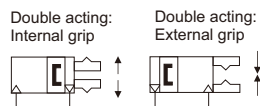




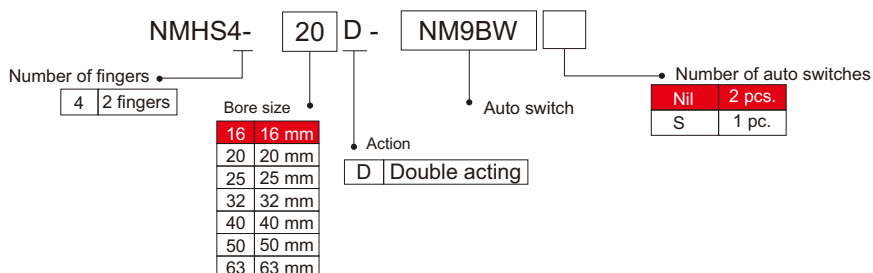
Symbol



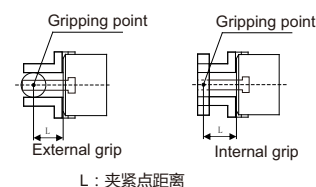
Standard Specifications

Model		NMHS4-16D	NMHS4-20D	NMHS4-25D	NMHS4-32D	NMHS4-40D	NMHS4-50D	NMHS4-63D
Cylinder bore size(mm)		16	20	25	32	40	50	63
Fluid		Air						
Operating pressure (Mpa)		0.2~0.6MPa			0.1~0.6MPa			
Ambient and fluid temperature (°C)		-10~60°C(Not frozen)						
Repeatability (mm)		±0.01mm						
Max. operating frequency (c.p.m.)		120c.p.m			60c.p.m			
Lubrication		Not required						
Action		Double acting						
Effective gripping force (N) at 0.5 MPa ^{nom}	External grip	10	19	31	55	88	140	251
	Internal grip	12	21	35	61	97	153	268
Opening/Closing stroke (mm) (dia.)		4	4	6	8	8	12	16
Weight (g)		66	110	154	300	390	590	1095

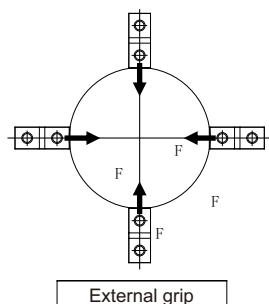
Standard Specifications



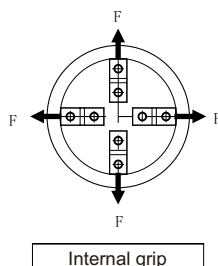
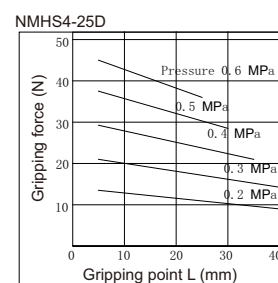
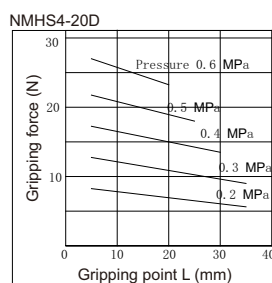
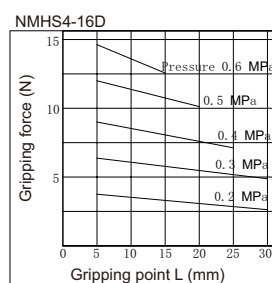
Gripping Point



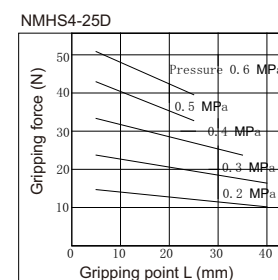
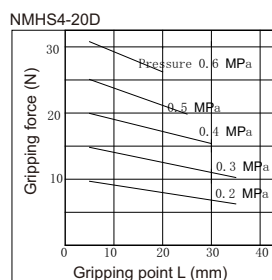
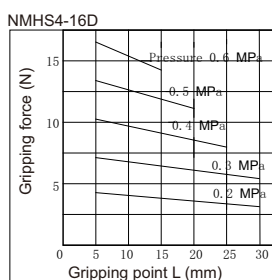
Effective Gripping Force



