



STEADY REST



STA

Self-Centering Steady Rest

160 P



STRA

Wide-Opening Self-Centering Steady Rest

162 P



STAB

side mounted cylinder Steady Rest

164 P

STA Self-Centering Steady Rest



Application

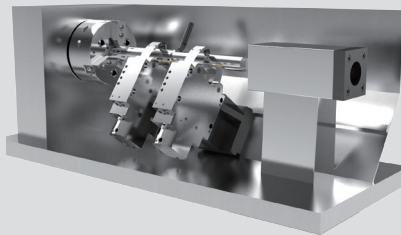
on lathes needing support for long bar and pipe

Technical features

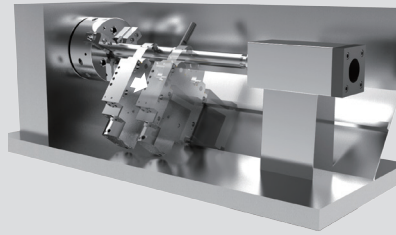
The arms and center rollers are interconnected and designed to self-adjust to various size workpieces

The mechanical design improves durability by eliminating the need for springs

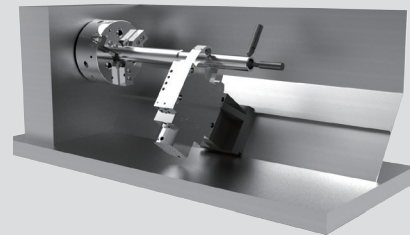
Fixed or Travelling Applications



Fixed Tandem Steady Rest



Travelling Steady Rest

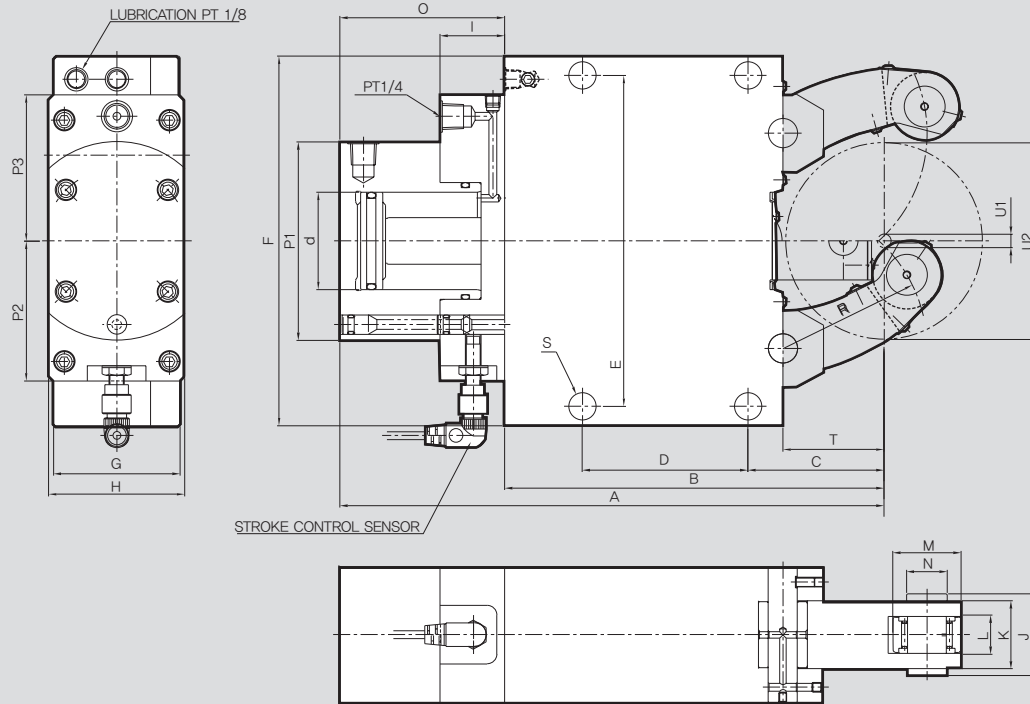


Fixed Steady Rest For End Machining

SPECIFICATIONS

	STA-1	STA-2	STA-3	STA-3.1	STA-3.2	STA-4	STA-5	STA-5.1	STA-6
Piston Area [cm ²]	7	19.6	50	50	50	78	78	78	132
Max. Clamping Force / Roller [kgf]	100	450	1000	1000	1000	1500	2000	2000	3000
Operation Pressure Max. [bar]	50	70	60	60	60	60	80	80	70
Operation Pressure Min. [bar]	6	8	8	8	8	8	8	8	8
Centering Range Max. [mm]	64	101	152	165	200	245	310	350	460
Centering Range Min. [mm]	4	8	12	20	50	30	45	85	125
Max. Roller Surface Speed [m/min]	800	800	725	725	725	715	700	700	700
Centering Accuracy [mm]	0.02	0.02	0.04	0.04	0.04	0.05	0.06	0.06	0.06
Repeatability Accuracy [mm]	0.005	0.005	0.007	0.007	0.007	0.007	0.01	0.01	0.01
Weight [kg]	6	14	39	40	43	92	152	155	420

