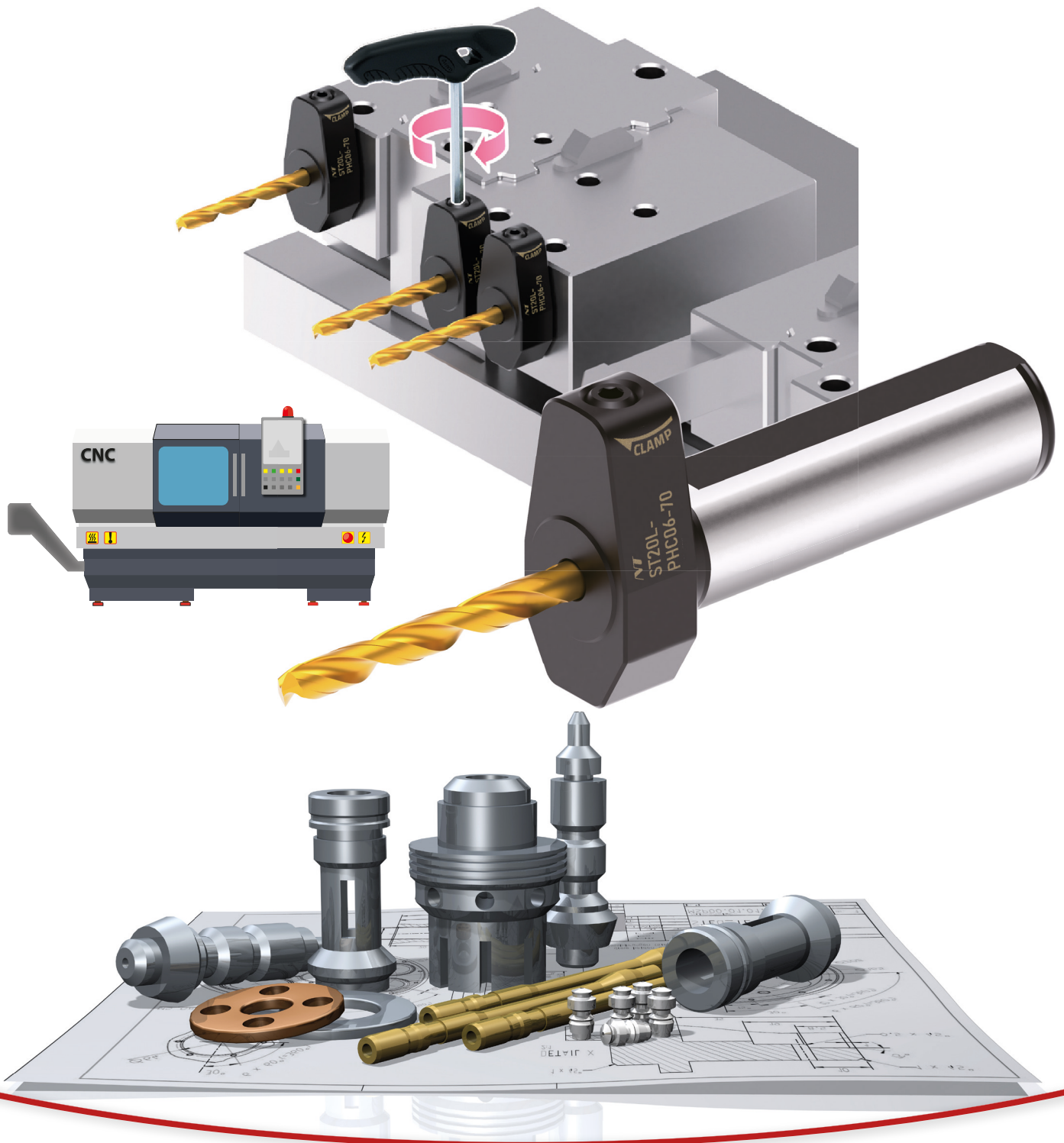




ST·L-PHC

NEW

Hydro-TURNLine für CNC-Drehmaschinen
Hydro-TURNLine for CNC automatic lathe



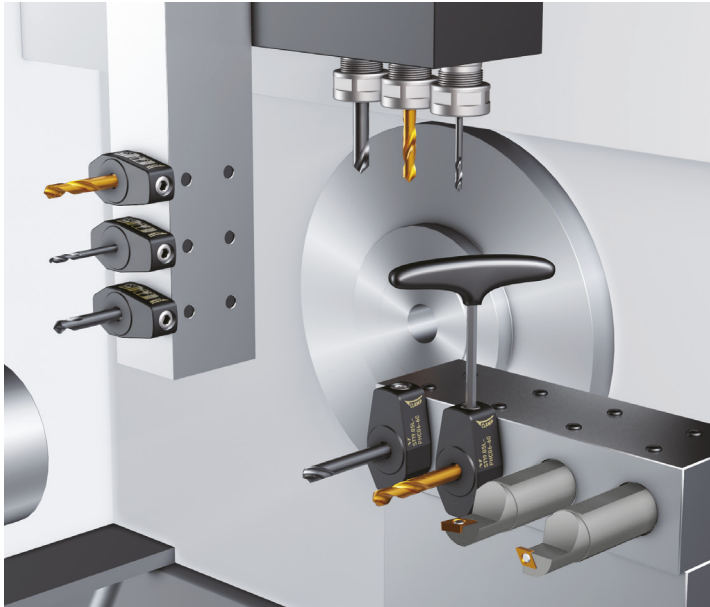
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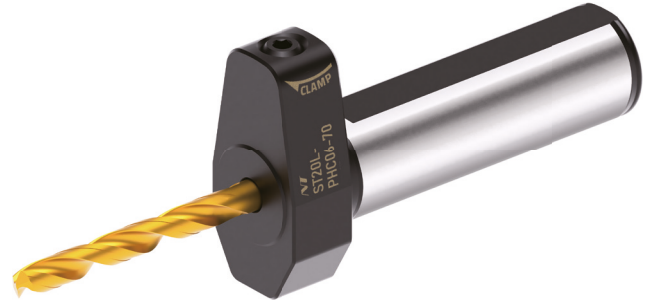
ST·L-PHC

NEW

Hydro-TURNLine für CNC-Drehmaschinen
Hydro-TURNLine for CNC automatic lathe



