

Abrasive cutting head 1100



Properties and advantages

- Long lifetime
- Constant jet quality
- Accurate cutting accuracy
- Narrow cutting width
- High cutting performance
- Swiss Quality

Applications

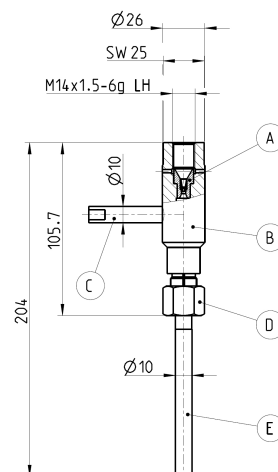
- metal
- titanium
- Aluminium
- stone
- marble
- granite
- ceramic
- reinforced concrete
- cement
- mineral wool
- shatterproof-
- safety- and bulletproof glass
- wood
- plastics
- composite materials
- vehicle and aircraft parts
- etc.

Description

All of our experience in abrasive cutting up to pressures of 4000 bar was utilised in the development of the type-1100/1101 abrasive cutting head. This concept is based on having a minimal number of components, the result of which is a less frequent need for repairs to be carried out and a good price-performance ratio. The original concept and the design of the mixing chamber in the mvt abrasive cutting head allows for optimal performance and ensures that it can be used at a maximum pressure of 3000 bar. This cutting head can be fitted on all brands of lances – even yours!

ART. NO. (1)

31492_ _



CHARACTERISTICS	TYPE
	1100
Operating pressure (bar)	max. 3000
Operating temp. (°C)	max. 150°

Performance

ART. NO.	NOZZLE SIZE IN US GAL/MIN AT 40 PSI	NOZZLE ØD MM	FOCUSING TUBE Ø MM	PRESSURE IN PSI / BAR				
				psi 14500	psi 21750	psi 29000	psi 36250	psi 43500
				bar 1000	bar 1500	bar 2000	bar 2500	bar 3000
				FLOW RATE IN L/MIN				
31492.0600	0071	0.60	2.00	5.138	6.243	7.155	7.944	8.644
31492.0650	0083	0.65	2.00	6.030	7.327	8.398	9.323	10.144
31492.0700	0096	0.70	2.00	6.994	8.498	9.739	10.812	11.765
31492.0750	0111	0.75	2.50	8.029	9.755	11.180	12.412	13.506
31492.0800	0126	0.80	2.50	9.135	11.099	12.721	14.122	15.367
31492.0850	0143	0.85	2.50	10.387	12.621	14.465	16.058	17.473
31492.0900	0160	0.90	2.50	11.645	14.149	16.216	18.003	19.589
31492.0950	0180	0.95	3.00	13.049	15.856	18.172	20.174	21.952
31492.1000	0199	1.00	3.00	14.459	17.569	20.136	22.353	24.323

Spare Part List

POS.	ART. NO.	ARTICLE	DIMENSION
A	31228.0600	Typ 952	0.60
A	31228.0650	Typ 952	0.65
A	31228.0700	Typ 952	0.70
A	31228.0750	Typ 952	0.75
A	31228.0800	Typ 952	0.80
A	31228.0850	Typ 952	0.85
A	31228.0900	Typ 952	0.90
A	31228.0950	Typ 952	0.95
A	31228.1000	Typ 952	1.00
B	10089	Mixingchamber	M14x1.5 LH
C	10091	Abrasivesocket	M10-6g/SW8
D	10092	Union nut	M16x1.5-6H / SW22
E	10093	Focusing tube	2.00
E	10094	Focusing tube	2.50
E	10095	Focusing tube	3.00