STA



DIMENSIONS

	STA-1	STA-2	STA-3	STA-3.1	STA-3.2	STA-4	STA-5	STA-5.1	STA-6
A	207	279.5	429	437	455	608	697.5	717.5	944.5
B	137	195	311	319	335	448	510	530	709
C	51	70	115	123	138	146	178	198	215
D	64	85	135	135	135	240	270	270	330
E	118	170	262	262	262	365	400	400	640
F	132	190	290	290	290	400	440	440	680
G	55	70	85	85	85	110	145	145	145
H	70	68	100	100	100	144	144	144	158
I	33	33	37	37	37	37	37	37	37
J	24	42	52	52	52	67	83	83	83
K	20	35	45	45	45	60	75	75	75
L	12	19	25	25	25	25	29	29	29
M	19	35	47	47	47	52	62	62	80
N	6	21	25	25	25	32	36	36	42
O	70	84.5	118	118	120	160	187.5	187.5	235.5
P1	84	102	137	137	137	165	165	165	190
P2	66	72	90	90	90	102	102	102	115
P3	66	75	100	100	100	110	110	110	130
R	50.5	74	119	124	139	172	209	229	290
S	11	14	18	18	18	23	23	23	27
T	37	52	85	93	103	128	160	180	175
U1	4	8	12	20	50	30	45	85	125
U2	64	101	152	165	200	245	310	350	460

STRA Wide-Opening Self-Centering Steady Rest



Application

on lathes needing support for long bar and pipe for vertical loading

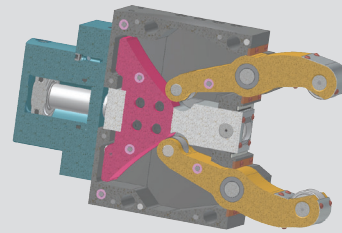
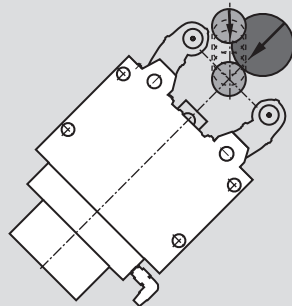
Technical features

The arms and center rollers are interconnected and designed to self-adjust to various size workpieces.

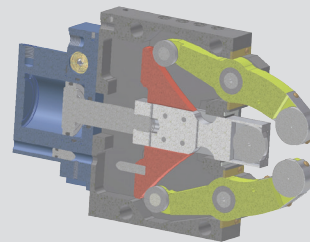
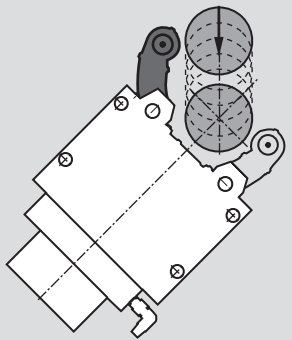
The mechanical design improves durability by eliminating the need for springs. Wide arm opening allows vertical loading and automation