External Grip

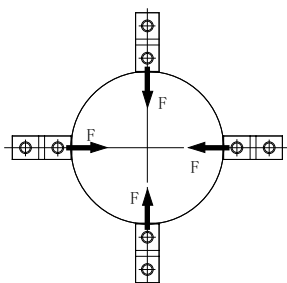


Internal Grip

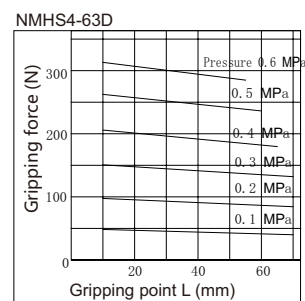
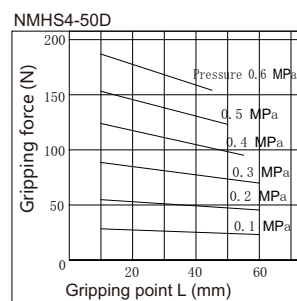
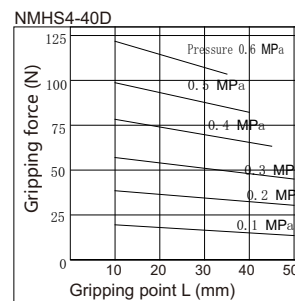
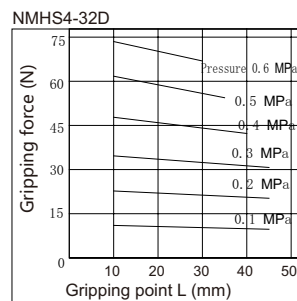


Effective Gripping Force

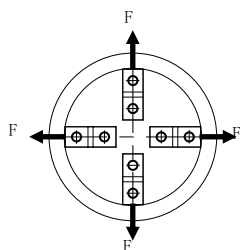
External Grip



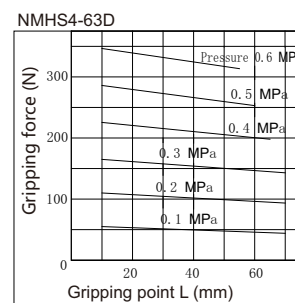
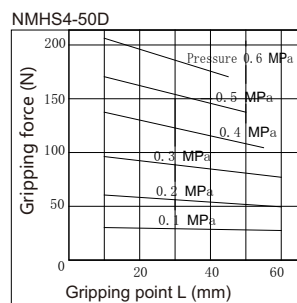
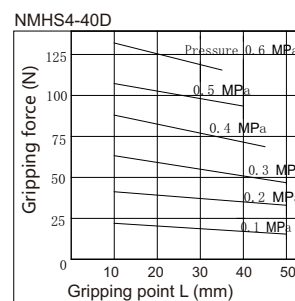
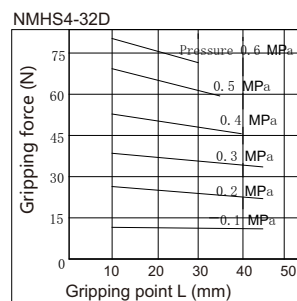
External Grip



