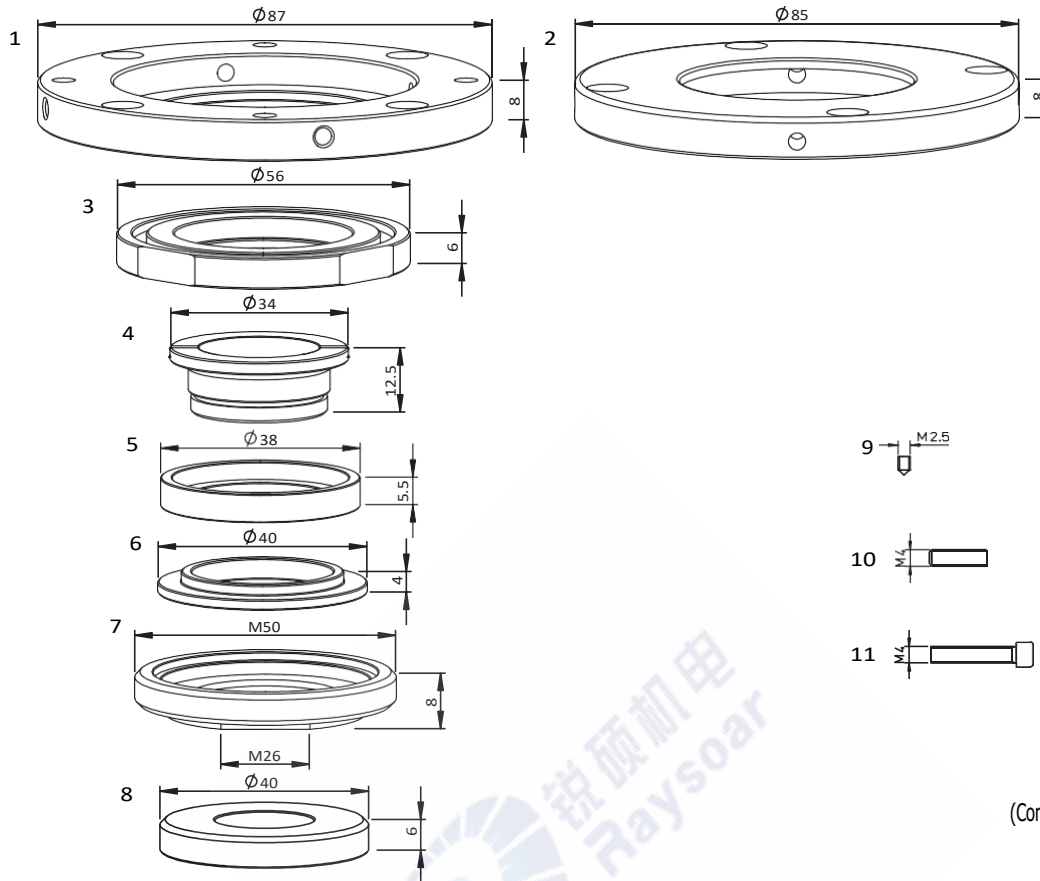
## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ368-0522		36143310522E, 36143310522, 36143310523	MZ-Nozzle holder	1
2	MZ373-0310CPX		46143310332	MZ-Nozzle slim, 1.0 mm CP (10 pk)*	10
	MZ373-0341CPX		46143310341, 46143310342, 46143310343	MZ-Nozzle slim, 1.2 mm CP (10 pk)*	10
	MZ373-0351CPX		46143310351, 46143310352, 46143310353	MZ-Nozzle slim, 1.5 mm CP (10 pk)*	10
	MZ373-0361CPX		46143310361, 46143310362, 46143310363	MZ-Nozzle slim, 2.0 mm CP (10 pk)*	10
	MZ373-0371CPX		46143310371, 46143310372, 46143310373	MZ-Nozzle slim, 2.5 mm CP (10 pk)*	10
	MZ373-0381CPX		46143310381, 46143310382, 46143310383	MZ-Nozzle slim, 3.0 mm CP (10 pk)*	10
	MZ373-0391CPX		46143310391, 46143310392, 46143310393	MZ-Nozzle slim, 3.5 mm CP (10 pk)*	10
	MZ373-0401CPX		46143310401, 46143310402, 46143310403	MZ-Nozzle slim, 4.0 mm CP (10 pk)*	10
3	MZ373-0311CPX		36143311500	MZ-Nozzle double slim, 1.0 mm CP (10 pk)*	10
	MZ373-0312CPX		36143311510, 36143311512	MZ-Nozzle double slim, 1.2 mm CP (10 pk)*	10
	MZ373-0315CPX		36143311520, 36143311522	MZ-Nozzle double slim, 1.5 mm CP (10 pk)*	10
	MZ373-0320CPX		36143311530, 36143311532	MZ-Nozzle double slim, 2.0 mm CP (10 pk)*	10
	MZ373-0325CPX		36143311535, 36143312380	MZ-Nozzle double slim, 2.5 mm CP (10 pk)*	10
	MZ373-0330CPX		36143312390	MZ-Nozzle double slim, 3.0 mm CP (10 pk)*	10
	MZ373-0335CPX			MZ-Nozzle double slim, 3.5 mm CP (10 pk)*	10
	MZ373-0340CPX			MZ-Nozzle double slim, 4.0 mm CP (10 pk)*	10
MZ373-0350CPX			MZ-Nozzle double slim, 5.0 mm CP (10 pk)*	10	

**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
4	MZ373-1581CPX		Q6143312210	MZ-Nozzle pencil, 1.0 mm CP (10 pk)*	10
	MZ373-1582CPX		36143312220	MZ-Nozzle pencil, 1.2 mm CP (10 pk)*	10
	MZ373-1583CPX		36143312230	MZ-Nozzle pencil, 1.5 mm CP (10 pk)*	10
	MZ373-1584CPX		Q6143300060	MZ-Nozzle pencil, 1.8 mm CP (10 pk)*	10
	MZ373-1585CPX		36143312240	MZ-Nozzle pencil, 2.0 mm CP (10 pk)*	10
	MZ373-1587CPX		36143312250	MZ-Nozzle pencil, 2.5 mm CP (10 pk)*	10
	MZ373-1588CPX		36143312260	MZ-Nozzle pencil, 3.0 mm CP (10 pk)*	10
	MZ373-1589CPX		36143312270	MZ-Nozzle pencil, 3.5 mm CP (10 pk)*	10
	MZ373-1590CPX		36143312280	MZ-Nozzle pencil, 4.0 mm CP (10 pk)*	10
	MZ373-1591CPX		06143355590	MZ-Nozzle pencil, 4.5 mm CP (10 pk)*	10
	MZ373-1592CPX		06283301030	MZ-Nozzle pencil, 5.0 mm CP (10 pk)*	10
MZ373-1593CPX		06283301830	MZ-Nozzle pencil, 5.5 mm CP (10 pk)*	10	
5	MZ373-1601CPX			MZ-Nozzle double pencil, 1.0 mm CP (10 pk)*	10
	MZ373-1602CPX		Q6143300080	MZ-Nozzle double pencil, 1.2 mm CP (10 pk)*	10
	MZ373-1603CPX		36143312300	MZ-Nozzle double pencil, 1.5 mm CP (10 pk)*	10
	MZ373-1604CPX		36143312310	MZ-Nozzle double pencil, 1.8 mm CP (10 pk)*	10
	MZ373-1605CPX		36143312311	MZ-Nozzle double pencil, 2.0 mm CP (10 pk)*	10
	MZ373-1607CPX		36143312320	MZ-Nozzle double pencil, 2.5 mm CP (10 pk)*	10
	MZ373-1608CPX		36143312330	MZ-Nozzle double pencil, 3.0 mm CP (10 pk)*	10
	MZ373-1609CPX		36143312340	MZ-Nozzle double pencil, 3.5 mm CP (10 pk)*	10
	MZ373-1610CPX		36143312350	MZ-Nozzle double pencil, 4.0 mm CP (10 pk)*	10
	MZ373-1611CPX		6143312360	MZ-Nozzle double pencil, 4.5 mm CP (10 pk)*	10
	MZ373-1612CPX		6143312370	MZ-Nozzle double pencil, 5.0 mm CP (10 pk)*	10
6	MZ373-1614CPX		Q6260700010	MZ-Nozzle double pencil, 4.0 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1615CPX		6143355360	MZ-Nozzle double pencil, 4.0 mm/inner 1.4 mm CP (10 pk)*	10
	MZ373-1616CPX		6143355370	MZ-Nozzle double pencil, 4.0 mm/inner 1.8 mm CP (10 pk)*	10
	MZ373-1617CPX		06283301050	MZ-Nozzle double pencil, 4.5 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1618CPX		06283301200	MZ-Nozzle double pencil, 5.0 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1619CPX		06283301210	MZ-Nozzle double pencil, 5.5 mm/inner 1.2 mm CP (10 pk)*	10
	MZ373-1686CPX		06283301840	MZ-Nozzle double pencil, 5.5 mm/inner 2.0 mm CP (10 pk)*	10
	MZ373-1688X		06283302110	MZ-Nozzle double pencil, 7.0 mm/inner 1.8 mm CP (10 pk)*	10
7	MZ373-1572		Q6143300020	MZ-Nozzle double pencil SUS, 3.5 mm CP	1
	MZ373-1573		Q6143300030	MZ-Nozzle double pencil SUS, 4.0 mm CP	1
	MZ373-1574		Q6143300040	MZ-Nozzle double pencil SUS, 4.5 mm CP	1
8	MZ373-1820CPX		06283301820	MZ-Nozzle double pencil, 1.5 mm HP CP (10 pk)*	10
9	MZ373-1790CPX		06283301790	MZ-Nozzle pencil, 1.0 mm HP CP (10 pk)*	10
	MZ373-1800CPX		06283301800	MZ-Nozzle pencil, 1.2 mm HP CP (10 pk)*	10
	MZ373-1810CPX		06283301810	MZ-Nozzle pencil, 1.5 mm HP CP (10 pk)*	10
10	MZ373-0465		36143310523	MZ-Nozzle holder	1
11	MZ373-0030		Q6283300030	MZ-Nozzle double smooth, 6.0 mm	1
	MZ373-0020		Q6283300020	MZ-Nozzle double smooth, 7.5 mm	1
	MZ373-0010		Q6283300010	MZ-Nozzle double smooth, 9.5 mm	1

\*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).