Mehr Produktivität für Ihre Drehmaschine
More productivity for your lathe machine



Schaftauswahl | shank size

ST16L, ST19.05L, ST20L
ST22L, ST25L, ST25.4L

Spannbereich | clamping range

ø3.0 ~ ø12.0 mm

Anwendungsbeispiel:

Rüstzeit um 80 % reduziert

Application example:

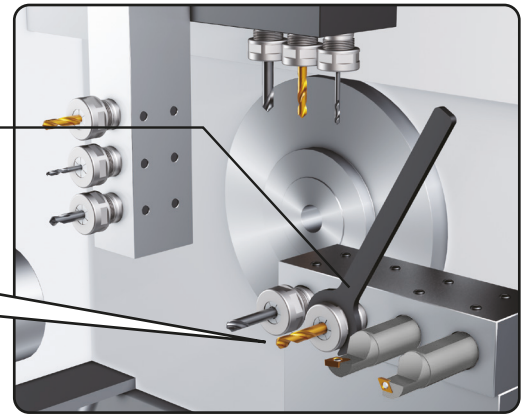
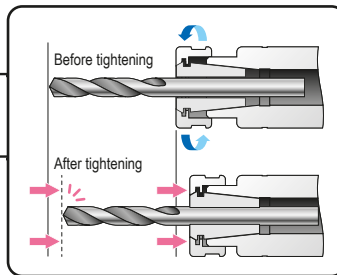
set up time has been reduced by 80%

