

Abrasive cutting head 1101



Properties and advantages

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

Applications

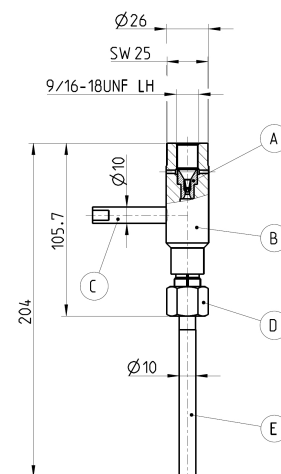
- metal
- titanium
- Aluminium
- marble
- stone
- granite
- ceramic
- reinforced concrete
- cement
- mineral wool
- shatterproof-
- safety- and bulletproof glass
- wood
- plastics
- composite materials
- vehicle and aircraft parts
- etc.

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)

31242._ _



CHARACTERISTICS	TYPE
	1101
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				
31242.0600	0072	0.60	2.00	5.213	6.334	7.259	8.059	8.769
31242.0650	0084	0.65	2.00	6.118	7.434	8.519	9.458	10.291
31242.0700	0098	0.70	2.00	7.095	8.621	9.881	10.969	11.936
31242.0750	0112	0.75	2.50	8.145	9.897	11.342	12.592	13.702
31242.0800	0128	0.80	2.50	9.267	11.260	12.905	14.327	15.589
31242.0850	0144	0.85	2.50	10.462	12.712	14.569	16.173	17.599
31242.0900	0161	0.90	2.50	11.729	14.251	16.333	18.132	19.730
31242.0950	0180	0.95	3.00	13.068	15.879	18.198	20.203	21.983
31242.1000	0199	1.00	3.00	14.480	17.594	20.164	22.385	24.358

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	10090	Mixing chamber	9/16-18UNF 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