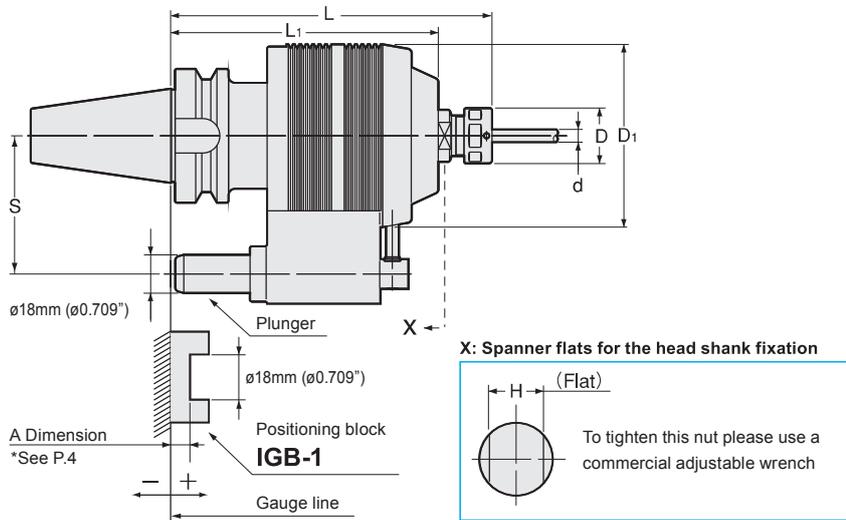


HP-H

Hyper Spindle (Speed Inserter)

- Enables high speed cutting operation by multiplying the machine spindle speed at the cutting edge. (Max30000min⁻¹)



Unit : Metric

Model	L	S	d	D	D1	L1	Nut	H	Gear Ratio	MAX min ⁻¹	kg	Collet	Spanner
BT40 or CAT40 -HP07H	-150	65	0.5 ~ 7.0	23	86	125	HDP-07A	16	1:5	30,000	3.4	FDC-07AA	S-0L
	-180	65	0.5 ~ 7.0	23	86	125	HDP-07A	16		30,000	3.5		
BT40 or CAT40 -HP09H	-150	65	2.6 ~ 9.0	26	86	125	HDP-09	21		30,000	3.4	FDC-09AA	S-1L
	-180	65	2.6 ~ 9.0	26	86	125	HDP-09	21		30,000	3.5		
BT40 or CAT40 -HP12H	-165	65	2.6 ~ 12.0	32	86	125	HDP-12	21		30,000	3.5	FDC-12AA	S-3L
	-180	65	2.6 ~ 12.0	32	86	125	HDP-12	21		30,000	3.6		
BT50 or CAT50 -HP07H	-150	80	0.5 ~ 7.0	23	86	125	HDP-07A	16	1:5	30,000	5.9	FDC-07AA	S-0L
	-180	80	0.5 ~ 7.0	23	86	125	HDP-07A	16		30,000	6.0		
BT50 or CAT50 -HP09H	-150	80	2.6 ~ 9.0	26	86	125	HDP-09	21		30,000	5.9	FDC-09AA	S-1L
	-180	80	2.6 ~ 9.0	26	86	125	HDP-09	21		30,000	6.0		
BT50 or CAT50 -HP12H	-165	80	2.6 ~ 12.7	32	86	125	HDP-12	21		30,000	6.0	FDC-12AA	S-3L
	-180	80	2.6 ~ 12.7	32	86	125	HDP-12	21		30,000	6.0		

- Collet and spanner are sold separately.
- When ordering please specify the plunger number (No.1-No.5)
- Plunger is adjustable. Please refer to the chart to the right.
- When you place an order for a positioning block with us, please provide us with the detailed information of your existing machine.
- Use AA class collets only.
- HP-H is not capable of center through coolant.

Plunger table					
Model	Plunger No. A				
	No.1	No.2	No.3	No.4	No.5
All Model	+24~+15.1	+15~+6.1	+6~-2.9	-3~-11.9	-12~-20.9

Ordering Example

BT40 - HP 07 H - 150 - 3
 Shank size Max. collet I.D. Projection length (L) Plunger No.

Max Rotational Speed and Chucking Accuracy

Model	Collet size	Speed Ratio	Max. speed	Chucking accuracy
HP07H	FDC07	1:5	30,000min ⁻¹ (M/C 6,000min ⁻¹)	10μm/4D (0.4μin/4D)
HP09H	FDC09			
HP12H	FDC12			