Vorher: Spannzangenaufnahme

Before: Collet Holder

Rüstzeit
Set-up time **8 min 43 sec**

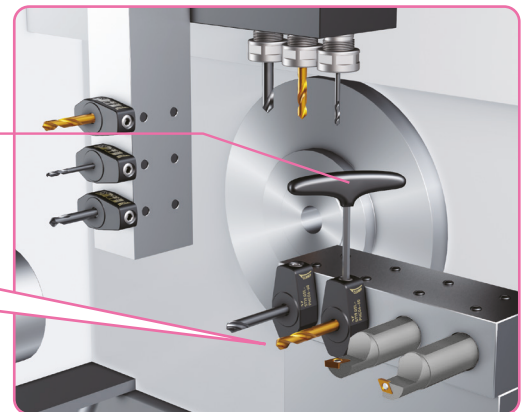
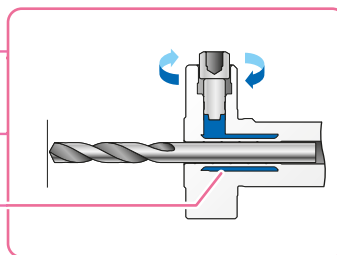
- ✘ **Umständliches Werkzeughandling**
Tool change is difficult in tight spaces
- ✘ **erhöhter Rüstaufwand durch Höhenversatz**
Tool pre-set with height offset
- ✘ **keine wiederholgenaue Werkzeugspannung**
Accuracy varies between tool changes



HYDRO-TURNLine

Rüstzeit
Set-up time **1 min 38 sec**

- ✔ **einfaches Spannhandling**
Easy chucking with a single wrench
- ✔ **Voreinstellung ohne Höhenversatz**
Tool pre-set without height offset
- ✔ **Wiederholgenauigkeit**
Good repeatability (1µm)
- ✔ **erhöhte Standzeit durch Vibrationsdämpfung**
Anti-vibration effect provides longer tool life