Internal Grip

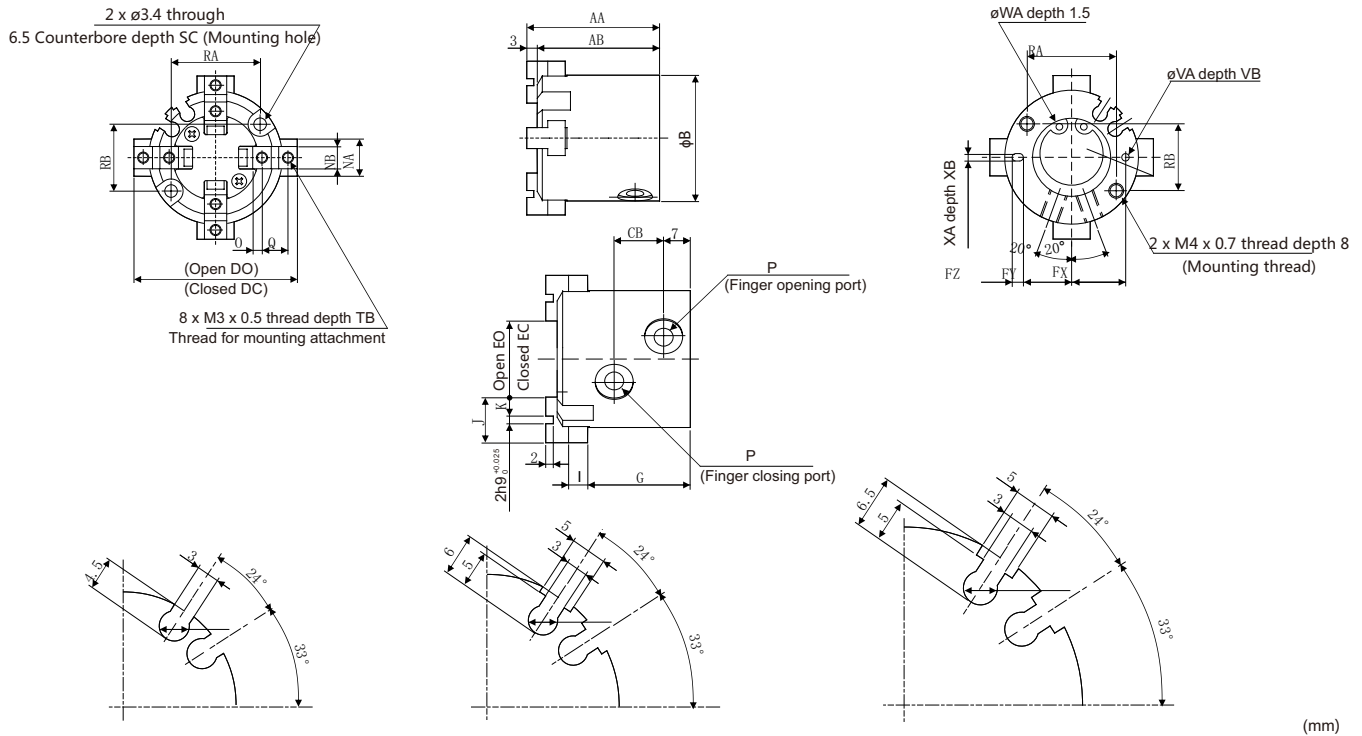


Internal Grip



Dimensions

NMHS4-□ Φ16D/Φ25D

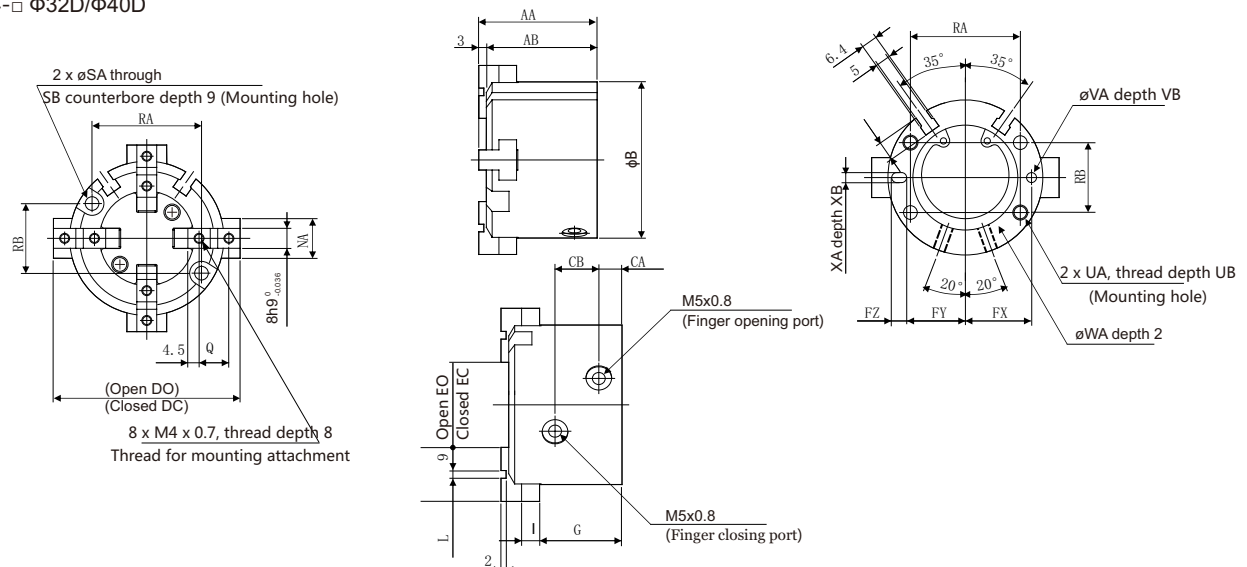


(mm)

Model	AA	AB	B	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	NA	NB
NMHS4-16D	35	32	30	11	33	37	13	17	12.5	11	3	25	4	10	4	8	5h9 ₀ ⁰ _{-0.030}
NMHS4-20D	38	35	36	13	39	43	15	19	14.5	13	3	27	5	12	5	10	6h9 ₀ ⁰ _{-0.030}
NMHS4-25D	40	37	42	15	48	54	20	26	17	14.5	5	28	5	14	6	12	6h9 ₀ ⁰ _{-0.030}

Model	O	P	Q	RA	RB	SC	TB	VA	XB	WA	XA	VB