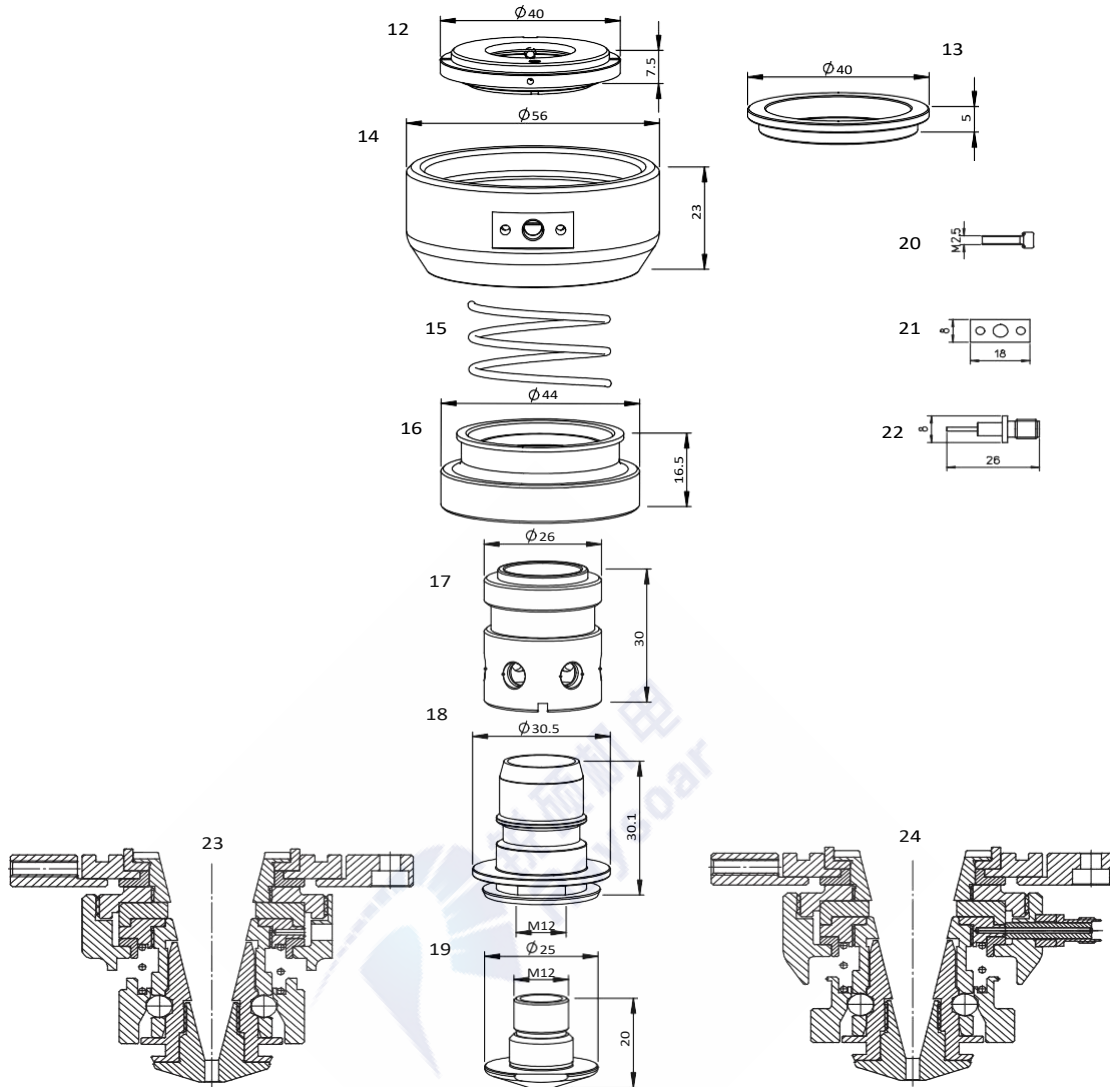


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**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ413-0332		3614330332	MZ-Ring, aluminum	1
2	MZ413-0630		6283300630	MZ-Ring, aluminum	1
3	MZ413-0620		6283300620	MZ-Ring, brass	1
	MZ413-0320		46143300320	MZ-Ring, brass	1
4	MZ413-0280		46143300280, 46143300281	MZ-Retainer nut	1
5	MZ408-0270		46143300270	MZ-Ring, ceramic	1
	MZ413-0270		46143300270	MZ-Insulating, PTFE*	1
6	MZ408-0260		46143300260C	MZ-Ring, ceramic	1
	MZ413-0260		46143300260	MZ-Insulating, PTFE*	1
7	MZ413-0290		46143300290	MZ-Retainer nut	1
8	MZ408-4440		46143304440	MZ-Ring, ceramic	1
	MZ413-4440		46143304440	MZ-Insulating, PTFE*	1
9	MZ413-1180		46183301180	MZ-Screw	1
10	MZ413-0010			MZ-Screw (4 pcs)	4
11	MZ413-0200		A06CB040200, A06CB040160	MZ-Set screw (4 pcs)	4

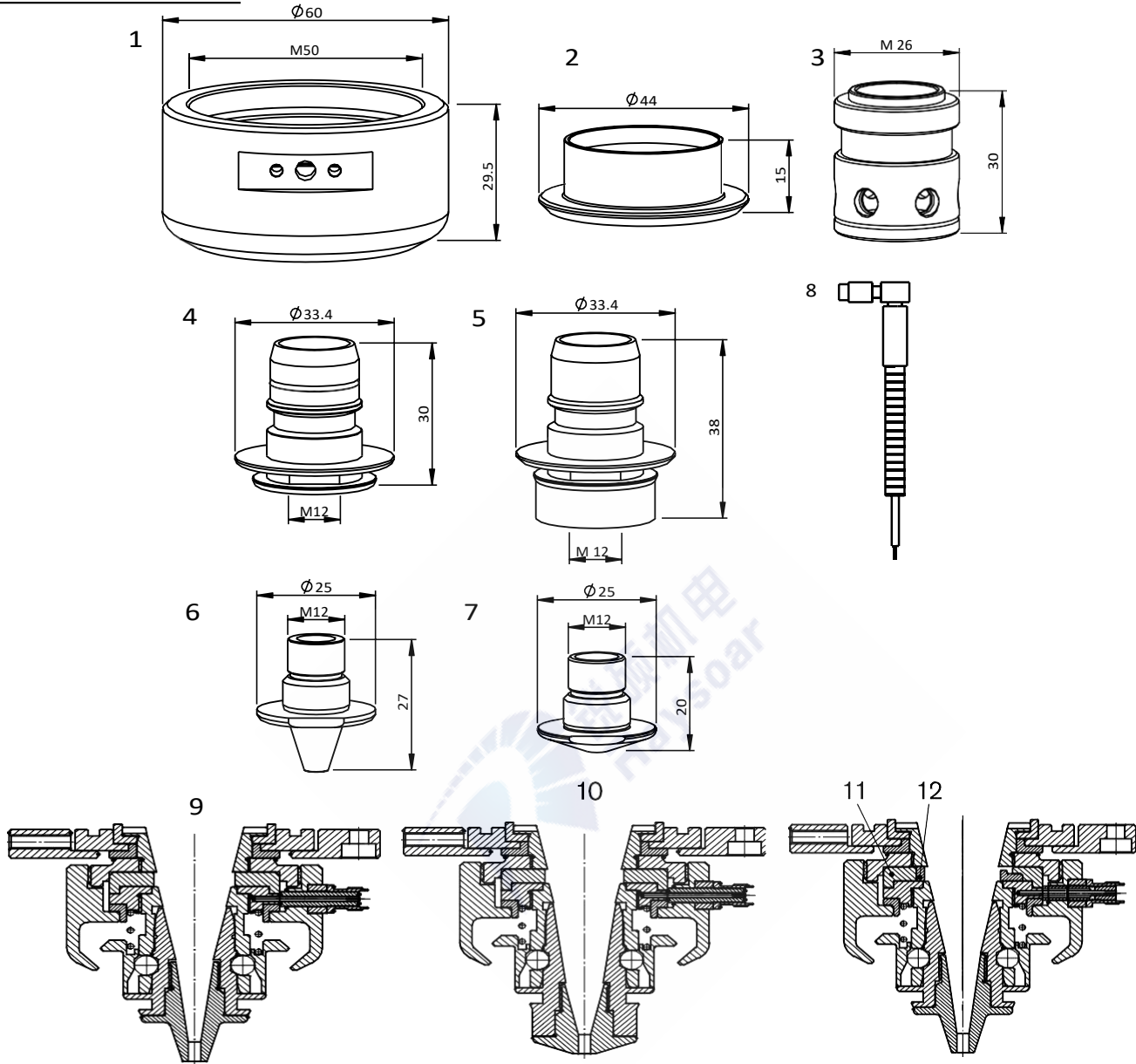
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**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
12	MZ413-7420		46143307420, 46143307421	MZ-Retainer nut	1
13	MZ408-0240		46143300240	MZ-Ring, ceramic	1
	MZ413-0240		46143300240T	MZ-Insulating, PTFE*	1
14	MZ413-7980		36143307980	MZ-Body, aluminum	1
15	MZ413-0220		46143300220	MZ-Spring	1
16	MZ413-8000		46143308000	MZ-Spring retainer, steel	1
17	MZ413-4400		36143304400, 36143304401	MZ-Coupler	1
	MZ413-0230 (not shown)		46143300230	MZ-Ball kit replacement (6 pcs)	1
18	MZ368-0001		36143304420	MZ-Nozzle holder Hyper Gear	1
19	Please refer to the Mazak® nozzle section				
20	MZ413-0030		46603300030, A05GS002560	MZ-Screw	1
21	MZ413-8170		46143308170	MZ-Spacer	1
22	MZ413-8190		46143308190	MZ-Connector	1
23	MZ413-0001			MZ-Complete head (ceramic insulating)	1
24	MZ413-0002			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.

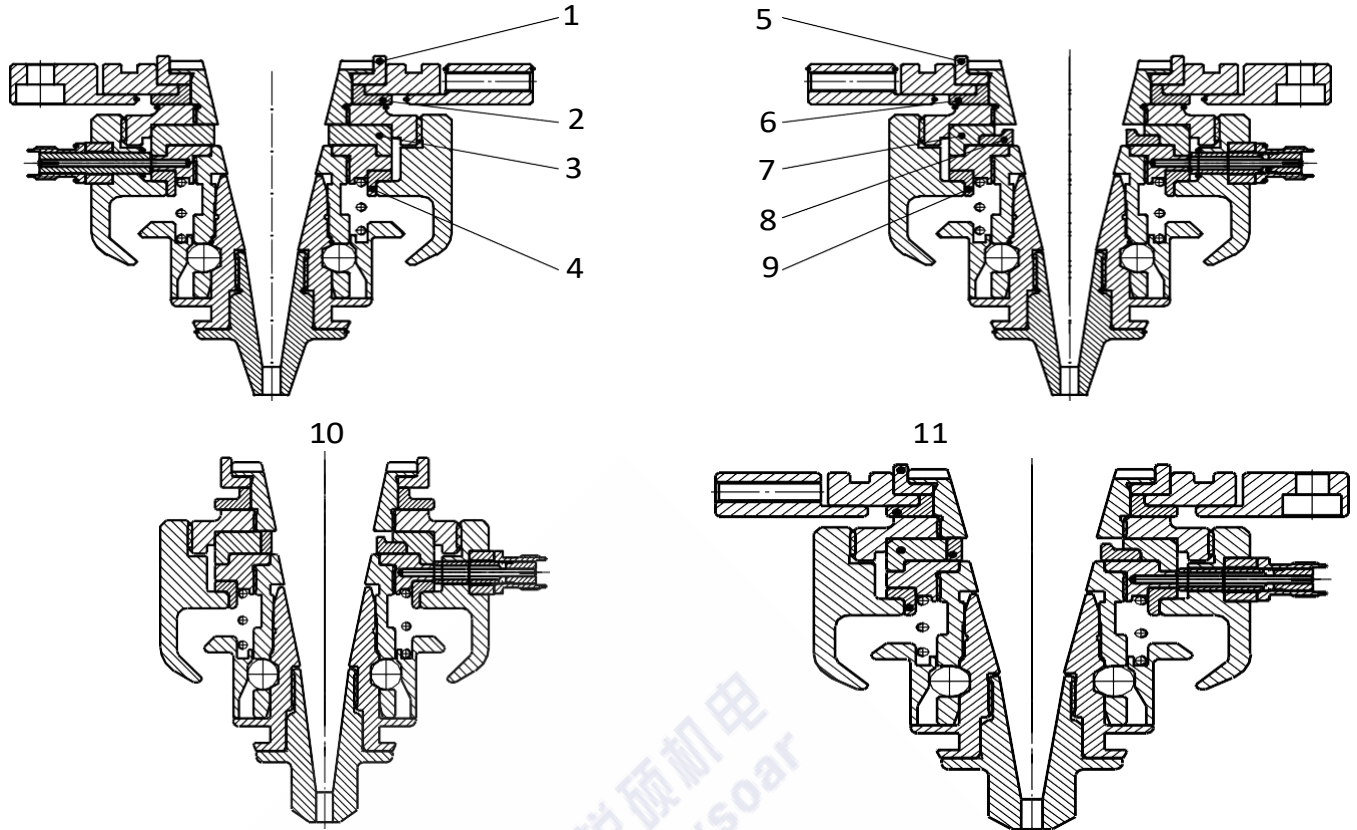
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**HyperGear – PFP torch**

