

HYND-S

INCH
serration

Hydraulic front end chuck \varnothing 180 - 400 mm

- oil feed through spindle wall
- 3 and 4 jaws



Application/customer benefits

- Machining of bars/shafts
- Complete spindle bore can be used

HYND-S: Master jaws with INCH serration (1/16" x 90°)

Technical features

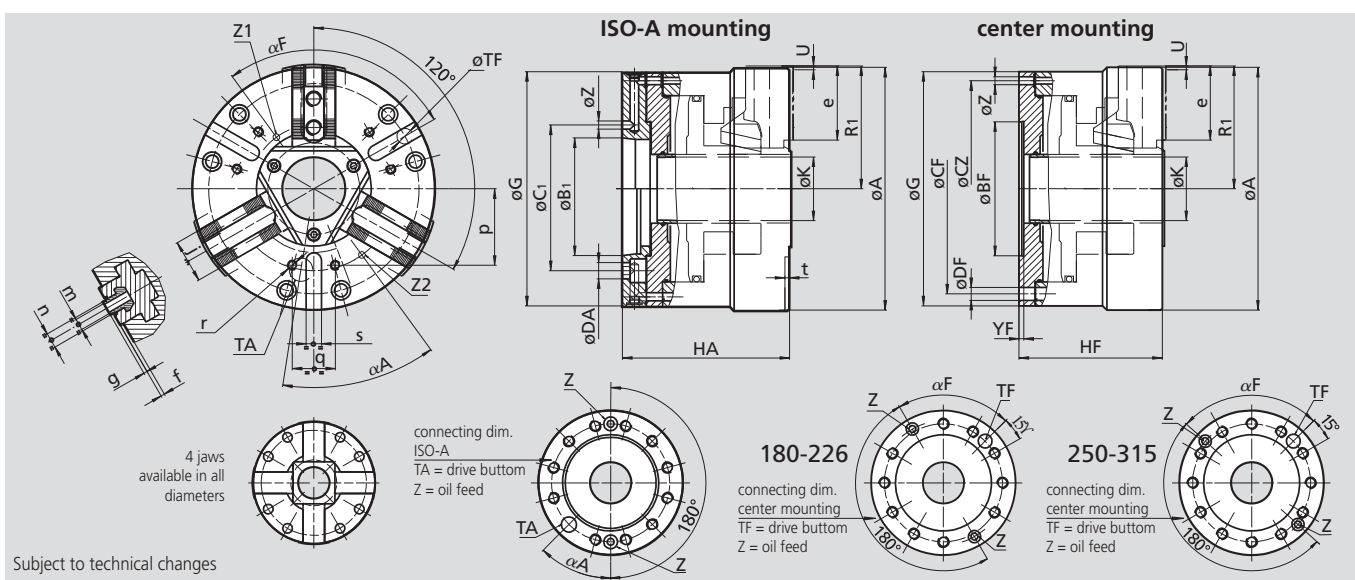
- Power chuck with big through hole, wedge hook design
- Built in cylinder with safty valves
- Chuck body case hardened
- Special mounting dimensions on request

Standard equipment

- 3 or 4 jaw chuck
- 1 set T-nuts with bolts
- 1 set of top jaws
- Mounting bolts
- Grease gun

Ordering example

- 3 jaw chuck HYND-S 210-53-3 A06
- or
- 4 jaw chuck HYND-S 250-66-4 Z140



Technical data

SMW-AUTOBLOK Type		HYND-S 180	HYND-S 210	HYND-S 226	HYND-S 250	HYND-S 315
Max. pressure	bar	20	25	22	25	22
Max. gripping force	kN	72	115	115	135	160
Max. speed	r.p.m.	5000	4200	4200	3600	3100
Moment of inertia	kg-m ²	0.09	0.18	0.22	0.40	0.85
Mass (without top jaws)	kg	20	31	34	48	70

Dimensions

Type	A	G	K	R ₁ open	U stroke	Z	e	f	g	j	m	n	p	q	r	s	t
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
HYND-S 180	180	180	53	90.5	3.5	7	49.5	5	2.5	30	M10	14	-	-	-	-	-
HYND-S 210	212	212	53	108	3.5	7	66	4	2.5	36	M12	17	80	28	M8	16	5
HYND-S 226	226	226	65	116	3.5	7	66	4	2.5	36	M12	17	90	36	M8	16	5
HYND-S 250	254	245	66	128.5	4	8.5	77.5	4	3.5	45	M16	21	80	45	M10	16	5
HYND-S 315	315	305	102	160.5	4.5	8.5	93	4	3.5	45	M16	21	100	60	M10	20	5

Dimensions of chucks with center mounting

Type	B _F H6	C _F	C _Z	D _F	H _F	Y _F	T _F	α _F	Mass
	mm	mm	mm	mm	mm	mm	mm	deg.	kg
HYND-S 180	140	163	165	9	119	6	8	45°	17
HYND-S 210	110	190	190	11	126	5	12	75°	27
HYND-S 226	140	206	206	11	129	5	12	75°	30
HYND-S 250	140	220	226	13.5	150	5	16	96°	42
HYND-S 315	140	262	280	17	160	5	16	96°	60

Dimensions of chucks with ISO-A mounting

Type	B _A J4	C _A	D _A	H _A	α _A
	mm	mm	mm	mm	deg.
HYND-S 180 A5	82.563	104.8	11.5	137	45°
HYND-S 180 A6	106.375	133.4	13.5	140	45°
HYND-S 210 A5	82.563	104.8	11.5	146	45°
HYND-S 210 A6	106.375	133.4	13.5	146	45°
HYND-S 226 A6	106.375	133.4	13.5	149	45°
HYND-S 250 A6	106.375	133.4	13.5	175	45°
HYND-S 250 A8	139.719	171.4	17	175	45°
HYND-S 315 A8	139.719	171.4	17	185	45°
HYND-S 315 A11	196.869	235	21	185	45°