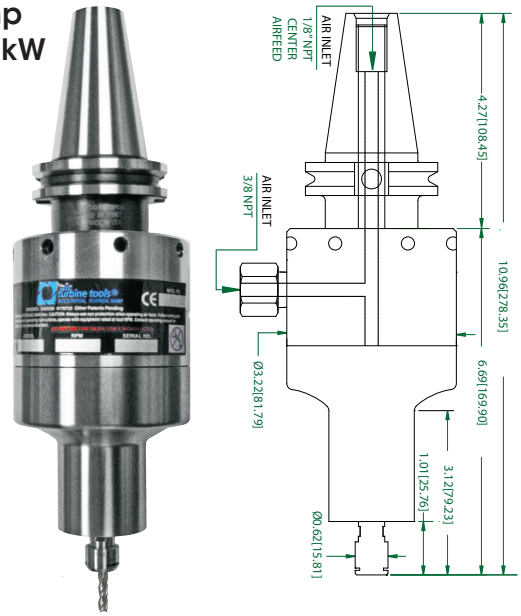
Integration of the popular DIN40 toolholder into the 650 spindle housing deliverss constant high speed with ultra low vibration and improves accuracy and rigidity. Rigid steel construction in one piece with the toolholder also cuts the height of the unit. With Air Turbine Spindles™ patented double turbine's extra power the 1.4HP / 1.04 KW motor maintaining stable high speed and torque under load. The 650XDIN40 accelerates feed rates and cuts cycle times as a result of its low friction power unit with few moving parts. Rated governed speeds available are 25,000, 30,000 and 40,000 rpm. Super precision at 0.0002" / 0.00508mm. with H6 Shank Tolerance. Plenty of power to speed up your inches cut per minute. High cutting speeds are maintained at the periphery of your end mill or burr using the the 650's unique governed performance to achieve a faster cycle time, a cleaner finished surface and more production on your CNC.

Model 650XDIN-(69871)

1.4 hp
1.04 kW



1/4"		6mm	
Speed	*Part #*	*Speed*	*Part #*
25,000 rpm	64168	25,000 rpm	64169
30,000 rpm	64170	30,000 rpm	64171
40,000 rpm	64172	40,000 rpm	64173

Weight: 118.4oz / 3.34kg

Standard Equipment: Spindle, combo filter extractor, collet, wrenches, plug (for alternate air inlet not in use) and carrying case.

ER11 collet system standard (1/4" or 6mm collet standard - other sizes optional). Oil free 90PSI / 6.2BAR, clean, dry air supply.

General Specifications	CE 650XDIN-(69871) MADE IN THE USA		
Speed RPM	25,000	30,000	40,000
Power Rating HP (KW)	1.2 (.90)	1.3 (.98)	1.4 (1.04)
Inlet Air Pressure	90 PSI (6.2 Bar)		
Air Consumption-Idle cfm (L/s)	16 (7.56)	17 (8.02)	18 (8.49)
Air Consumption-Working cfm (L/s)	19 (8.97) - 30 (14.16)		
TIR Collet Held Shank	Less Than 0.0002" (0.005mm)		
Sound Level	Less than 67 dBa		
Standard Shank Capacity	1/4" (6mm)		

Accessories	Part#
High Flow Filter/Regulator/Extractor	30008

Hose & Fitting Assemblies	Part#
Tube 12mm O.D. - 8mm I.D. (order by the foot)	16509
Hose & Fitting - 6'	30044
Hose & Fitting - 12'	30045

TMA Autochanger	Part#
Haas	36220
Fadal	36223
Hurco	36272
Hurco 40 Taper 66MM	36275
Universal	36229

Subject to change of specifications, without notice. On 1/4" or 6mm tools with power do not use couplings or hoses less than 1/4" / 6mm in diameter. Always use a 1 micron filter and/or extractor where required and check specified air flow. For 1.4 HP / 1.04 kW tools use 1/2" or 9mm hoses. 6.2 Bar / 90 psi clean, dry, oil-free air only. Use eye protection and follow safety instructions. All specifications approximate.
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