**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ368-0550		36143310550	MZ-Body, aluminum	1
2	MZ368-0541		36143310541, 36143310542	MZ-Retainer, steel	1
3	MZ368-0530		36143310530, 36143310531	MZ-Coupler	1
4	MZ368-0522		36143310522E, 36143310522, 36143310523	MZ-Nozzle holder	1
5	MZ368-0740		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		46143308290	MZ-Sensor cable, 75 mm (3")	1
9	MZ368-0060			MZ-Head w/ceramic spacer	1
10	MZ368-0070			MZ-Head w/ceramic spacer	1
11/12	MZ368-2180		46143312180	MZ-Ring, 23x4 ceramic	1
	MZ368-2170		46143312170	MZ-Ring 40x6, PPS	1

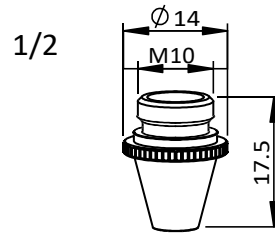
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**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ408-0270		46143300270	MZ-Ring, ceramic	1
	MZ413-0270		46143300270	MZ-Insulating, PTFE*	1
2	MZ408-0260		46143300260C	MZ-Ring, ceramic	1
	MZ413-0260		46143300260	MZ-Insulating, PTFE*	1
3	MZ408-4440		46143304440	MZ-Ring, ceramic	1
	MZ413-4440		46143304440	MZ-Insulating, PTFE*	1
4	MZ408-0240		46143300240	MZ-Ring, ceramic	1
	MZ413-0240		46143300240T	MZ-Insulating, PTFE*	1
5	MZ368-2100		46143312100, 46143312101	MZ-Insulating ring, 38x5.5 PPS	1
6	MZ368-2130		46143312130	MZ-Insulating ring, 40x4 PPS	1
7	MZ368-2080		46143312080	MZ-Spacer 40x6, PPS	1
8	MZ368-2090		46143312090	MZ-Ring, 30x3 ceramic	1
9	MZ368-2120		46143312120	MZ-Insulating ring, 40x5 PPS	1
10	MZ368-0085		TMA85	MZ-Head w/PPS spacer	1
11	MZ368-0080		TMA80	MZ-Head w/PPS spacer	1

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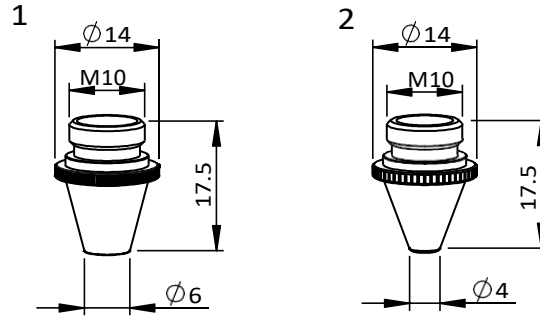


## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ322-0008X		46603350508	MZ-Nozzle, 0.8 mm (10 pk)	10
	MZ322-0511-1.0		46603350511	MZ-Nozzle, 1.0 mm	1
	MZ322-0511X		46603350511	MZ-Nozzle, 1.0 mm (10 pk)	10
	MZ322-0512-1.2		46603350512	MZ-Nozzle, 1.2 mm	1
	MZ322-0512X		46603350512	MZ-Nozzle, 1.2 mm (10 pk)	10
	MZ322-0520-1.5		4660335052B	MZ-Nozzle, 1.5 mm	1
	PT322-0520X		4660335052B	PT-Nozzle, 1.5 mm (10 pk)	10
	MZ322-1517X		46603350517	MZ-Nozzle, 1.7 mm (10 pk)	10
	MZ322-0517X		46603350517-1,8	MZ-Nozzle, 1.8 mm (10 pk)*	10
	MZ322-0522-2.0		4660335052C	MZ-Nozzle, 2.0 mm	1
	MZ322-0522X		4660335052C	MZ-Nozzle, 2.0 mm (10 pk)	10
	MZ322-0022X		46603350522-2,2	MZ-Nozzle, 2.2 mm (10 pk)*	10
	MZ322-0525-2.5		46603350525	MZ-Nozzle, 2.5 mm	1
	MZ322-0025X		46603350525	MZ-Nozzle, 2.5 mm (10 pk)	10
	MZ322-0530-3.0		46603350530	MZ-Nozzle, 3.0 mm	1
	MZ322-0030X		46603350530	MZ-Nozzle, 3.0 mm (10 pk)	10
	MZ322-0530-3.5		46603350530-3,5	MZ-Nozzle, 3.5 mm	1
	MZ322-1035X		46603350530-3,5	MZ-Nozzle, 3.5 mm (10 pk)	10
	MZ322-0530-4.0		46603350530-4,0	MZ-Nozzle, 4.0 mm	1
	MZ322-1040X		46603350530-4,0	MZ-Nozzle, 4.0 mm (10 pk)	10
2	MZ322-0512CPX		46603350512	MZ-Nozzle, 1.2 mm CP (10 pk)*	10
	PT322-0520CPX		4660335052B	PT-Nozzle, 1.5 mm CP (10 pk)*	10
	MZ322-0517CP		46603350517-1,8	MZ-Nozzle, 1.8 mm CP	1
	MZ322-0522CPX		4660335052C	MZ-Nozzle, 1.8 mm CP (10 pk)*	10
	MZ322-0025CPX		46603350525	MZ-Nozzle, 2.5 mm CP (10 pk)*	10
	MZ322-0030CPX		46603350530	MZ-Nozzle, 3.0 mm CP (10 pk)*	10

\*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).



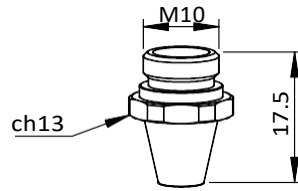


## Consumables 易损件

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ346-0002X			MZ-Nozzle double, 1.2 mm (10 pk)*	10
	MZ346-0003X		46683302400	MZ-Nozzle double, 1.5 mm (10 pk)*	10
	MZ346-0005X			MZ-Nozzle double, 1.8 mm (10 pk)	10
	MZ346-0006X		46683302390	MZ-Nozzle double, 2.0 mm (10 pk)*	10
	MZ346-0008X		46683302400	MZ-Nozzle double, 2.5 mm (10 pk)*	10
	MZ346-0009X		46683302410	MZ-Nozzle double, 3.0 mm (10 pk)*	10
	MZ346-0002CPX			MZ-Nozzle double, 1.2 mm CP (10 pk)*	10
	MZ346-0003CPX		46683302380	MZ-Nozzle double, 1.5 mm CP (10 pk)*	10
	MZ346-0004CPX			MZ-Nozzle double, 1.7 mm CP (10 pk)	10
	MZ346-0006CPX		46683302390	MZ-Nozzle double, 2.0 mm CP (10 pk)*	10
	MZ346-0007CPX			MZ-Nozzle double, 2.2 mm CP (10 pk)	10
	MZ346-0008CPX		46683302400	MZ-Nozzle double, 2.5 mm CP (10 pk)*	10
	MZ346-0009CPX		46683302410	MZ-Nozzle double, 3.0 mm CP (10 pk)*	10
	2	MZ321-0521-1.0		46603350521	MZ-Nozzle, 1.0 mm
MZ321-0010X			46603350521	MZ-Nozzle, 1.0 mm (10 pk)	10
MZ321-0521-1.2			46603350521	MZ-Nozzle, 1.2 mm	1
MZ321-0012X			46603350521	MZ-Nozzle, 1.2 mm (10 pk)	10
MZ321-0520-1.5			46603350520	MZ-Nozzle, 1.5 mm	1
MZ321-0520X			46603350520	MZ-Nozzle, 1.5 mm (10 pk)	10
M321-0521-1.7			46603350521	MZ-Nozzle, 1.7 mm	1
MZ321-0017X			46603350521	MZ-Nozzle, 1.7 mm (10 pk)	10
MZ321-0522-2.0			46603350522, 46683301721	MZ-Nozzle, 2.0 mm	1
MZ321-0054X			46603350522	MZ-Nozzle, 2.0 mm (10 pk)	10
MZ321-0522-2.5			46603350522	MZ-Nozzle, 2.5 mm	1
MZ321-1025X			46603350522	MZ-Nozzle, 2.5 mm (10 pk)	10
MZ321-0522-3.0			46683301281	MZ-Nozzle, 3.0 mm	1
MZ321-1030X			46683301281	MZ-Nozzle, 3.0 mm (10 pk)	10
MZ321-0010CPX			46603350521	MZ-Nozzle, 1.0 mm CP (10 pk)	10
MZ321-0012CPX			46603350521	MZ-Nozzle, 1.2 mm CP (10 pk)	10
MZ321-520-1.5CP			46603350520	MZ-Nozzle, 1.5 mm CP	1
MZ321-0520CPX			46603350520	MZ-Nozzle, 1.5 mm CP (10 pk)	10
MZ321-522-2.0CP			46603350522	MZ-Nozzle, 2.0 mm CP	1
MZ321-0054CPX			46603350522	MZ-Nozzle, 2.0 mm CP (10 pk)	10
MZ321-522-2.5CP			46603350522	MZ-Nozzle, 2.5 mm CP	1
MZ321-1025CPX			46603350522	MZ-Nozzle, 2.5 mm CP (10 pk)	10
MZ321-1030CPX			46683301281	MZ-Nozzle, 3.0 mm CP (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).

