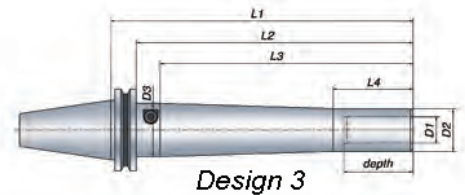
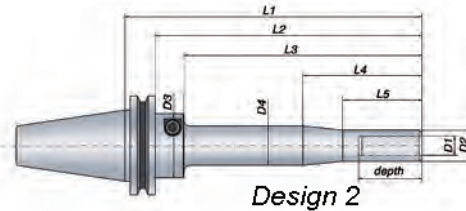
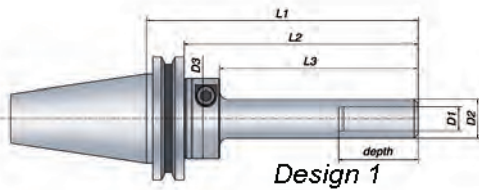




HYDRAULIC



**CAT 40
PENCIL CHUCK
SPECIAL
PROMOTION**



CAT 40 Pencil Chucks - Inch

Design	Taper	Part no.	Item Description	D1	D2	D3	D4	L1	L2	L3	L4	L5	depth	T* ft-lb	Weight kg	G 2.5 at rpm	Promo Price
1	40	683560-T	HG PENCIL-1/4" X 50/CAT40	0.250	0.472	1.575		3.465	2.715	1.969			1.575	13-20	1	25 000	\$440.00
1	40	683650-T	HG PENCIL-1/2" X 50/CAT40	0.500	0.768	1.575		3.465	2.715	1.969			1.575	55-105	1	25 000	\$376.00
1	40	683600-T	HG PENCIL-1/2" X 100/CAT40	0.500	0.768	1.575		5.433	4.683	3.937			1.575	55-105	1.1	15 000	\$413.00
3	40	683660-T	HG-PENCIL-3/4" X 110/CAT40	0.750	1.260	1.575		5.827	5.077	4.331	2.362		2.047	192-314	1.6	20 000	\$409.00
2	40	683610-T	HG-PENCIL-1/2" X 150/CAT40	0.500	0.768	1.575	0.965	7.402	6.652	5.906	2.953	1.969	1.575	55-105	1.4	10 000	\$482.00

CAT 40 Pencil Chucks - Metric

Design	Taper	Part no.	Item Description	D1	D2	D3	D4	L1	L2	L3	L4	L5	depth	T* Nm	Weight kg	G 2.5 at rpm	Promo Price
2	40	683610	HG PENCIL-12 X 150/CAT40	12	19.5	40	24.5	188	168.95	150	75	50	40	60-125	1.4	10 000	\$482.00
1	40	683600	HG PENCIL-12 X 100/CAT40	12	19.5	40		138	118.95	100			40	60-125	1.1	15 000	\$413.00
1	40	683560	HG PENCIL-6 X 50/CAT40	6	12	40		88	68.95	50			40	12-22	1	25 000	\$440.00
3	40	683660	HG PENCIL-20 X 110/CAT40	20	32	40		148	128.95	110	60		52	260-425	1.6	20 000	\$409.00
1	40	683650	HG PENCIL-12 X 50/CAT40	12	19.5	40		88	68.95	50			40	60-125	1	25 000	\$376.00

*Offer valid through 3/31/2020 Please add "ETP March Promo" to your PO to receive the special discount

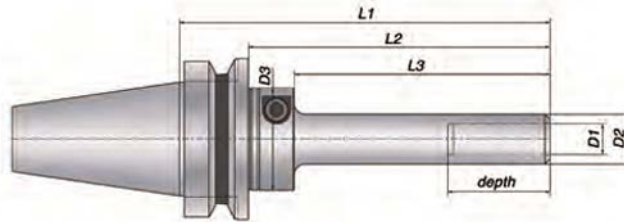
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HYDRAULIC



BT30 PENCIL CHUCK SPECIAL PROMOTION



BT30 Pencil Chucks - Inch

Design	Taper	Part no.	Item Description	D1	D2	D3	D4	L1	L2	L3	L4	L5	depth	T* ft-lb	Weight kg	G 2.5 at rpm	Promo Price
1	30	683060-T	HG PENCIL -1/2" X 50/BT30	0.250	0.472	1.575		3.543	2.677	1.969			1.575	13-20	0.6	25 000	\$ 379.00
1	30	683040-T	HG PENCIL -1/2" X 100/BT30	0.500	0.768	1.575		5.512	4.646	3.937			1.575	55-105	0.7	15 000	\$ 431.00

BT30 Pencil Chucks - Metric

Design	Taper	Part no.	Item Description	D1	D2	D3	D4	L1	L2	L3	L4	L5	depth	T* Nm	Weight kg	G 2.5 at rpm	Promo Price
1	30	683060	HG PENCIL -12 X 50/BT30	12	19.5	40		90	68	50			40	60-125	0.6	25 000	\$ 379.00
1	30	683040	HG PENCIL -12" X 100/BT30	12	19.50	40		140	118	100			40	60-125	0.7	15 000	\$ 431.00

*Offer valid through 3/31/2020 Please add "ETP March Promo" to your PO to receive the special discount

Information:

- runout accuracy ≤ 0.004 mm at $2.5 \times D1$ (max. 50 mm), ≤ 0.00016 inch at $2.5 \times D1$ (max. 1.969 inch)
- ≤ 0.007 mm at $2.5 \times D1$ at length $L1 > 125$ mm
- ≤ 0.00028 inch at $2.5 \times D1$ at length $L1 > 4.921$ inch
- tool shank h6 or h7 can be used
- Coolant through on all holders
- Bore for data carrier - available on request

Accessories:

Use preset torque wrench, 6 nm, to ensure correct mounting of tools. Part no. 19050.

ETP HYDRO-GRIP PENCIL can be used with reducing sleeve