Fixed or Travelling Applications

STA
Conventional model



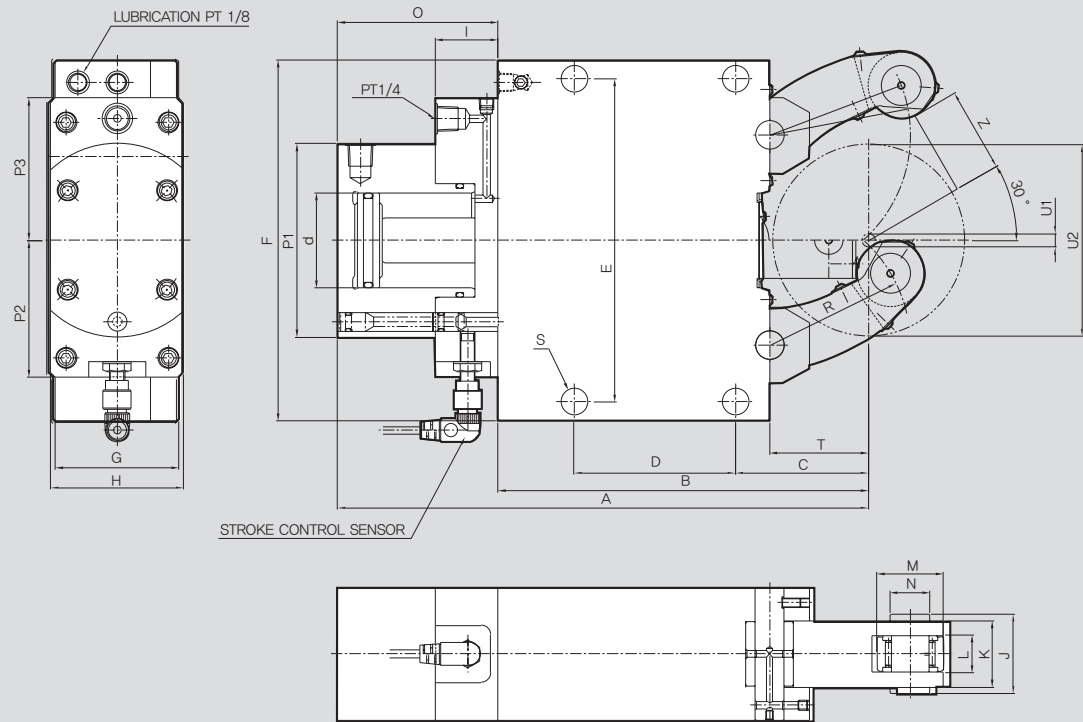
STRA
Wide arm opening allows vertical loading and automation



SPECIFICATIONS

	STRA-1	STRA-2	STRA-3	STRA-3.1	STRA-4	STRA-5	STRA-6
Piston Area [cm ²]	7	19.6	50	50	78	78	132
Max. Clamping Force / Roller [kgf]	100	450	1000	1000	1500	2000	3000
Operation Pressure Max. [bar]	50	70	60	60	60	80	70
Operation Pressure Min. [bar]	6	8	8	8	8	8	8
Centering Range Max. [mm]	52	80	130	150	220	268	460
Centering Range Min. [mm]	4	8	12	22	30	50	160
Max. Roller Surface Speed [m/min]	800	800	725	725	715	700	700
Centering Accuracy [mm]	0.02	0.02	0.04	0.04	0.05	0.06	0.06
Repeatability Accuracy [mm]	0.005	0.005	0.007	0.007	0.007	0.01	0.01
Weight [kg]	6	14	39	40	92	152	420