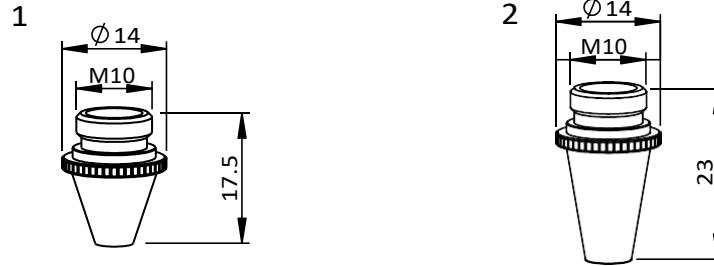
1-3



## Consumables

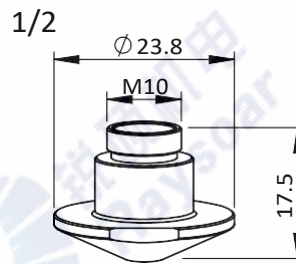
	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ385-0511X		46603350511	MZ-Nozzle hexagonal, 1.0 mm (10 pk)*	10
	MZ385-5052X		4660335052A	MZ-Nozzle hexagonal, 1.2 mm (10 pk)*	10
	MZ385-5052BX		4660335052B	MZ-Nozzle hexagonal, 1.5 mm (10 pk)*	10
	MZ385-0517X		46603350517	MZ-Nozzle hexagonal, 1.7 mm (10 pk)*	10
	MZ385-517X		46603350517-1,8	MZ-Nozzle hexagonal, 1.8 mm (10 pk)	10
	MZ385-5052CX		4660335052C	MZ-Nozzle hexagonal, 2.0 mm (10 pk)*	10
	MZ385-0522X		46603350522-2,2	MZ-Nozzle hexagonal, 2.2 mm (10 pk)	10
	MZ385-0003X		4660335052D	MZ-Nozzle hexagonal, 2.5 mm (10 pk)*	10
	MZ385-1003X		46603350530	MZ-Nozzle hexagonal, 3.0 mm (10 pk)	10
	MZ385-0530X		46603350530-4,0	MZ-Nozzle hexagonal, 4.0 mm (10 pk)	10
2	MZ385-0511CPX		46603350511	MZ-Nozzle hexagonal, 1.0 mm CP (10 pk)*	10
	MZ385-5052CPX		4660335052A	MZ-Nozzle hexagonal, 1.2 mm CP (10 pk)	10
	MZ385-052CPX		4660335052B	MZ-Nozzle hexagonal, 1.5 mm CP (10 pk)*	10
	MZ385-0052CPX		4660335052C	MZ-Nozzle hexagonal, 2.0 mm CP (10 pk)*	10
	MZ385-0003CPX		4660335052D	MZ-Nozzle hexagonal, 2.5 mm CP (10 pk)	10
	MZ385-1003CPX		46603350530	MZ-Nozzle hexagonal, 3.0 mm CP (10 pk)	10
	MZ385-0530CPX		46603350530-4,0	MZ-Nozzle hexagonal, 4.0 mm CP (10 pk)	10
3	MZ419-0001X			MZ-Nozzle double hexagonal, 1.2 mm (10 pk)	10
	MZ419-0002X			MZ-Nozzle double hexagonal, 1.5 mm (10 pk)*	10
	MZ419-0003X			MZ-Nozzle double hexagonal, 1.8 mm (10 pk)	10
	MZ419-0004X			MZ-Nozzle double hexagonal, 2.0 mm (10 pk)	10
	MZ419-0005X			MZ-Nozzle double hexagonal, 2.2 mm (10 pk)	10
	MZ419-0006X			MZ-Nozzle double hexagonal, 2.5 mm (10 pk)	10
	MZ419-0001CPX			MZ-Nozzle double hexagonal, 1.2 mm CP (10 pk)	10
	MZ419-0002CPX			MZ-Nozzle double hexagonal, 1.5 mm CP (10 pk)	10
	MZ419-0004CPX			MZ-Nozzle double hexagonal, 2.0 mm CP (10 pk)	10
	MZ419-0006CPX			MZ-Nozzle double hexagonal, 2.5 mm CP (10 pk)	10
	MZ419-0007CPX			MZ-Nozzle double hexagonal, 3.0 mm CP (10 pk)	10

\*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).



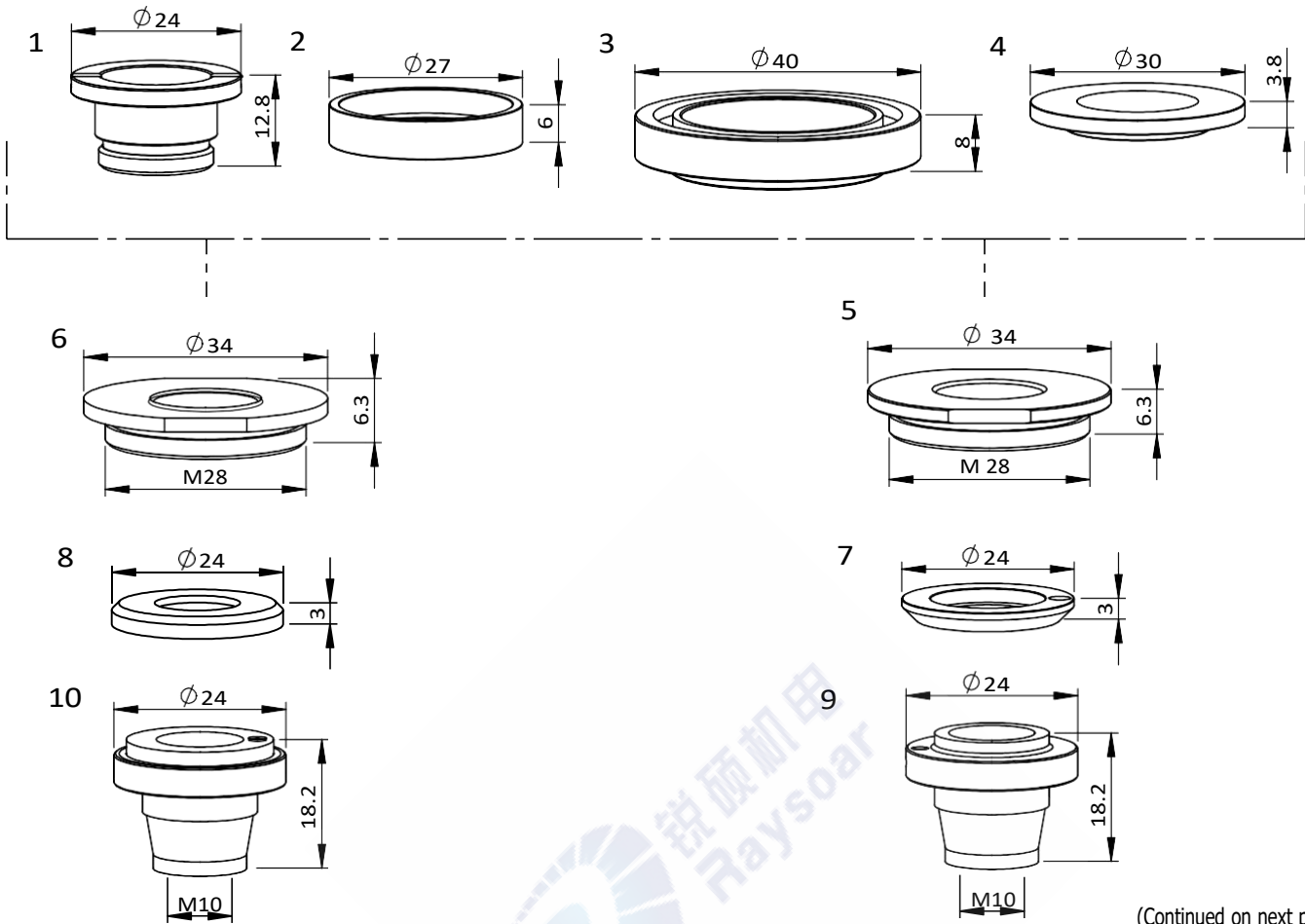
## Consumables 易损件

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ322-0523		46603350523	MZ-Nozzle shower, 1.0 mm	1
	MZ322-0523-1.5			MZ-Nozzle shower, 1.5 mm	1
	MZ322-0523-2.0			MZ-Nozzle shower, 2.0 mm	1
2	MZ322-0001			MZ-Nozzle long, 2.0 mm	1



## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty	
1	MZ335-0004			MZ-Nozzle, 1.0 mm	1	
	MZ335-0011			MZ-Nozzle, 1.2 mm	1	
	MZ335-1950		46683301950	MZ-Nozzle, 1.5 mm	1	
	MZ335-1821		46683301821	MZ-Nozzle, 2.0 mm	1	
	MZ335-1960		46683301960	MZ-Nozzle, 2.5 mm	1	
	MZ335-1970		46683301970	MZ-Nozzle, 3.0 mm	1	
	MZ335-0006			MZ-Nozzle, 3.5 mm	1	
	MZ335-0013			MZ-Nozzle, 4.0 mm	1	
	MZ335-1950CP		46683301950	MZ-Nozzle, 1.5 mm CP	1	
	MZ335-1821CP		46683301821	MZ-Nozzle, 2.0 mm CP	1	
	MZ335-1960CP		46683301960	MZ-Nozzle, 2.5 mm CP	1	
	MZ335-1970CP		46683301970	MZ-Nozzle, 3.0 mm CP	1	
	2	MZ360-0002			MZ-Nozzle double, 1.2 mm	1
		MZ360-0003		46683302420	MZ-Nozzle double, 1.5 mm	1
MZ360-0005			46683302430	MZ-Nozzle double, 2.0 mm	1	
MZ360-0007				MZ-Nozzle double, 2.5 mm	1	
MZ360-0008			46683302450	MZ-Nozzle double, 3.0 mm	1	
MZ360-0003CP			46683302420	MZ-Nozzle double, 1.5 mm CP	1	
MZ360-0005CP			46683302430	MZ-Nozzle double, 2.0 mm CP	1	
MZ360-0008CP				MZ-Nozzle double, 3.0 mm CP	1	

