

COLLETS OSK

Immediate availability

We maintain a large stock of collets for all OSK weld heads.
1 set for each outside diameter = 4 collets.

- COLLETS FOR OSK 21**
- COLLETS FOR OSK 38**
- COLLETS FOR OSK 53**
- COLLETS FOR OSK 76**
- COLLETS FOR OSK 115**

- 1.3.2321 + Ø**
- 1.3.2021 + Ø**
- 1.3.2521 + Ø**
- 1.3.2621 + Ø**
- 1.3.2721 + Ø**

The standard collet sizes available from stock are listed on page 28.
Non-standard sizes and 'specials' are available on request.

HP-COLLETS (OSK 53/76/117) for specific clean welding seams for the semiconductor industry are available on request.



OFFSET ELECTRODE HOLDER

from sizes OSK 53 upward
The maximum coverage of the weld head size is then reduced.

- OFFSET ELECTRODE HOLDER** for tungsten Ø 1.6mm | 0.063"
- OFFSET ELECTRODE HOLDER** for tungsten Ø 2.4mm | 0.094"

- 1.3.3106**
- 1.3.3101**

MULTI-POSITION ELECTRODE HOLDER

from sizes OSK 53 upward
The maximum coverage of the weld head size is then reduced.

- MULTI-POSITION ELECTRODE HOLDER** for tungsten Ø 1.6mm | 0.063"
- MULTI-POSITION ELECTRODE HOLDER** for tungsten Ø 2.4mm | 0.094"

- 1.3.3102**
- 1.3.3107**

GAS-SHIELD COLLETS

Gas-shield collets are particularly narrow and have an aluminium base jaw and a gas-shield cover of heat-resistant material for welding fittings, flanges, elbows, etc. In combination with offset or multi-position electrode holders the weld can be completed very close to one side of the weld head. Special wide clamps are available for a more secure fixture on request. Gas-shield collets are available for OSK weld heads size 53 / 76 / 115 (tube size range limited).

Gas-shield base collets and covers (1 set – 2 collets)

- GAS-SHIELD BASE COLLETS FOR OSK 53**
- GAS-SHIELD BASE COLLETS FOR OSK 76**
- GAS-SHIELD BASE COLLETS FOR OSK 115**

- 1.2.3305**
- 1.2.3304**
- 1.2.3303**

GAS-SHIELD COVER COLLETS (GRP)
(adaptation by the customer)

- FOR OSK 53**
- FOR OSK 76**
- FOR OSK 115**

- 1.2.3308**
- 1.2.3307**
- 1.2.3306**

GAS-SHIELD COVER COLLETS (GRP)
(prefabricated with through hole)

- FOR OSK 53**
- FOR OSK 76**
- FOR OSK 115**

- 1.2.3309**
- 1.2.3310**
- 1.2.3311**



CHART

CHART FOR STANDARD TUBE OUTSIDE DIAMETERS



Nominal Diameter DN	DIN	ISO	inch	OD (mm)	OD (inch)
	DIN 11850	EN ISO 1127	ASME		
				3.17	0.125
				6.00	0.236
			1/4"	6.35	0.250
	6			8.00	0.315
			3/8"	9.53	0.375
	8			10.00	0.394
		10.2		10.20	0.402
				12.00	0.472
			1/2"	12.70	0.500
	10			13.00	0.512
8		13.5		13.50	0.531
				15.88	0.625
				16.00	0.630
10		17.2		17.20	0.677
				18.00	0.709
	15			19.00	0.748
			3/4"	19.05	0.750
				20.00	0.787
15		21.3		21.30	0.839
				22.00	0.866
	20			23.00	0.906
			1"	25.40	1.000
20		26.9		26.90	1.059
				28.00	1.102
	25			29.00	1.142
				30.00	1.181
25		33.7		33.70	1.327
	32			35.00	1.378
			1 1/2"	38.10	1.500
				40.00	1.575
	40			41.00	1.614
32		42.4		42.40	1.669
				44.50	1.752
40		48.3		48.30	1.902
			2"	50.80	2.000
				51.00	2.008
				52.00	2.047
	50			53.00	2.087
				54.00	2.126
50		60.3		60.30	2.374
			2 1/2"	63.50	2.500
	65			70.00	2.756
65		76.1		76.10	2.996
			3"	76.20	3.000
	80			85.00	3.346
80		88.9		88.90	3.500
			4"	101.60	4.000
	100			104.00	4.094
				108.00	4.252
100		114.3		114.30	4.500
			5"	127.00	5.000
	125			129.00	5.079
125		139.7		139.70	5.500
			6"	152.40	6.000
	150			154.00	6.063
				165.10	6.500
150		168.3		168.30	6.626
				177.80	7.000
				190.50	7.500
	200			204.00	8.031
200		219.1		219.10	8.626

Standard collets available from stock for enclosed OSK weld heads.

None standard length are available on request.