NMHS4-16D	2	M3 x 0.5	6	18	16	8	5	2H9 ₀ ^{+0.025} ₀	2	17H9 ₀ ^{+0.043} ₀	2H9 ₀ ^{+0.025} ₀	2
NMHS4-20D	2.5	M5 x 0.8	7	24	18	9.5	6	2H9 ₀ ^{+0.025} ₀	2	21H9 ₀ ^{+0.052} ₀	2H9 ₀ ^{+0.025} ₀	2
NMHS4-25D	3	M5 x 0.8	8	26	22	10	6	3H9 ₀ ^{+0.025} ₀	3	26H9 ₀ ^{+0.052} ₀	3H9 ₀ ^{+0.025} ₀	3

NMHS4-□ Φ32D/Φ40D

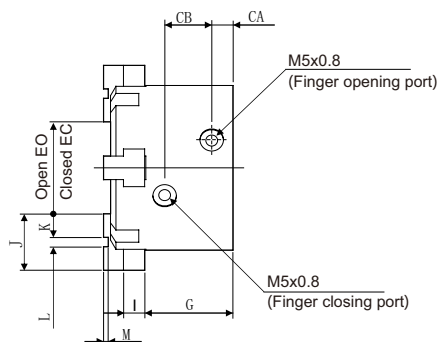
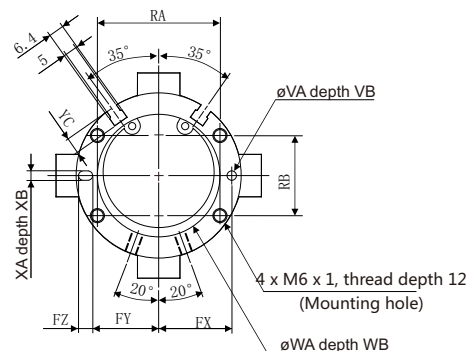
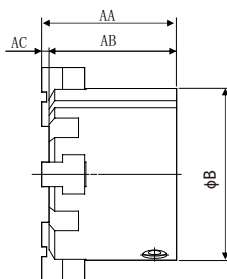
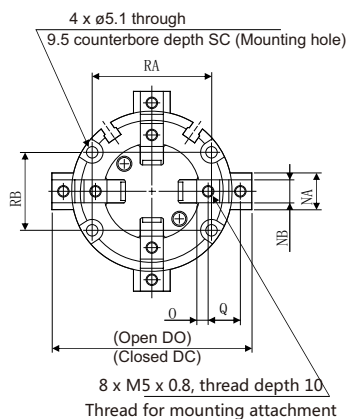