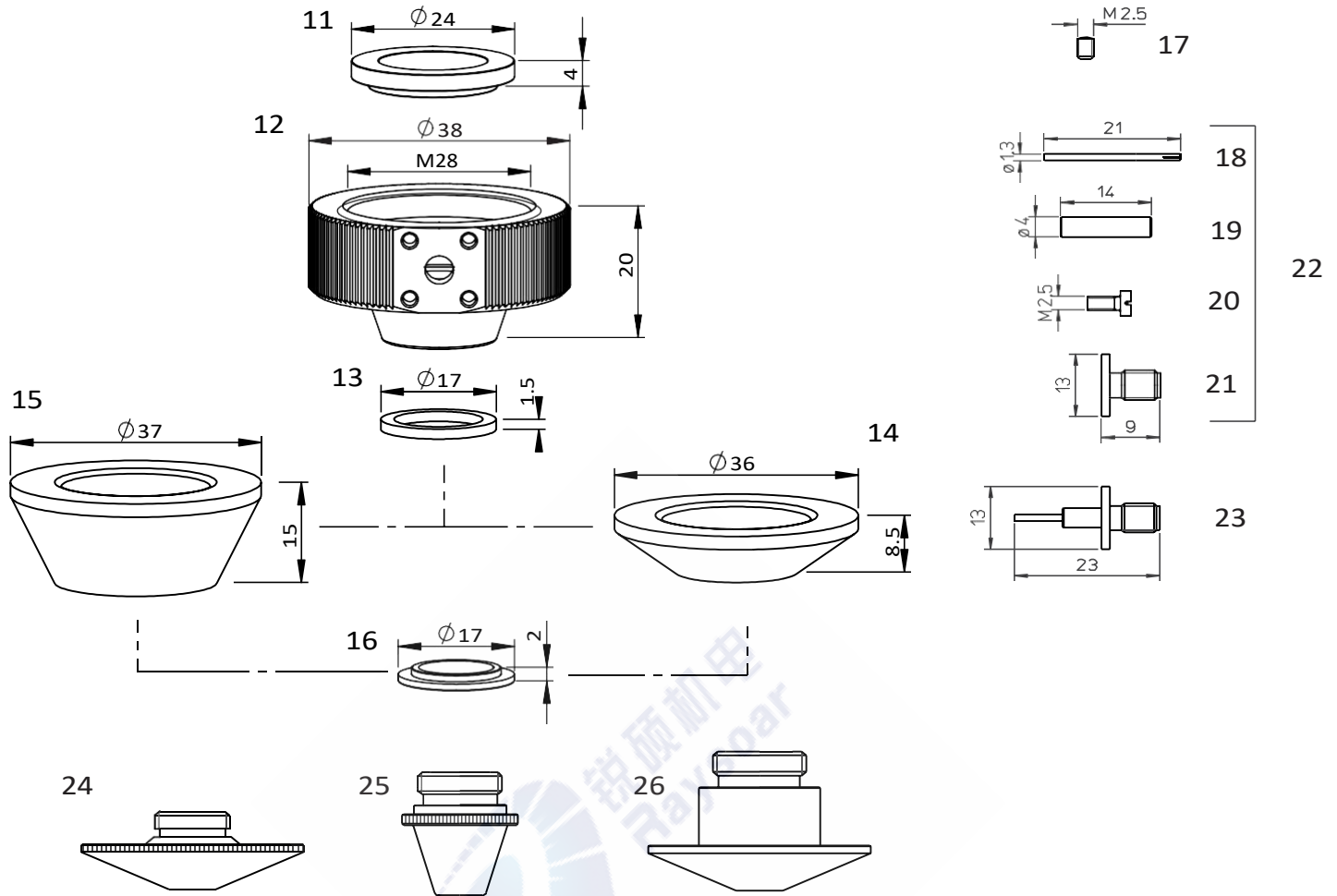


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## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ335-1110		46683301110, 46773300500	MZ-Bracket, copper	1
2	MZ335-1080		46683301090, 46683302081	MZ-Spacer 27x5.5, PTFE*	1
	MZ335-1080P		46683301090, 46683302081	MZ-Ring, plastic	1
	MZ335-1080C		46683301090, 46683302081	MZ-Ring, ceramic	1
	MZ335-1080M		46683301080, 46683302081	MZ-Spacer 27x5.5, ceramic	1
	MZ309-3200 (not shown)			MZ-O-ring external base	1
3	MZ335-1070		46683301070	MZ-Base, brass	1
4	MZ335-1090		46683301090, 46683302091	MZ-Spacer 30x4, PTFE*	1
	MZ335-0090C		46683301090, 46683302091	MZ-Spacer 30x4, special	1
	MZ335-1090C		46683301090, 46683302091	MZ-Ring, ceramic	1
	MZ335-1090M		46683301090, 46683302091	MZ-Spacer 30x4, ceramic	1
5	MZ335-1101		46773300510	MZ-Nut, copper	1
6	MZ335-1100		46683301100	MZ-Bracket, copper	1
7	MZ335-1120		46683301120	MZ-Spacer 24x3, PTFE*	1
	MZ335-1120LL		46683301120	MZ-Ring long life	1
	MZ335-1120C		46683301120	MZ-Ring, ceramic	1
8	MZ335-0710		46677330710	MZ-Ring, ceramic	1
	MZ335-0710M		46773300710	MZ-Spacer 24x3, ceramic	1
9	MZ335-0850		46683300850	MZ-Nozzle body, copper	1
10	MZ335-0720		46773300720, 46773300721, 46683300720	MZ-Nozzle body, copper	1

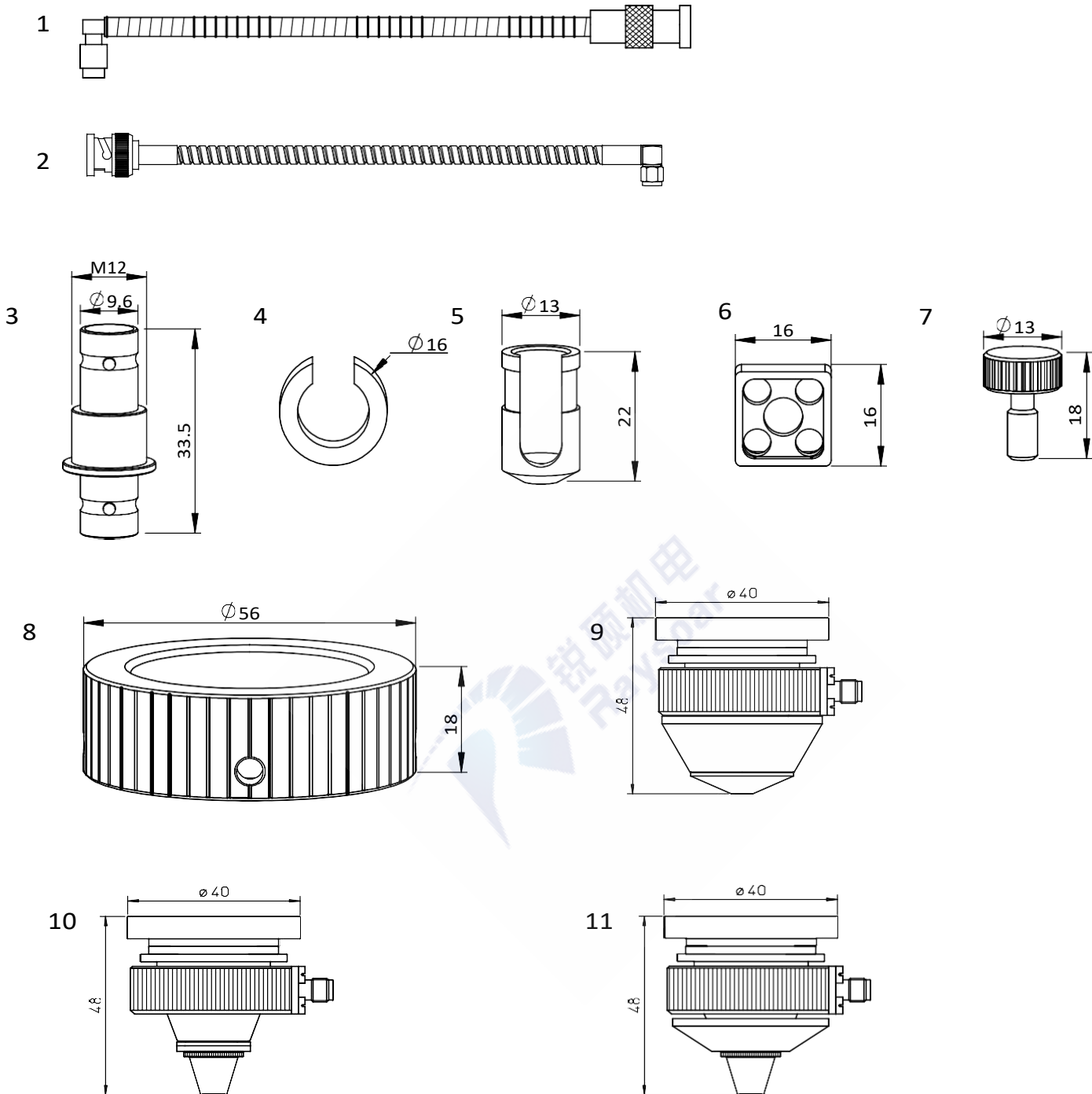
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**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
11	MZ335-1130		46683301130, 46683302111	MZ-Spacer 24x4, PTFE*	1
	MZ335-1130LL		46683301130	MZ-Ring long life	1
	MZ335-1130C		46683301130	MZ-Spacer, ceramic	1
	MZ335-1130M		46683301130	MZ-Spacer 24x4, ceramic	1
12	MZ335-1140		46683301140, 36773300530	MZ-Housing, aluminum	1
13	MZ335-1150		46683301150	MZ-Spacer 17x1.5, PTFE*	1
14	MZ335-1930		46683301930	MZ-Nozzle body cover	1
	MZ335-1930LL		46683301930P	MZ-Nozzle body cover, long life	1
	MZ335-0009		46683301930C	MZ-Protective cover, ceramic	1
15	MZ335-1841		46683301841	MZ-Nozzle cover	1
16	MZ335-1160		46683301160	MZ-Ring, 17x2, copper	1
17	MZ335-1180		46683301180	MZ-Bolt	1
18	MZ335-1170		46683301170	MZ-Contact	1
19	MZ335-0030		46683300030	MZ-Connecting pipe, PTFE *	1
20	MZ335-0000		46683300000	MZ-Screws for connector kit MZ335-0001 (4 pcs)	4
21	MZ335-1113		46683301170	MZ-Connector	1
22	MZ335-0001		46683301171, 46683301170, not assembled	MZ-Connector kit	1
23	MZ335-0001A		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				

\*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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**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ335-1980		46683301980, 46683301982	MZ-Sensor head connecting cable, short 280 mm (11")	1
	MZ335-1330		46683301330	MZ-Sensor head connecting cable, long 310 mm (12")	1
2	MZ335-1330A		46683301330	MZ-Sensor cable, 305 mm (12") armored	1
	MZ335-1980A		46683301980, 46683301982	MZ-Sensor cable, 280 mm (11") armored	1
3	MZ335-0005			MZ-Connecting cable adapter	1
4	MZ335-1870		46683301870, 46683301920	MZ-Cover clips	1

