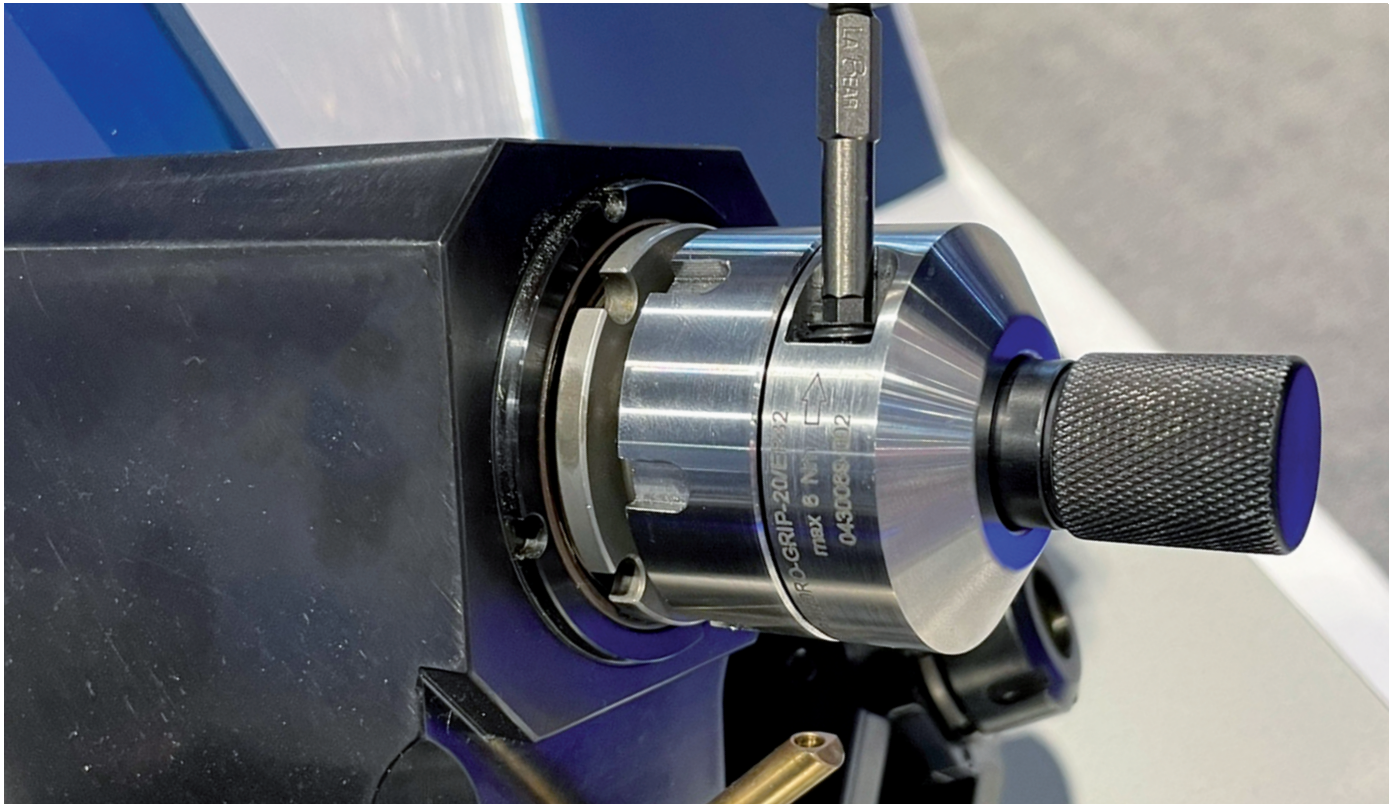


ETP ER PLUG & PLAY



Turn your lathe live ER chucks into quick change hydraulic chucks

With ETP ER you can easily turn your standard ER collet driven tools into high precision hydraulic holders. Thus you can easily enjoy all the positive benefits of hydraulic clamping such as easy handling and precision, at an impressive

competitive price level. This enables more users to benefit from decrease tool wear and increased productivity, when compared to using ER collet holders. Simply put it, just **Plug & Play!**



BENEFITS & FEATURES

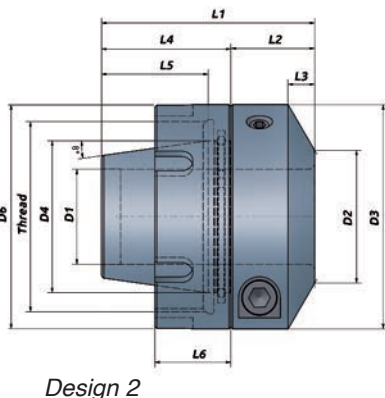
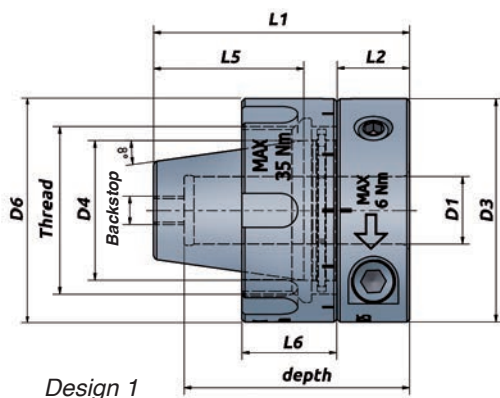
- Turn ER driven tools into hydraulic
- Easy handling and precision
- Excellent repeatability



