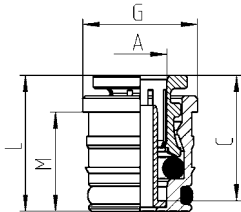
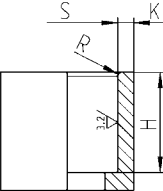
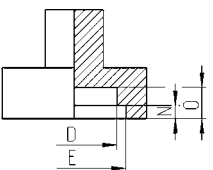

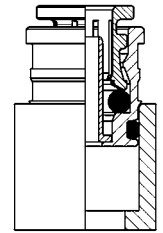
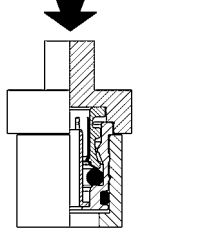


Nickel-Plated Brass DOT Fittings NPTF/Inch Series ND ND6700 Cartridge

Tube Diameter OD : 5/32", 1/4", 3/8", 1/2", 5/8", 3/4"

Thread Type : 1/8", 1/4", 3/8", 1/2", 3/4" NPTF

PUSH-IN FITTINGS

Dimensions														
Cartridge						Cavity				Installation Tool				
														
														
Mod.	A OD	C	G	M	L	S (±0.002)	K (min)	H (min)	R	D	E	N	O	P Max (lbs.)
ND6700 53-00	5/32	0.520	0.394	0.413	0.571	0.346	0.059	0.449	0.020	0.346	0.406	0.071	0.150	926
ND6700 04-00	1/4	0.606	0.551	0.480	0.657	0.504	0.079	0.500	0.020	0.465	0.563	0.071	0.169	1102
ND6700 06-00	3/8	0.787	0.701	0.638	0.835	0.650	0.079	0.650	0.020	0.622	0.713	0.071	0.189	2028
ND6700 08-00	1/2	0.787	0.827	0.638	0.835	0.776	0.079	0.780	0.020	0.713	0.839	0.071	0.189	2094

- * Cavity dimensions listed above are suitable for non-metallic cavities, however based on the SAE J2494-4 Cartridge Cavity Dimensional Specification, cavities made from materials other than T6061-T6 aluminum may need to be adjusted dimensionally so that when installed; the tube/cartridge/cavity assembly will pass the applicable performance tests in SAE J1131 and SAE J2494-3.
- * The dimension for the installation tool should be noted and followed as a properly machined tool creates a specific mechanical stop which serves the purpose of avoiding damage to the collet body due to excessive insertion force being used.
- * Surface Finish of the gland seat required: Ra <= 3.2 microns.
- * INSTALLATION: Drill or bore hole per specifications per size of cartridge (dimensions H, S, and K).
- * Simply press fit cartridge into hole with an evenly distributed force over the top surface.
- * Removal of the collet ring is not necessary.
- * Cartridge fittings are useful for installations in various manifolds and/or distribution blocks when drilling and tapping are not desirable.
- * For cavity specification requirements see SAE J2494-4



GENERAL DATA

Material	Electrolytic Nickel-plated brass OT58 UNI 5705, Tube-support/insert in glass-reinforced Nylon
Collet	Brass OT58, nickel plated
O-ring	Low temperature Buna-N (NBR)
Threads	10/32 UNF, 1/8", 1/4", 3/8", 1/2", 3/4" NPTF
Temperature Range	-58°F - 200°F
Operating pressure	0 - 275 psi (3/4" tube size operating pressure = 0 - 175 psi)
Fluid	Compressed air [for other types of fluid please contact your local Camozzi branch]
Tube diameter	5/32", 1/4", 3/8", 1/2", 5/8", 3/4" OD