STRA



DIMENSIONS

	STRA-1	STRA-2	STRA-3	STRA-3.1	STRA-4	STRA-5	STRA-6
A	207	279.5	431	440	608	688.5	944.5
B	137	195	312	320	448	510	709
C	51	70	115	123	146	178	215
D	64	85	135	135	240	270	330
E	118	170	262	262	365	400	640
F	132	190	290	290	400	440	680
G	55	70	85	85	110	145	145
H	70	70	100	100	144	144	158
I	33	33	37	37	37	37	37
J	24	42	52	52	67	83	83
K	20	35	45	45	60	75	75
L	12	19	25	25	25	29	29
M	19	35	47	47	52	62	80
N	6	21	25	25	32	36	42
O	70	84.5	120	120	160	175	235.5
P1	84	102	137	137	165	165	190
P2	66	72	90	90	102	102	115
P3	66	75	100	100	110	110	130
R	50.5	74	119	124	172	209	290
S	11	14	18	18	23	23	27
T	37	52	85	93	128	160	175
Z	26.5	41	66	76	111	135	230
U1	4	8	12	22	30	50	160
U2	52	80	130	150	220	268	460

STAB Side Mounted Cylinder Steady Rest



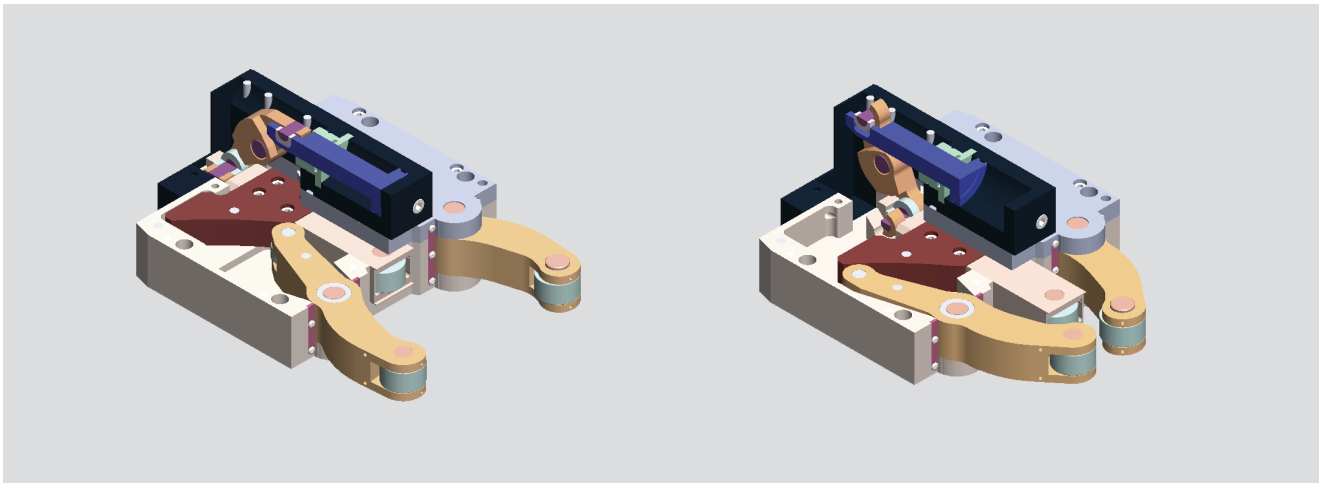
Application

Compact steady rest fits in machines with minimal clearance

Technical features

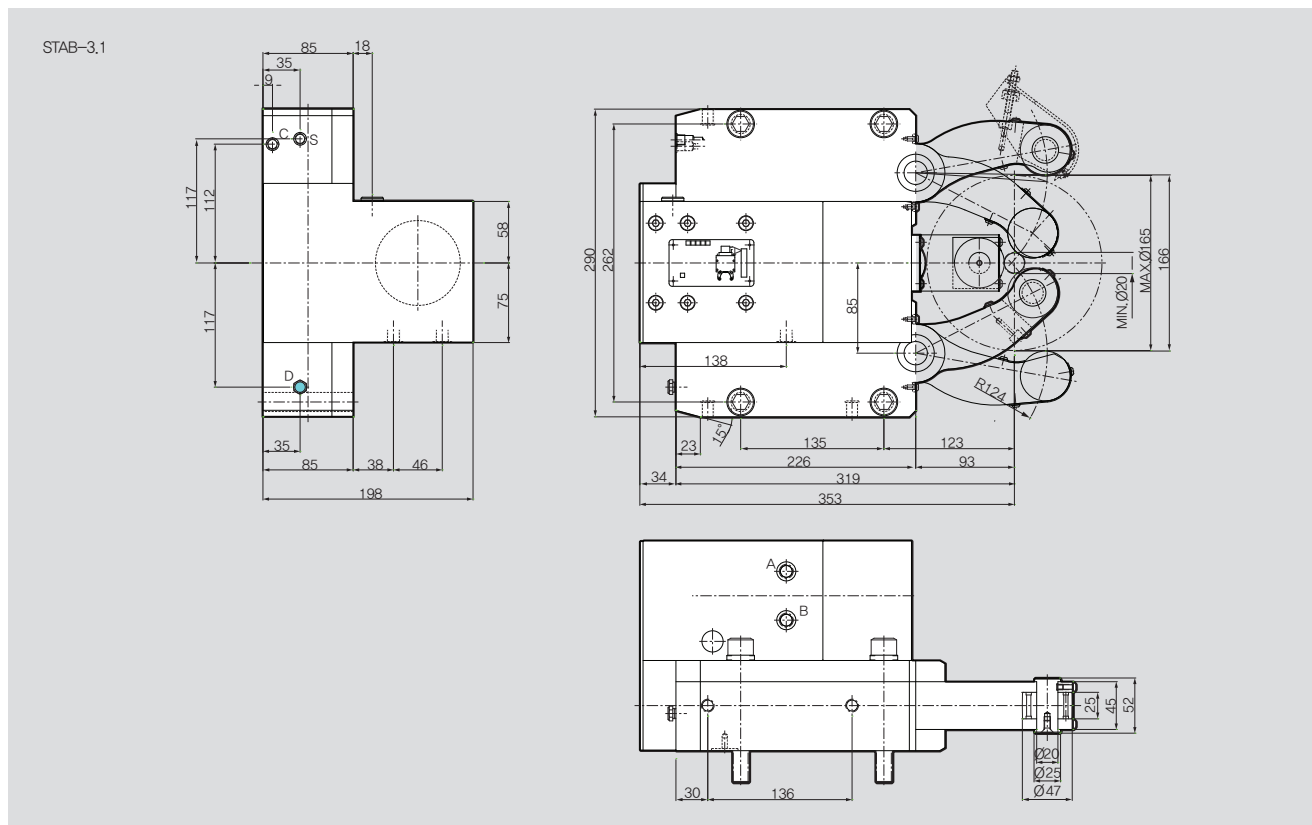