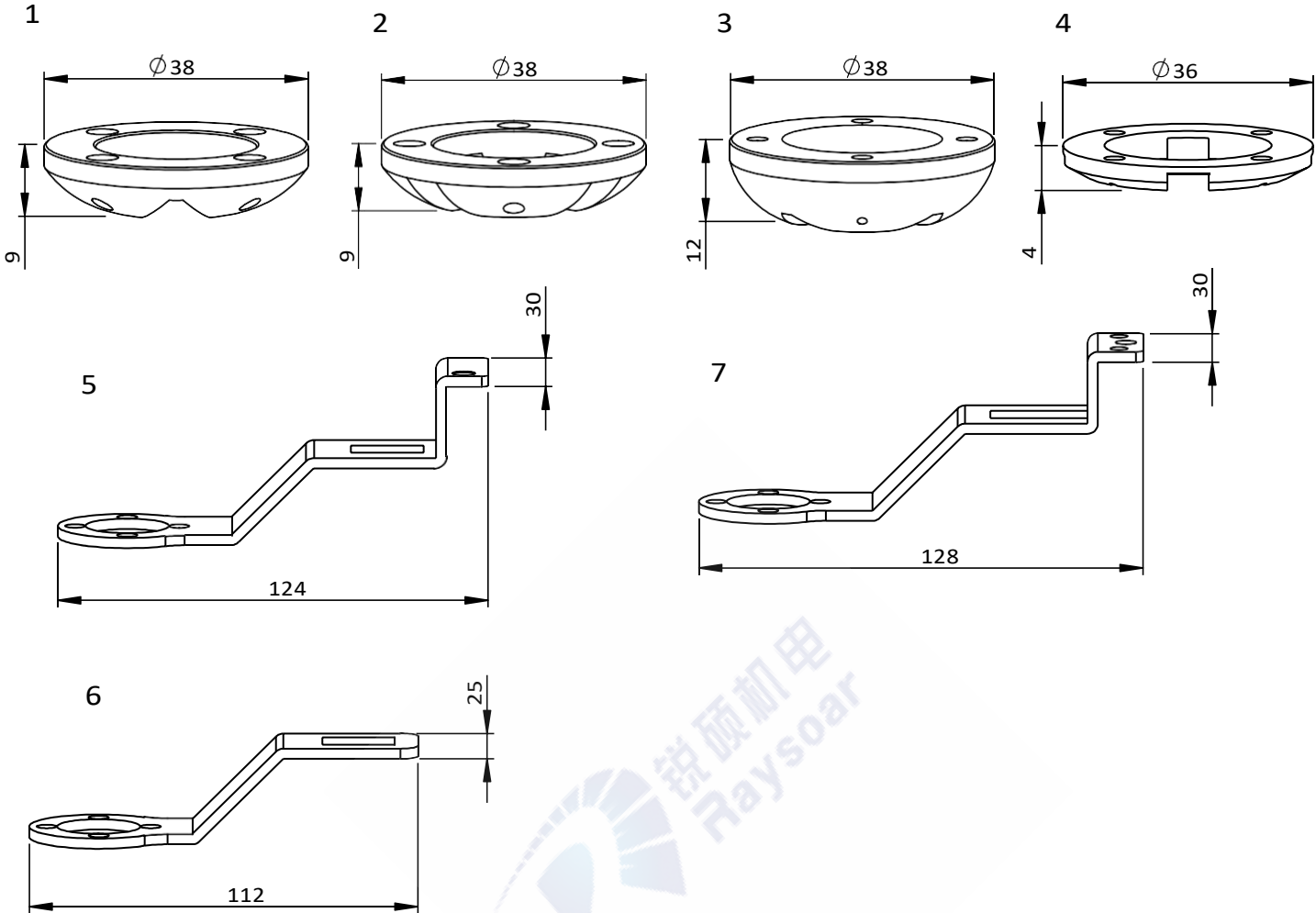


## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
5	MZ335-1860		46683301860, 46683301910	MZ-Cable connector cover	1
	MZ335-1860LL		46683301860	MZ-Connector cover, long life	1
6	MZ335-1850		46683301851	MZ-Connector cover	1
	MZ335-1850P		46683301850, 46683301851	MZ-Cover, plastic	1
7	MZ335-0320		46683300032, 46603300032	MZ-Bolt M5 x 0.5	1
8	MZ335-0930		46683300930	MZ-Ring	1
9	MZ335-0002			MZ-Head w/PTFE* spacer	1
	MZ335-1013			MZ-Head w/ceramic spacer	1
	MZ335-0012			MZ-Head w/long life spacer	1
10	MZ335-1014			MZ-Head w/PTFE* spacer	1
	MZ335-0015			MZ-Head w/long life spacer	1
	MZ335-0016			MZ-Head w/ceramic spacer	1
11	MZ335-0017			MZ-Head w/PTFE spacer	1
	MZ335-0018			MZ-Head w/long life spacer	1
	MZ335-0019			MZ-Head w/ceramic spacer	1

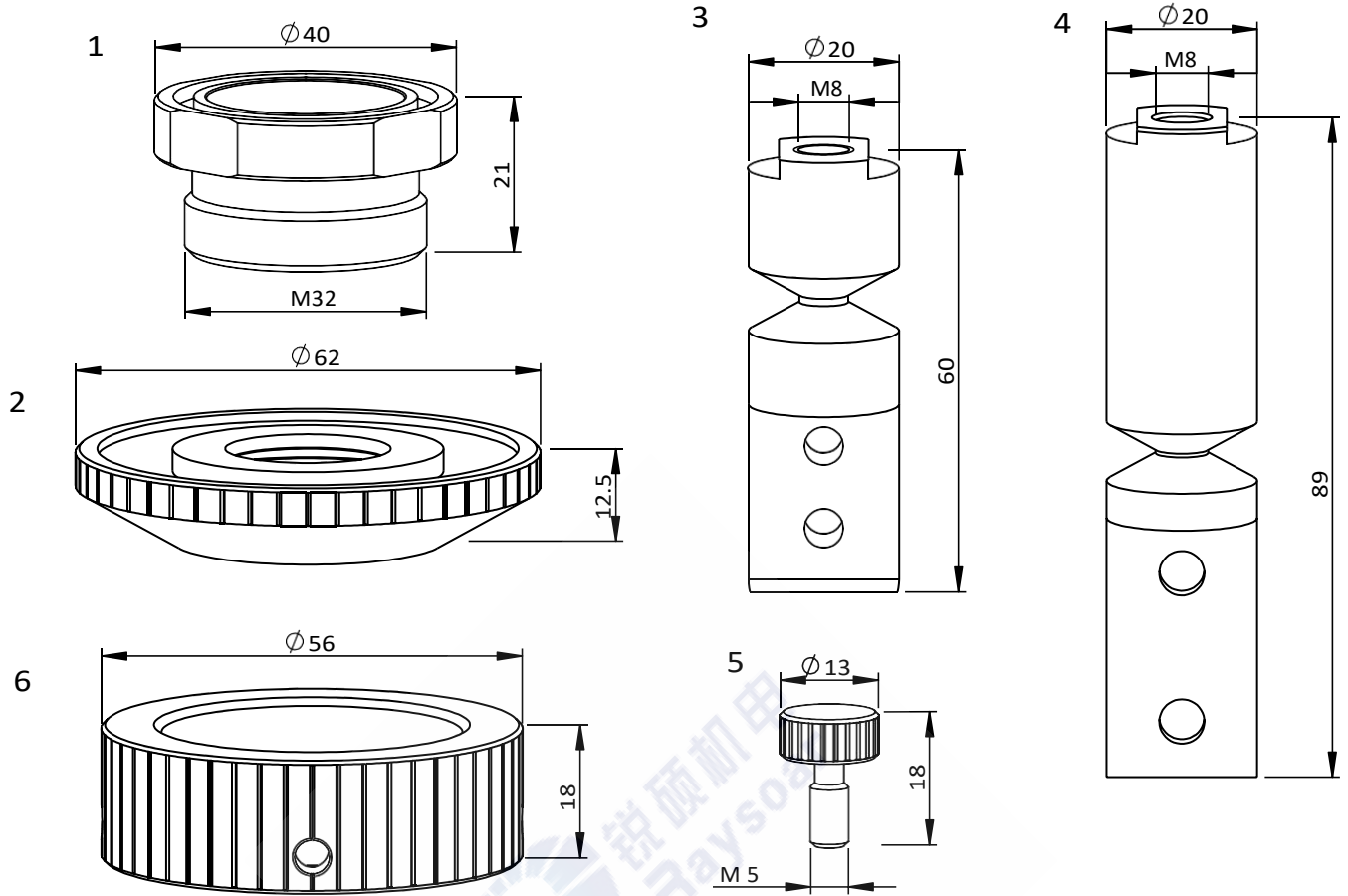
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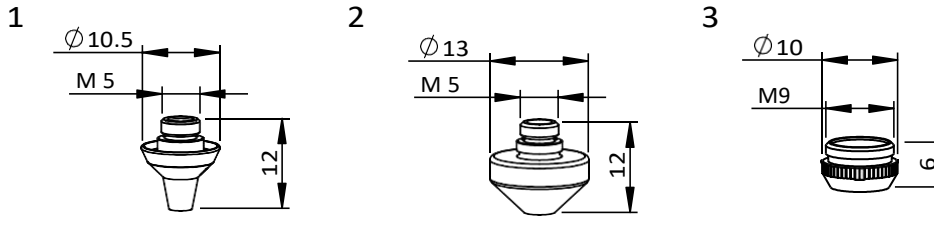

**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ309-5080		46602350080	MZ-Stylus foot H9, brass	1
	MZ309-1043		46572301043	MZ-Stylus foot H9, steel	1
	MZ309-1045		46572301045	MZ-Stylus foot H9, PTFE*	1
2	MZ309-0001			MZ-Stylus foot H9, brass	1
3	MZ309-1041		46572301041, 46602350070	MZ-Stylus foot H12, brass	1
	MZ309-1042		46572301042, 46572301041S	MZ-Stylus foot H12, steel	1
	MZ309-1041T		46572301041T	MZ-Stylus foot H12, PTFE*	1
4	MZ309-0520		46512300520	MZ-Stylus foot H4, brass	1
5	MZ309-0580		36602300580	MZ-Stylus arm w/screw M6	1
6	MZ309-0560		36602300560, 36682300050	MZ-Stylus arm	1
7	MZ309-0281		36682300281	MZ-Stylus arm w/screw M6 and M5	1
	MZ309-001 (not shown)		68057488	MZ-Screws for stylus feet (10 pcs)	10

\*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.


**Consumables**

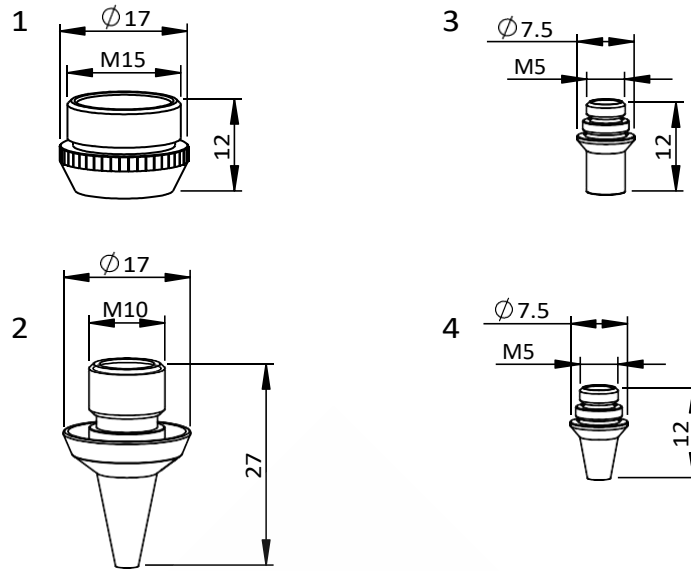
	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ309-0080		46523300080	MZ-Base	1
	MZ309-3200 (not shown)			MZ-O-ring external base	1
	MZ309-2200 (not shown)			MZ-O-ring internal base	1
2	MZ309-0030		46683300030	MZ-Retainer	1
3	MZ309-0280		36682300280, 36673300280	MZ-Breakaway bar L60-M8	1
4	MZ309-0550		36602300230	MZ-Breakaway bar L89-M8	1
5	MZ335-0320		46683300032, 46603300032	MZ-Bolt M5 x 0.5	1
6	MZ335-0930		46683300930	MZ-Ring	1