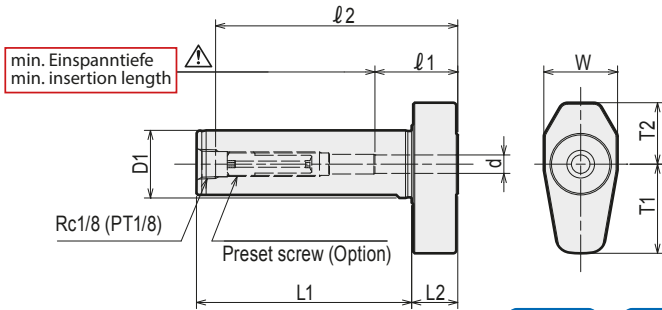


ST·L-PHC

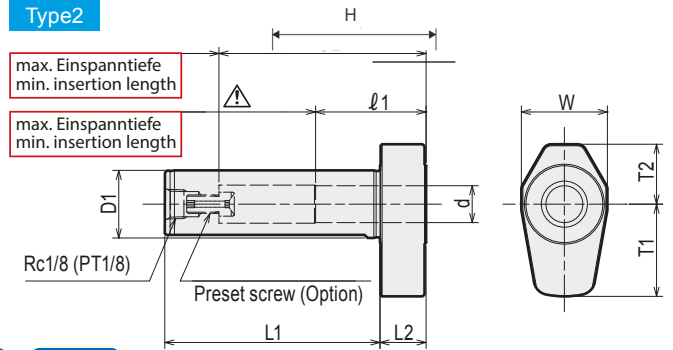
NEW

Hydro-TURNLine für CNC-Drehmaschinen
Hydro-TURNLine for CNC automatic lathe

Type1



Type2



Tol. h6



Halter Holder	Type	d	D1	L1	L2	W	T1	T2	l1	l2	
ST16L -PHC03 -50	1	3	16	50	15	22	23	17.5	16	58	L-4T
	1	4	16	50	15	22	23	17.5	19	58	
	1	6	16	50	15	22	24.5	18.5	27	58	
	2	8	16	50	15	24	25.5	19.5	27	47	
ST19.05L -PHC03 -60	1	3	19.05	60	15	22	23	17.5	16	68	L-4T
	1	4	19.05	60	15	22	23	17.5	19	68	
	1	6	19.05	60	15	22	24.5	18.5	27	68	
	2	8	19.05	60	15	24	25.5	19.5	27	57	
	2	10	19.05	60	15	26	26.5	20.5	33	60	
ST20L -PHC03 -70	1	3	20	70	15	22	23	17.5	16	78	L-4T
	1	4	20	70	15	22	23	17.5	19	78	
	1	6	20	70	15	22	24.5	18.5	27	78	
	2	8	20	70	15	24	25.5	19.5	27	64	
	2	10	20	70	15	26	26.5	20.5	33	67	
ST22L -PHC03 -70	1	3	22	70	15	24	23	17.5	16	78	L-4T
	1	4	22	70	15	24	23	17.5	19	78	
	1	6	22	70	15	24	24.5	18.5	27	78	
	2	8	22	70	15	24	25.5	19.5	27	64	
	2	10	22	70	15	26	26.5	20.5	33	67	
	2	12	22	70	15	28	29	21.5	36	67	
ST25L -PHC03 -70	1	3	25	70	15	28	23	17.5	16	78	L-4T
	1	4	25	70	15	28	23	17.5	19	78	
	1	6	25	70	15	28	24.5	18.5	27	78	
	2	8	25	70	15	28	25.5	19.5	27	64	
	2	10	25	70	15	28	26.5	20.5	33	67	
	2	12	25	70	15	28	29	21.5	36	67	
ST25.4L -PHC03 -70	1	3	25.4	70	15	28	23	17.5	16	78	L-4T
	1	4	25.4	70	15	28	23	17.5	19	78	
	1	6	25.4	70	15	28	24.5	18.5	27	78	
	2	8	25.4	70	15	28	25.5	19.5	27	64	
	2	10	25.4	70	15	28	26.5	20.5	33	67	
	2	12	25.4	70	15	28	29	21.5	36	67	

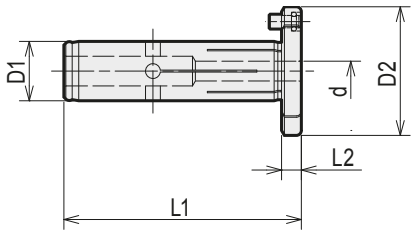
⚠ ACHTUNG: beachten Sie die Mindesteinspanntiefe

⚠ CAUTION : Strictly keep the min insertion length.

Bestellbeispiel | Ordering Example

ST16L - PHC03 - 50

Spannhülsen für PHC12 | Straight Collets for PHC12



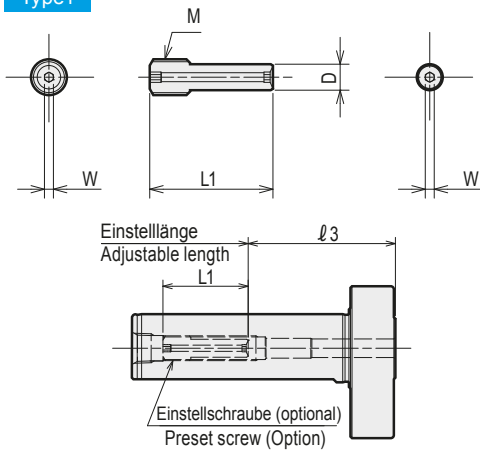
Halter Holder	Hülse Collet	D1	D2	L1	L2	d
PHC12	PHS12 - d - OH	12	26	48	4	03, 04, 05, 06, 07, 08, 09, 10
	PHS12 - d - C	12	26	48	4	03, 04, 05, 06, 07, 08, 09

