

Locking Handle engages and disengages the Locking Mechanism of the Tool Post.

Holding post and flange nut Secures the Tool Post on the lathe

Heavy Duty Construction

Hardened and Precision Ground Alloy Steel

Tool Holder Station:

- 4 super precision dovetail holding stations
- 1 to 4 tool holders locked independently

The toolpost is equipped with six O-Ring seals to prevent any coolant, chips, and contaminants from getting inside the toolpost.

Bottom locking plate holds the Tool Post in fixed position. Provides a mounting surface. Determines the rigidity, stability and the precise repeatability of the Tool Post.

2 pre-loaded index pins locate the preset tool post positions.

Tool Post is provided with a T-nut for American mounting style or with a bolt shaft for European mounting style. The eccentric tool holder locking pin (cam) excercises over 20,000 lbs of positive locking force on the sliding gib with absolute zero backlash.

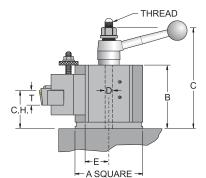
Patented quick change holder Locking System: The quick change tool holder locking system has a sliding gib which travels inside the fixed dovetail of the tool post. When pushed out by the locking pin, it pulls and locks the tool holder against the precision ground dovetail of the tool post within .0001" of repeatability.

Patented Indexing System: 24 indexing positions 15° increments Repeatability within .00005"

Indexing system performance: The accuracy and repeatability of this system will not be deteriorated by wear; however, will only get better with usage.

Disengaging springs: Lifts and disengages the Tool Post from the bottom locking plate in order to index to the desired position.

Larger Surface Plate: A larger surface area provides more mounting rigidity.



Call: 979-282-2861

• 4 Tool Holders Held Simultaneously

tool post is locked.

24 super precision and hardened tool

steel ball bearings assure accuracy

and precise repeatability when the

- Indexing Repeatability within .00005"
- Tool Holder Repeatability within .0001"
- From Prototype to High Production
- · Quick and Versatile for Any Operation
- 24 Locking Positions, every 15°
- · Ideal for Manual & CNC Lathes
- Super Precise for Tight Tolerance Machining
- · Heavy Duty For Oil Field Applications

Description	QITP25N		QITP30N		QITP35N		QITP40N		QITP50N		QITP60N	
Part No. 733101-	00000		00002		00004		00006		80000		00010	
Size	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
Lathe Swing Over Bed	≤12"	≤300,0	13-15"	320,0	14-17"	400,0	16-20"	450,0	17-32"	500,0	≥25-XHD	XHD
A	2.500	63.5	3.000	76.2	3.500	88.9	4.000	101.60	5.000	127.0	6.000	152.4
В	2.570	65.3	3.205	81.4	3.460	87.9	4.070	103.4	5.230	132.8	5.615	142.6
С	5.210	132.3	5.720	145.3	6.415	162.9	7.525	191.1	9.135	232.0	9.855	250.3
D	0.500	12.7	0.500	12.7	0.625	16.0	0.750	19.0	1.000	25.40	1.125	28.6
E	0.880	22.4	1.115	28.3	1.245	31.6	1.530	38.9	1.897	48.2	2.207	56.1
T-Tool Capacity	1/2-3/4	12-20	5/8-1.0	16-25	3/4-1.0	20-25	1.0-1 1/4	25-32	11/4 - 11/2	32-40	1 ½	40.0
Optimim C.H.*	1.422	36.1	1.747	44.4	1.835	46.6	2.202	55.9	2.995	76.1	3.440	87.4
C.H. MIN.	0.995	25.3	1.213	30.8	1.445	36.7	1.757	44.6	2.245	57.0	2.750	69.9
C.H. MAX.	1.849	50.0	2.282	58.0	2.225	56.5	2.646	67.2	3.744	95.1	4.129	104.9
Thread	1/2-20	M12x1,75	1/2-20	M12x1,75	5/8-18	M16x2,0	3/4-16	M18x2,5	1.0-14	M24x3,0	11/8-12	M27x3,0

^{*}Optimum center height is calculated with the smaller tool size of the tool capacity.