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# **HYDRO-CENTRO**

CNC lathe, Center Calibration holder

***New!!***

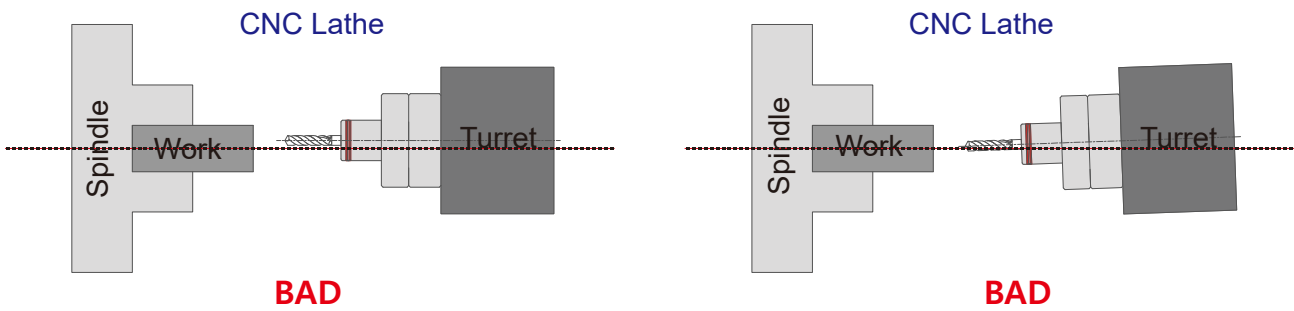
***New hydro line-up***



# HYDRO-CENTRO

**Optimal machining is realized by correcting misalignment of turret and spindle on CNC lathes.**

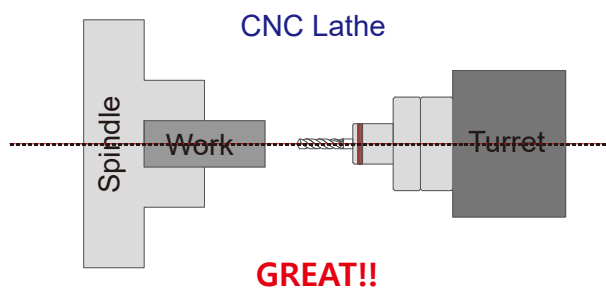
## Before



**CENTRO SETTING**



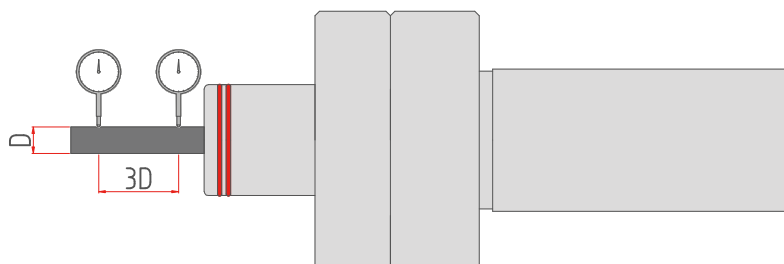
## After



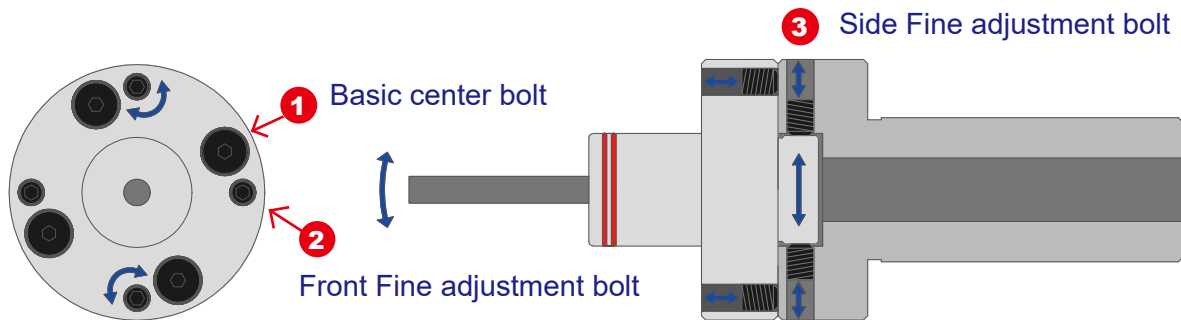
Centro setting video.

**Guarantees the same runout when changing tools with one calibration.**

Precision-always keep same run-out accuracy.



## HYDRO-CENTRO Easy to use.



### How to use

- 1step- Insert tool.(insert setting bar) and Lock the clamping screw.
- 2step- Run-out check.
- 3step- After setting the basic run-out using the foundation **1** basic center bolt, lock the 4 bolts.
- 4step- Check the run-out and make fine adjustments using the **2** front fine bolts and **3** side fine bolts.

## Setting BAR

The setting bar is very precise.  
It is used for accurate run-out setting when used as a hydro centro.



**STB**

STB-3/ 4/ 6/ 8/ 10/ 12

**Applied product**

ID 3/4/6/8/10/12

Setting Bar



**≡ Dimensions(mm)**

Centro flange		D1	D2	D3	D4	L1	L2	L3	L4	Clamping wrench	Adjustment bolt (wrench)	Kg.
FL58/GCT6	●	6	25	58	-	42	-	31	25	TR-4.0	-	0.4
FL58/GCT8	●	8	28	58	-	42	-	31	25	TR-4.0	-	0.4
FL58/GCT10	●	10	30	58	-	42	-	38	25	TR-4.0	-	0.4
FL58/GCT12	●	12	31	58	-	42	-	43	25	TR-4.0	-	0.4
FL68/GCT20	●	20	41.5	68	-	48	-	48	31	TR-4.0	-	0.7

Connection holder												
ST25/D58-CONN	●	25	58	-	-	60	20	-	-	-	M6x1.0(T-3.0)	0.6
ST25/D68-CONN	●	25	68	-	-	60	20	-	-	-	M6x1.0(T-3.0)	0.7
ST32/D58-CONN	●	32	58	-	-	70	20	-	-	-	M6x1.0(T-3.0)	0.8
ST32/D68-CONN	●	32	68	-	-	70	20	-	-	-	M6x1.0(T-3.0)	0.9
ST40/D58-CONN	●	40	58	-	-	70	20	-	-	-	M6x1.0(T-3.0)	1.0
ST40/D68-CONN	●	40	68	-	-	70	20	-	-	-	M6x1.0(T-3.0)	1.1

**Availability:** ● Stock ▲ Short lead time ○ Made to order

- »h6 shank tools must be used.
- »T-wrench is must be ordered separately.  
(GRIP torque wrench is recommended.)
- »All products center through coolant system.
- »Additional sizes and special designs available on request.

⚠ The minimum tool depth must be observed.