large centering ranges in relation to size

Fixed or Travelling Applications



SPECIFICATIONS

	STAB-3	STAB-3.1	STAB-4	STAB-5
Piston Area	50	50	78	78
Max. Clamping Force / Roller	1,000	1,000	1,500	2,000
Operation Pressure Max. [bar]	60	60	60	80
Operation Pressure Min. [bar]	8	8	8	8
Centering Range Max. [mm]	152	165	245	310
Centering Range Min. [mm]	11	20	35	50
Max. Roller Surface Speed	725	725	715	700
Centering Accuracy	0.04	0.04	0.05	0.06
Repeatability Accuracy	0.007	0.007	0.007	0.01
Weight	45	45	105	175



DIMENSIONS

	STAB-3	STAB-3.1	STAB-4	STAB-5
A	346	353	480	612.5
B	312	319	448	510
C	115	123	146	178
D	135	135	240	270
E	262	262	365	400
F	290	290	400	440
G	85	85	110	145
J	52	52	67	83
K	45	45	60	75
L	25	25	25	29
M	47	47	52	62
N	20	20	32	36
O	34	34	32	102.5
P2	75	75	68	85
P3	58	58	68	85
R	119	124	172	209
S	18	18	23	23
T	198	198	243.5	325
U1	11	20	35	50
U2	152	165	245	310
e	38	38	38.5	79.5
f	46	46	66	66
g	138	138	190	261