Model	AA	AB	B	CA	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	L
NMHS4-32D	44	41	56	8	16	60	68	20	28	23	20.5	5	30.5	6	20	2H9 ₀ ^{+0.025} ₀
NMHS4-40D	47	44	62	9	17	66	74	24	32	26.5	23.5	6	32	7	21	3H9 ₀ ^{+0.025} ₀

Model	NA	Q	RA	RB	SA	SB	UA	UB	VA	VB	WA	XA	XB
NMHS4-32D	14	11	38	25	4.5	8	M5 x 0.8	10	3H9 ₀ ^{+0.025} ₀	3	34H9 ₀ ^{+0.062} ₀	3H9 ₀ ^{+0.025} ₀	3
NMHS4-40D	16	12	44	28	5.5	9.5	M6 x 1	12	4H9 ₀ ^{+0.030} ₀	4	42H9 ₀ ^{+0.062} ₀	4H9 ₀ ^{+0.030} ₀	4

Dimensions

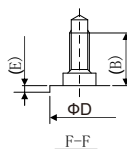
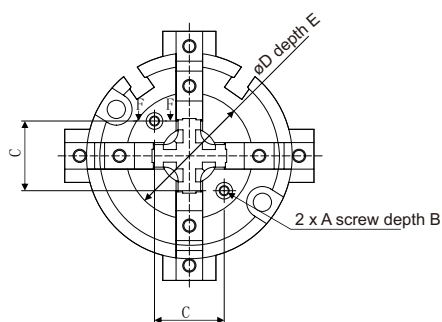
NMHS4-□ Φ50D/Φ63D



(mm)

Model	AA	AB	AC	B	CA	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	L
NMHS4-50D	55	52	3	70	9	20	74	86	26	38	31	28	6	37.5	9	24	10	4H9 ^{+0.030} ₀
NMHS4-63D	66	62	4	86	12	22	91	107	35	51	38	34.5	7	44	11	28	11	6H9 ^{+0.030} ₀

Model	M	NA	NB	O	Q	RA	RB	SC	VA	VB	WA	WB	XA	XB	YG
NMHS4-50D	2	18	10h9 ⁰ _{-0.036}	5	14	52	34	12	4H9 ^{+0.030} ₀	4	52H9 ^{+0.074} ₀	2	4H9 ^{+0.030} ₀	4	7
NMHS4-63D	3	24	12h9 ⁰ _{-0.043}	5.5	17	66	38	14	5H9 ^{+0.030} ₀	5	65H9 ^{+0.074} ₀	2.5	5H9 ^{+0.030} ₀	5	7.5



(mm)

Model	A	B	C	ϕD	E
NMHS4-16D	M2 x 0.4	5.5	11	21 ^{+0.1} ₀	0.5
NMHS4-20D		5.4	13	24 ^{+0.1} ₀	0.6
NMHS4-25D			15	27 ^{+0.1} ₀	
NMHS4-32D	M3 x 0.5	5.2	18	32 ^{+0.1} ₀	0.8
NMHS4-40D		8	21	38 ^{+0.1} ₀	1
NMHS4-50D			24	42 ^{+0.1} ₀	
NMHS4-63D			32	54 ^{+0.1} ₀	