PHS-OH: für innere Kühlmittelzufuhr | for inner coolant

PHS-C: für periphere Kühlmittelzufuhr | for side-through coolant

Einstellschrauben | Preset Screw

Type1

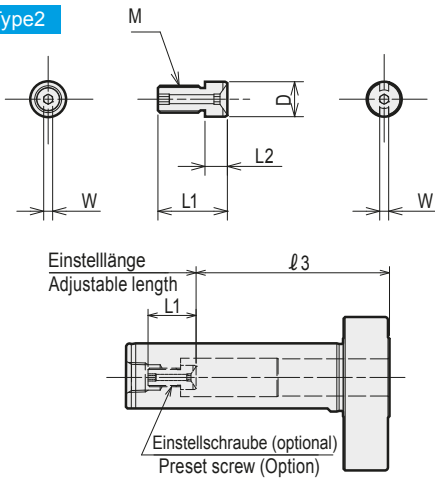


Schraube Screw	Type	L1	L2	D	W	M	Halter Holder
PHCL-P04-27.5	1	27.5	—	3.8	2	M8 P=1.25	PHC03 PHC04
PHCL-P06-27.5	1	27.5	—	5.8	2		PHC06
PHCL-P08-15.5	2	15.5	5	7.8	2		PHC08 PHC10 PHC12
PHCL-P08-20.5	2	20.5	10	7.8	2		
PHCL-P08-25.5	2	25.5	15	7.8	2		
PHCL-P08-30.5	2	30.5	20	7.8	2		
PHCL-P08-35.5	2	35.5	25	7.8	2		
PHCL-P08-40.5	2	40.5	30	7.8	2		

Bestellbeispiel | Ordering Example

PHCL - P04 - 27.5

Type2



Einstelllänge | Adjustment amount

Schraube Screw	passend für Matched chuck	Type	L1	l3
PHCL-P04-27.5	ST16L - PHC03 - 50	1	27.5	17 ~ 30
	- PHC04 - 50	1	27.5	19 ~ 30
	ST19.05L - PHC03 - 60	1	27.5	17 ~ 40
	- PHC04 - 60	1	27.5	19 ~ 40
	ST20L - PHC03 - 70	1	27.5	17 ~ 50
	- PHC04 - 70	1	27.5	19 ~ 50
PHCL-P06-27.5	ST22L - PHC03 - 70	1	27.5	17 ~ 50
	- PHC04 - 70	1	27.5	19 ~ 50
	ST16L - PHC06 - 50	1	27.5	27 ~ 30
	ST19.05L - PHC06 - 60	1	27.5	27 ~ 40
	ST20L - PHC06 - 70	1	27.5	27 ~ 50
	ST22L - PHC06 - 70	1	27.5	27 ~ 50

Schraube Screw	passend für Matched chuck	Type	L1 = 15.5	L1 = 20.5	L1 = 25.5	L1 = 30.5	L1 = 35.5	L1 = 40.5
			PHCL-P08- L1	ST16L - PHC08 - 50	2	35 ~ 42	30 ~ 37	27 ~ 32
	ST19.05L - PHC08 - 60	2	45 ~ 52	40 ~ 47	35 ~ 42	30 ~ 37	27 ~ 32	—
	ST19.05L - PHC10 - 60	2	49 ~ 52	44 ~ 47	39 ~ 42	34 ~ 37	—	—
	ST20L - PHC08 - 70	2	52 ~ 59	47 ~ 54	42 ~ 49	37 ~ 44	32 ~ 39	27 ~ 34
	ST19.05L - PHC10 - 70	2	56 ~ 62	51 ~ 57	46 ~ 52	41 ~ 47	36 ~ 42	33 ~ 37
	ST22L - PHC08 - 70	2	52 ~ 59	47 ~ 54	42 ~ 49	37 ~ 44	32 ~ 39	27 ~ 34
	ST19.05L - PHC10 - 70	2	56 ~ 62	51 ~ 57	46 ~ 52	41 ~ 47	36 ~ 42	33 ~ 37
	ST19.05L - PHC12 - 70	2	56 ~ 62	51 ~ 57	46 ~ 52	41 ~ 47	36 ~ 42	—
	ST25L - PHC08 - 70	2	52 ~ 59	47 ~ 54	42 ~ 49	37 ~ 44	32 ~ 39	27 ~ 34
	ST19.05L - PHC10 - 70	2	56 ~ 62	51 ~ 57	46 ~ 52	41 ~ 47	36 ~ 42	33 ~ 37
	ST19.05L - PHC12 - 70	2	56 ~ 62	51 ~ 57	46 ~ 52	41 ~ 47	36 ~ 42	—
	ST25.4L - PHC08 - 70	2	52 ~ 59	47 ~ 54	42 ~ 49	37 ~ 44	32 ~ 39	27 ~ 34
	ST19.05L - PHC10 - 70	2	56 ~ 62	51 ~ 57	46 ~ 52	41 ~ 47	36 ~ 42	33 ~ 37
	ST19.05L - PHC12 - 70	2	56 ~ 62	51 ~ 57	46 ~ 52	41 ~ 47	36 ~ 42	—