AKBO spray nozzles and lances for guns and valves (1)

Assembly of a complete spray lance



N – 1/4" BSPT male thread spray nozzle - (example index: AK-NOZ2520)
S – socket (1/4" BSP female thread) - (index: AK-MUFFE-04)
L – lance (2 x 1/4" BSP male thread) - (example index: AK-LACX02XXX, bent: AK-LABX02XXX)
A - DN11,8 quick coupling plug*
R – adaptor (1/4" BSP female thread / 1/2" BSP female thread - index: AK-NIP5025-R)
PB – rubber nozzle guard (blue, index: AK-NOPROT-04-BL)
NB - nylon nozzle guard (blue, index: AK-NOPRON-04-BL)

For permanent threaded connections use anaerobic sealant.

1/4" BSPT male thread spray nozzles with a straight concentrated jet, material: stainless steel

drawing
 AK-NOZ0013

index	flow at 20 bar [l/min]
AK-NOZ0013	13,3
AK-NOZ0015	15,3
AK-NOZ0020	20
AK-NOZ0025	25

index	flow at 20 bar [l/min]
AK-NOZ0030	31
AK-NOZ0035	36
AK-NOZ0040	41
AK-NOZ0050	51

index	flow at 20 bar [l/min]
AK-NOZ0060	61
AK-NOZ0070	71
AK-NOZ0080	82
AK-NOZ0090	92

Highlighted indices – most commonly used

1/4" BSPT male thread spray nozzles with a flat angled jet, material: stainless steel

jet spray angle	5°	15°	25°	40°	50°	65°	flow at 20 bar [l/min]
drawing	index						
 AK-NOZ0515	-	AK-NOZ1513	AK-NOZ2513	AK-NOZ4013	-	-	13,3
	-	AK-NOZ1514	AK-NOZ2514	-	-	-	14,3
	AK-NOZ0515	AK-NOZ1515	AK-NOZ2515	AK-NOZ4015	AK-NOZ5015	AK-NOZ6515	15,3
	AK-NOZ0520	AK-NOZ1520	AK-NOZ2520	AK-NOZ4020	AK-NOZ5020	AK-NOZ6520	20
	AK-NOZ0525	AK-NOZ1525	AK-NOZ2525	AK-NOZ4025	-	-	26
	AK-NOZ0530	AK-NOZ1530	AK-NOZ2530	AK-NOZ4030	-	AK-NOZ6530	31
	-	AK-NOZ1535	AK-NOZ2535	AK-NOZ4035	-	-	36
	AK-NOZ0540	AK-NOZ1540	AK-NOZ2540	AK-NOZ4040	-	-	41
	-	AK-NOZ1550	AK-NOZ2550	AK-NOZ4050	-	-	51
	-	AK-NOZ1560	AK-NOZ2560	AK-NOZ4060	-	-	62

Highlighted indices – most commonly used

Mounting accessories for 1/4" spray lances

drawing		index	description
 AK-MUFFE-04	 AK-NIP5025-R	AK-MUFFE-04	**Socket.** 1/4" BSP female thread, stainless steel.
		AK-NIP5025-R	**Adaptor.** 1/4" BSP female thread / 1/2" BSP female thread, stainless steel.

Guards for 1/4" spray nozzles – stainless steel

drawing		index	description
 AK-NOPROT-04-RVS	 AK-NOPROT-04-RA	AK-NOPROT-04-RVS	**Guard.** 2 x 1/4" BSP female thread, stainless steel.
		AK-NOPROT-04-RA	**Guard with quick coupling plug.** 1/4" BSP female thread / DN11,8 quick coupling plug*, stainless steel.

** - DN11,8 quick couplings – see INDUSTRIAL FITTINGS section, chapter "Stainless steel quick couplings for water"*