NO MORE:

- Time-consuming tool changes
- Runout issues
- Limited clamping force

ETP ER PLUG & PLAY



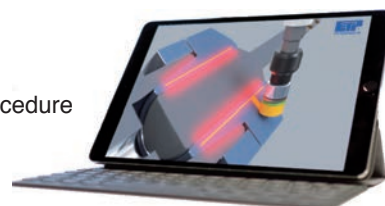
Simple mounting procedure

1. Mount the ETP ER in the output shaft and twist to seal
2. Tighten the thread nut to the recommended tightening torque



View video instruction

Scan the code to see the complete procedure how to mount your ETP ER holder!



Metric range

Technical Specification				Dimensions, mm										Internal thread nut		Transmittable torque	Features		Use Torque wrench			
Design	ER Size	Part no.	Description	D1	D2	D3	D4	L1	L2	L3	L4	L5	depth	D6	L6	Thread	Tt** Nm	T* Nm	Max.Runout mm	Backstop	Part no.	Tt*** Nm
1	16	671115	HYDRO-FIX-6/ER16	6	-	25	16	30	8	-	-	16	27.5	28	12	M22x1,5	25	12-22	0.01	M3	19070	2
1	16	671116	HYDRO-FIX-6/ERM16	6	-	25	16	30	8	-	-	16	27.5	25	12	M19x1	25	12-22	0.01	M3	19070	2
1	20	671125	HYDRO-FIX-6/ER20	6	-	28	20	36	9	-	-	21	27.5	30	12	M25x1,5	30	12-22	0.01	M3	19070	2
1	20	671126	HYDRO-FIX-6/ERM20	6	-	28	20	36	9	-	-	21	27.5	28	12	M24x1	30	12-22	0.01	M3	19070	2
1	25	671135	HYDRO-FIX-12/ER25	12	-	40	25	46	13	-	-	27	40.5	42	17	M32x1,5	35	60-125	0.01	M5	19055	6
1	25	671136	HYDRO-FIX-12/ERM25	12	-	40	25	46	13	-	-	27	40.5	40	17	M30x1	35	60-125	0.01	M5	19055	6
2	25	671130	HYDRO-GRIP-12/ER25	12	26	48	25	46	22	7	24	18	-	48	17	M32x1,5	35	50-90	0.02	No	19050	6
2	32	671150	HYDRO-GRIP-20/ER32	20	30	52	32	52	21.5	7	30.5	24.5	-	52	19	M40x1,5	40	230-370	0.02	No	19050	6
2	40	671160	HYDRO-GRIP-25/ER40	25	35	59	40	56	22	7	34	28	-	59	20	M50x1,5	50	420-600	0.02	No	19050	6

Inch range

Technical Specification				Dimensions, inch										Internal thread nut		Transmittable torque	Features		Use Torque wrench			
Design	ER Size	Part no.	Description	D1	D2	D3	D4	L1	L2	L3	L4	L5	depth	D6	L6	Thread	Tt** Nm	T* ft·lb	Max.Runout mm	Backstop	Part no.	Tt*** Nm
1	16	671210	HYDRO-FIX-1/4"/ER16	0.250	-	0.984	0.630	1.181	0.315	-	-	0.630	1.083	1.102	0.472	M22x1.5	25	8.8 - 16	0.01	M3	19070	2
1	16	671216	HYDRO-FIX-1/4"/ERM16	0.250	-	0.984	0.630	1.181	0.315	-	-	0.630	1.083	0.984	0.472	M19x1	25	8.8 - 16	0.01	M3	19070	2
1	25	671235	HYDRO-FIX-1/2"/ER25	0.500	-	1.575	0.984	1.811	0.512	-	-	1.063	1.594	1.654	0.669	M32x1.5	35	37 - 66	0.01	M5	19055	6
2	25	671230	HYDRO-GRIP-1/2"/ER25	0.500	1.024	1.575	0.984	1.811	0.512	0.276	1.063	1.063	-	1.890	0.669	M32x1.5	35	37 - 66	0.02	No	19050	6
2	32	671250	HYDRO-GRIP-3/4"/ER32	0.750	1.181	2.047	1.260	2.047	0.846	0.276	1.201	1.201	-	2.047	0.748	M40x1.5	40	170 - 273	0.02	No	19050	6
2	40	671260	HYDRO-GRIP-1"/ER40	1.000	1.378	2.323	1.575	2.205	0.866	0.276	1.339	1.339	-	2.323	0.787	M50x1.5	50	310 - 443	0.02	No	19050	6

*) T = Min. and Max transmittable torque using a h6 cylindrical tool, full depth insert.

***) Tt = Recommended tightening torque of the thread nut.

****) Tt = Recommended tightening torque of the pressure screw.

Information:

- Tool shank h6 or h7 can be used.
- Balanced by design. Max. 25 000 rpm.

Accessories:

Use preset torque wrench to ensure correct mounting of tools. See table above for Part no.



ETP ER can be used with reducing sleeves.