Consumables 易损件

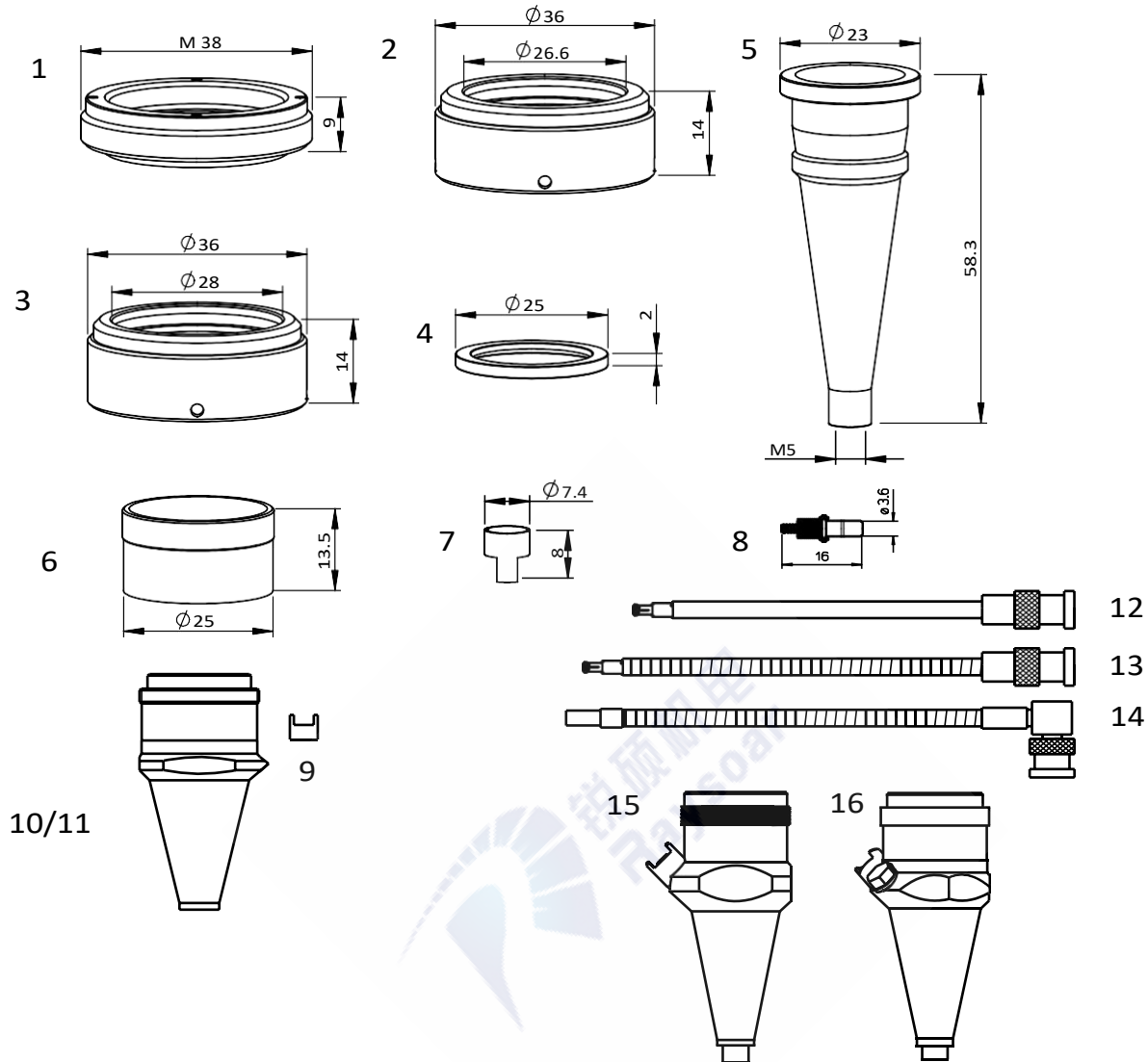
	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	PT347-0005X		46713300290-10	PT-Nozzle 3D, 1.0 mm (10 pk)*	10
	PT347-0290-1.2		46713300290-12	PT-Nozzle 3D, 1.2 mm	1
	PT347-0090X		46713300290-12	PT-Nozzle 3D, 1.2 mm (10 pk)	10
	PT347-0290X		46713300290-15, P0352-381-00015	PT-Nozzle 3D, 1.5 mm (10 pk)*	10
	PT347-0118X		P0352-377-00018	PT-Nozzle 3D, 1.8 mm (10 pk)	10
	PT347-0280X		46713300310, P0352-382-00020	PT-Nozzle 3D, 2.0 mm (10 pk)*	10
	PT347-0001X		46713300280-25	PT-Nozzle 3D, 2.5 mm (10 pk)*	10
	PT347-0002X		46713300280-30, 46713300430	PT-Nozzle 3D, 3.0 mm (10 pk)*	10
	PT347-0035X		46713300280-35	PT-Nozzle 3D, 3.5 mm (10 pk)*	10
	2	PT347-0004X		P0352-386-00010	PT-Nozzle 2D, 1.0 mm (10 pk)
PT347-0012X			46713300310	PT-Nozzle 2D, 1.2 mm (10 pk)	10
PT347-0310X			P0352-386-00015	PT-Nozzle 2D, 1.5 mm (10 pk)*	10
PT347-0300X			46713300300, P0352-387-00020	PT-Nozzle 2D, 2.0 mm (10 pk)*	10
PT347-0003X			46713300300-25	PT-Nozzle 2D, 2.5 mm (10 pk)*	10
PT347-0006X			46713300300-30	PT-Nozzle 2D, 3.0 mm (10 pk)*	10
3	PT347-0320		46713300321, P0352-311-00001	PT-Union Nut, Vespel	1

\*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).


**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ332-1280		46713331280	MZ-Nut, Vespel	1
2	MZ332-1305X			MZ-Nozzle 3D, 1.0 mm (10 pk)*	10
	MZ332-1320X		46713331320	MZ-Nozzle 3D, 1.2 mm (10 pk)*	10
	MZ332-1310X		46713331310	MZ-Nozzle 3D, 1.5 mm (10 pk)*	10
	MZ332-1301X			MZ-Nozzle 3D, 1.8 mm (10 pk)*	10
	MZ332-1300X		46713331300	MZ-Nozzle 3D, 2.0 mm (10 pk)*	10
	MZ332-1330X		46713331330	MZ-Nozzle 3D, 2.5 mm (10 pk)*	10
	MZ332-1290X		46713331290	MZ-Nozzle 3D, 3.0 mm (10 pk)*	10
3	PT347-1013X		281013, P0352-325-00015	PT-Nozzle ZK, 1.5 mm (10 pk)	10
	PT347-0899X		280899, P0352-326-00018	PT-Nozzle ZK, 1.8 mm (10 pk)	10
	PT347-0044X		350044.3, P0352-327-00020	PT-Nozzle ZK, 2.0 mm (10 pk)*	10
	PT347-1025X		350044.3, P0352-328-00025	PT-Nozzle ZK, 2.5 mm (10 pk)*	10
4	PT347-1006X		281006, P0352-333-00010	PT-Nozzle KK, 1.0 mm (10 pk)	10
	PT347-1031X		281031, P0352-335-00015	PT-Nozzle KK, 1.5 mm (10 pk)*	10
	PT347-0898X		280898, P0352-336-00018	PT-Nozzle KK, 1.8 mm (10 pk)	10
	PT347-1020X		P0352-336-00020	PT-Nozzle KK, 2.0 mm (10 pk)*	10

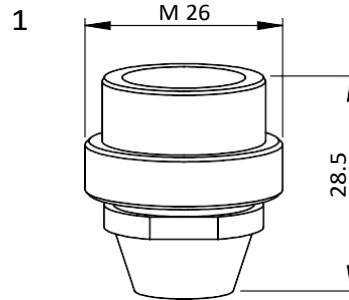
\*Parts available in single packs. To order single packs, remove the 'X' at the end of the part number (e.g. AM123-4567X would be AM123-4567).


**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	PT347-4297		P0492-702-00001, 29100021	PT-Insulating ring outer body	1
	AM326-6453 (not shown)			AM-O-ring for outer nozzle	1
2	PT347-0008		46713330200	PT-Isolating ring outer body (Precitec)	1
3	PT347-0920		46713330920	PT-Isolating ring outer body (Mazak)	1
4	PT347-350		46713330960	PT-Isolating ring, inner cone	1
5	PT347-349		46713330930	PT-Sensor cone inner	1
6	PT347-0940		46713330940	PT-Retaining ring	1
7	PT347-0009		46713300390	PT-Connector protector	1
8	PT347-1111		46713331111	PT- Connector w/spring	1
9	PT347-9006			PT-Connector cup, HNP	1
10	PT347-1240		46713331240	PT-Torch outer body	1
11	PT347-0369			Complete outer torch (PT347-1240/1111/0009)	1
12	PT347-0101		P0360-100-00500, 46713300100	PT-Sensor head connecting cable OEM	1
13	PT347-1386		281386, P0360-155-00500	PT-Electrode cable	1
14	PT347-0181		46743300181	PT-Sensor cable	1
15	PT347-3323		567123323A1	PT-Sensor cone HNP	1
16	PT347-0007		P0354-110-00001	PT-Sensor cone HNZ	1

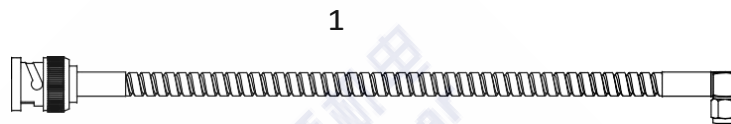
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## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ321-0510		46603350510	MZ-Nozzle adapter body	1

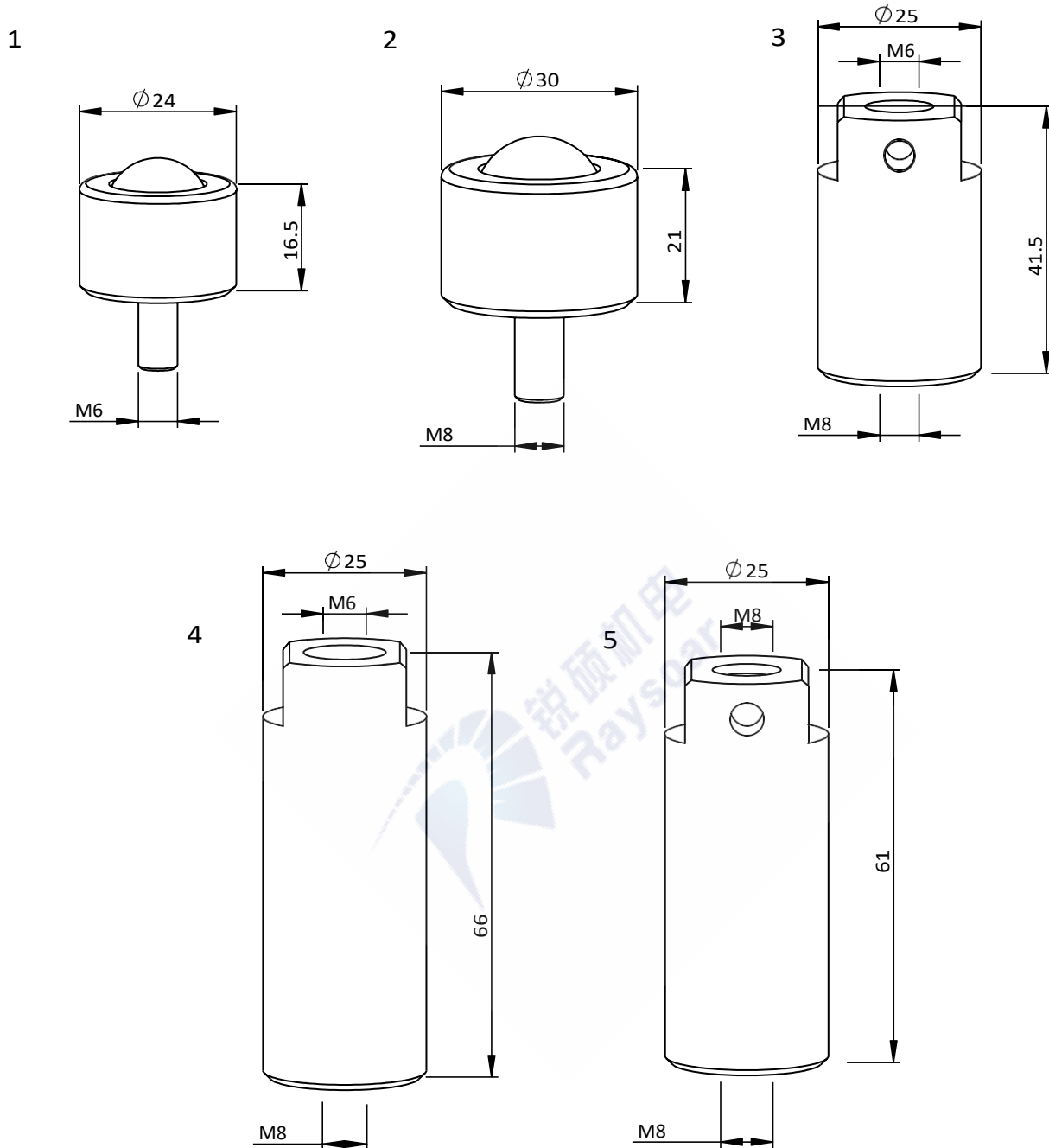


## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	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)		46743300111	MZ-Sensor cable, 280 mm (11") armored	1
	MZ335-0181A (not shown)		46743300181	MZ-Sensor cable, 317.5 mm (12.5") armored	1
	MZ335-5320 (not shown)		6143355320	MZ-Sensor cable, 70 mm (2.8") armored	1
	MZ335-630A (not shown)			MZ-Sensor cable, 630 mm (25") armored	1
	MZ335-HNPS (not shown)		HNPS	MZ-Sensor cone, HNP short version	1

