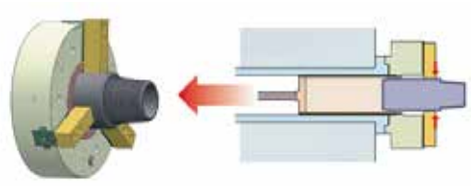
POWER CHUCK WITH EXTRA LARGE BORE THROUGH HOLE

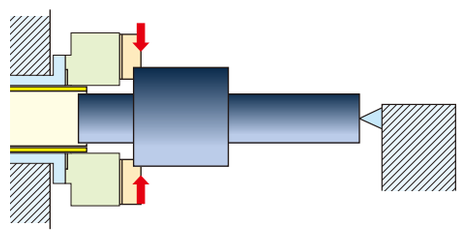
NHR SERIES

Optimal for short-length shaft machining

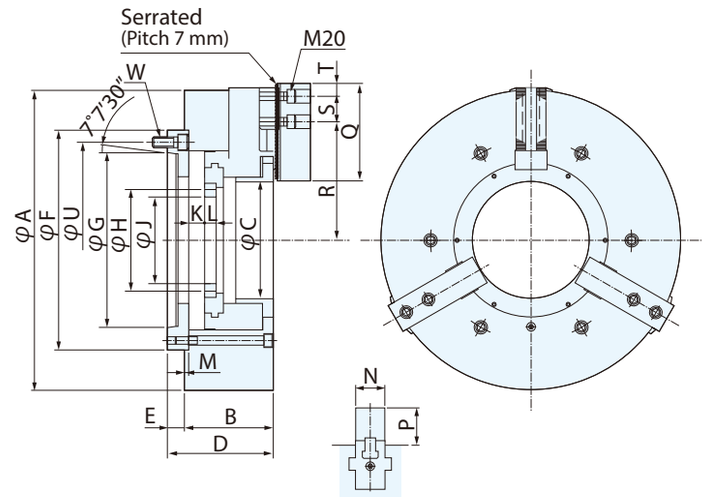


The workpiece is partialy stored in the spindle, and the nearby part to be machined is held firmly.

※For NHR 650, 760 and 810, the upper surface is not provided with T-slot, but TAP hole is adopted.



The end part of workpiece is stored in the chuck, and large diameter part is clamped so as to allow for stable machining. In addition, long shape workpiece can be machined with smaller machine.



Unit (mm)

MODEL	A	B	C	H MAX.	D	E	F	G A2-15	G A2-20	J	K	L	M	N	P	Q	R min.-max.	S
NHR 610×230	610	210	230※	M220	250	40	520	285.775	412.775	180	38	27	10	69	88	230	215-233	60
NHR 650×266	650	185	266	M270	227	42	520	285.775	412.775	165	40	35	8	69	88	230	217-255	60
NHR 710×277	710	210	277※	M270	250	40	520	285.775	412.775	206	38	27	10	69	88	230	239-280	60
NHR 760×266	760	185	266	M270	227	42	520	285.775	412.775	165	40	35	8	69	88	230	217-300	60
NHR 810×266	810	185	266	M270	227	42	520	285.775	412.775	165	40	35	8	69	88	230	218-325	60

MODEL	T	U A2-15	U A2-20	W A2-15	W A2-20	Jaw stroke (radius)	Cylinder stroke	Allowable CYD. Force kN	Max Gripping Force kN	Max. Rotation Speed min^{-1}	Weight kg A2-15	Weight kg A2-20
NHR 610×230	30	330.2	463.6	Divided equally into 6 portions - M24		9.3	35	63.7	118	850	510	495
NHR 650×266	30	330.2	463.6			9.3	35	88.2	196	1020	430	415
NHR 710×277	30	330.2	463.6			9.3	35	88.2	196	890	615	600
NHR 760×266	30	330.2	463.6			9.3	35	88.2	196	870	600	585
NHR 810×266	30	330.2	463.6			9.3	35	88.2	196	820	680	665

※ Caution for chucking workpiece by using thru-hole
Regarding NHR610-230 and NHR710-277, dimension C (Hole diameter at side of machine spindle) is smaller than dimension H (Hole diameter at side of workpiece chucking surface).
Depth of dimension C : NHR610-230...φ135 mm NHR710-277...φ117.5 mm