## Consumables

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
	BY328-3884 (not shown)		333884	BY-Screws, plastic (2 pcs)	2
	AM313-2023 (not shown)		71232023	AM-Vacuum pump filter	1


**Consumables**

	Centricut P/N	Raysoar P/N	OEM Ref. No.	Description	Pkg qty
1	MZ309-Z580		Z21KV000580	MZ-Roller ball M6, 25 mm	1
	MZ309-Z580X		Z21KV000580	MZ-Roller ball M6, 25 mm (10 pk)	10
	MZ309-Z580B		Z21KV000580	MZ-Roller ball M6, 25 mm	1
2	MZ309-1160		Z21ZZ001160	MZ-Roller ball M8, 30 mm	1
3	MZ309-0321		46575100321	MZ-Block, L41.5 stainless steel	1
4	MZ309-0050		46705100050	MZ-Block, L66 stainless steel	1
5	MZ309-0324			MZ-Block, stainless steel	1

Optics — CO2 Focus Lens



	Raysoar P/N	OEM Ref. No.	Description	Brandname
1	LAMO01-8662		Lens Plx 1.5"Dia/5.0"Fl/.300"ET	II-VI
2	LAMO01-6068		Lens Plx 1.5"Dia/7.5"FL/.300"ET	II-VI
3	LAMO01-1363	Z50ZZ013480	Lens Plx 2.0"Dia/5.0"FL/.380"ET	II-VI
4	LMZO01-2771	LX524035-2,Z50ZZ00520A,Z50ZZ005200, Z50ZZ013470	Lens Plx 2.0"Dia/7.5"FL/.380"ET	II-VI

	Raysoar P/N	OEM Ref. No.	Description	Brandname
1	LAMO01-1363A	Z50ZZ013480	Lens Plx 2.0"Dia/5.0"FL/.380"ET	Raypower
2	LMZO01-2771A	LX524035-2,Z50ZZ00520A,Z50ZZ005200, Z50ZZ013470	Lens Plx 2.0"Dia/7.5"FL/.380"ET	Raypower

CO2 Folding Mirror



	Raysoar P/N	OEM Ref. No.	Description	Brandname
1	LMZO02-1727		MIRROR BMSPLTR 1.5"/.120"50%I-POL	II-VI
2	LMZO02-1053		MIRROR BMSPLTR 1.5"/.120"50%P-POL	II-VI
3	LMZO02-7751		MIRROR BMSPLTR 1.5"/.120"50%S-POL	II-VI
4	LMZO02-8360	Z50ZZ008360	MIRROR CU ATFR 2.0"DIA/.375"ET 99.5%	II-VI
5	LMZO02-0070	Z50MB000070	MIRROR CU ZPS 2.0"DIA/.394"ET 99.5%	II-VI
6	LMZO02-0060	Z50ZZ008210,Z50MB0000602	MIRROR CU TRZ 2.36"DIA/.394"ET	II-VI
7	LMZO02-0860	Z50ZZ010860	MIRROR CU PS 2.0"DIA/.375"ET	II-VI
8	LMZO02-0040		MIRROR CU PS 1.5"DIA/.250"ET	II-VI
9	LMZO02-0686	Z50MB000040	MIRROR CU PS 1.5"DIA/.250"ET	II-VI
10	LMZO02-8280	Z50ZZ008280	MIRROR SI PS 2.0"DIA/.200"ET	II-VI
11	LMZO02-7694	BRDL00001-002, 25010	MIRROR CU RPR 2.0"DIA/.378"ET 90 DEG	II-VI
12	LMZO02-7260	Z50ZZ007260	MIRROR CU PS 3.0"DIA/.250"ET	II-VI
13	LMZO02-0030	Z50MB000030	MIRROR CU TRZ 1.575"DIA/.295"ET/45DEG	II-VI
14	LMZO02-0060	Z50MB000060	MIRROR CU TRZ 2.362"DIA/.374"ET	II-VI
15	LMZO02-4184	4L104184-01	MIRROR SI TRZ 1.75"DIA/.375"ET	II-VI
16	LMZO02-8690	Z50MB008690	MIRROR SI TRZ 1.75"DIA/.375"ET	II-VI

## CO2 Optics for Oscillator CO2



	Raysoar P/N	OEM Ref. No.	Description	Type of Oscillator	Brandname
1	LMZO01-W813	W813	MIRROR ZNSE COL 1.5"DIA/.15.0M/.157"ET		II-VI
2	LMZO01-MA15	FSCOLLIMA15	MIRROR ZNSE COL 1.5"DIA/590.55"FL/.119"ET		II-VI
3	LMZO03-4808	Z50MB004740 BRAL0020 4L104808	MIRROR ZNSE OC 1.1"DIA/.220"ET/10MCC5MCX-90		II-VI
4	LMZO03-8510	Z50MB008510,BRAL0019	MIRROR ZNSE OC 1.1"DIA/.220"ET/15MCC-65%		II-VI
5	LMZO03-0014	BRAL0014	MIRROR ZNSE OC 1.1"DIA/.220"ET/20MCC15MCX-40		II-VI
6	LMZO03-5420	Z50MB005420, 4L106107,BRCL0010	MIRROR ZNSE OC 1.1"DIA/.220"ET/20MCC15MCX-50		II-VI
7	LMB003-0590	Z50MB010590	MIRROR ZNSE OC 1.1"DIA/.220"ET/20MCC15MCX-60		II-VI
8	LMZO03-0007	BRAL0007	MIRROR ZNSE OC 1.1"DIA/.220"ET/20MCC20MCX-70		II-VI
9	LMZO03-0560	Z50MBB010560, BRAL0036	MIRROR ZNSE OC 1.1"DIA/.220"ET/20MCC15MCX-75		II-VI
10	LMZO03-0008	BRAL0008,4L106107	MIRROR ZNSE OC 1.1"DIA/.220"ET/20MCC-50		II-VI
11	LMZO03-8670	Z50MB008670	MIRROR ZNSE OC 1.1"DIA/.220"ET/10MCC7.5MCX-60		II-VI
12	LMZO03-6662		MIRROR ZNSE OC 1.1"DIA/.220"ET/20MCC50MCX-50		II-VI
13	LMZO04-1407	4L104183	MIRROR GE RM 1.1"DIA/.220"ET/20MCC 99.5%		II-VI
14	LMZO04-8500	Z50MB008500,BRBL0005	MIRROR GE RM 1.1"DIA/.220"ET/15MCC-99.5%		II-VI
15	LMZO04-0002	Z50MB010580,BRAL0002	MIRROR GE RM 1.1"DIA/.220"ET/20MCC0.6MCX-99.5		II-VI
16	LMZO04-8100	Z50MB008680 BRBL0006	MIRROR GE RM 1.1"DIA/.220"ET10MCC0.6MCX-99.5		II-VI

## Fiber Optics



	Raysoar P/N	OEM Ref. No.	Part Name	Description	Brandname
1	LMZO11-4290S	Z50SA015350	Protective Window	Fused Silica PW D42.00 T9.0 AR/AR@1064nm	Raypower

**Air Filter**


	Raysoar P/N	OEM Ref.No.	Description
1	LMZP07-2630	G48SV002630	FILTER SMC AMH-EL150
2	LMZP07-2640	G48SV002640	FILTER SMC AME-EL150
3	LMZP07-2650	G48SV002650	FILTER SMC AMF-EL150
4	LMZP07-3330	G48SV003330 / G48SV00323A	FILTER SMC AMH-EL350
5	LMZP07-1420	G48SV001420	FILTER SMC AME-EL350 SUPER MIST SEPARAT,AME350-03
6	LMZP07-3350	G48SV003350,G48SV00325A	FILTER SMC AMF-EL350 ODOUR REMOVAL,AMF350-03B
7	LMZP07-2690	G48SV002690	FILTER SMC AMH-EL250
8	LSMP07-151A	G48SV00151A	AIR FILTER SMC (AMD-EL250-X231)
9	LMZP07-1430	U01QQ001430	F300-03BG-A
10	LMZP07-03B	AFF4B-03B	FILTER SMC AFF4B-03B
11	LMZP07-F03	EAD202-F03	FILTER SMC SUN DRAIN CATCH AS202-03
12	LMZP07-0160	H50ZZ000160	BK 9900-05 TUBE FILTER

**Oscillater**


	Raysoar P/N	OEM Ref. No.	Description
1	LLBM07-2023	Z50MBP0090, 71199197	Vacuum pump filter
3	LLBM06-GS32-2	LVO120	Vacum pump oil LVO 120 2L
4	LFAM06-T560		AeroShell Turbine Oil 560

## Lubrication Grease



	Raysoar P/N	OEM Ref. No.	Description
1	LMZM06-SIMA		SIMALUBE GREASE FOR FIBRE LASER
2	LMZM06-MPO4		MPO-4 400ml





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	Raysoar P/N	OEM Ref. No.	Description
1	LOPC15-1260		LENS STRESS VISUALIZER Ø 1.5" (Ophir EZ Test) (1.5")
	LOPC15-1280		LENS STRESS VISUALIZER Ø 2.0" (Ophir EZ Test) (2.0")
2	LTRC15-7388		Mirror Polish .1UM 80ML
3	LRSC15-ALCO-500		Ethanol 99.7%
4	LRSC15-A236		IPA Isopropyl A236 400ml
5	LRSC15-GSBL		Air Duster 85g
6	LRSC15-FCS3		Optics Cleaning Liquid (Imported) 58ml
7	LRSC15-ACET-500		Optics Cleaning Liquid 500ml
8	LRSC15-0714		Knit polyester swabs 20pcs
9	LRSC15-759B		Knit polyester swabs 100pcs
10	LRSC15-9625		Knit polyester swabs 50pcs
11	TR300-6452		Original Tiffen Lens Cleaning Paper (50 sheets)
12	LRSC15-CLPA		Domestic Lens Cleaning Paper (40 sheets)
13	TR300-1115		Lens cleaning cotton pads -80 pcs
14	LRSC15-KT3008		Cleanroom wipers KX KT-3008 9"