

Precisely Crafted **Live Centers**

■ Accuracy ■ Durability ■ Reliability



SuperTech Engineering Design and Build high-performance live centers excellent for precise turning, grinding, and inspecting a wide range of workpieces.



Diverse sealing structure to protect bearing space from coolant and dust.



Bearing

Precisely ground and loaded with high quality angular bearings



CNC

Designed for High RPM aimed with radial and axial load

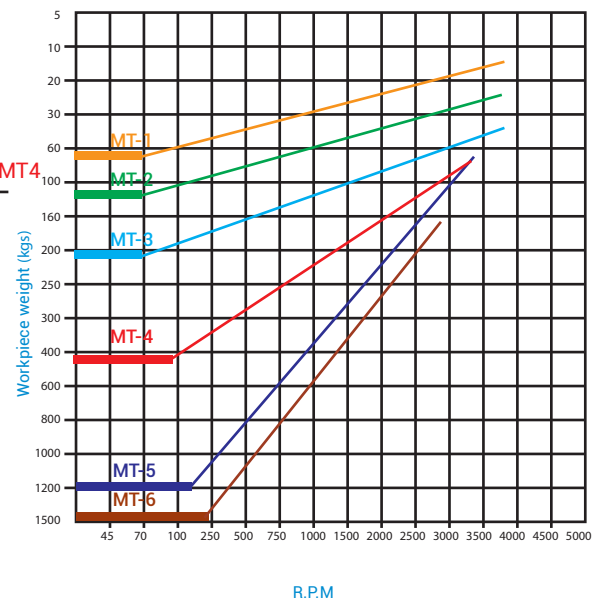
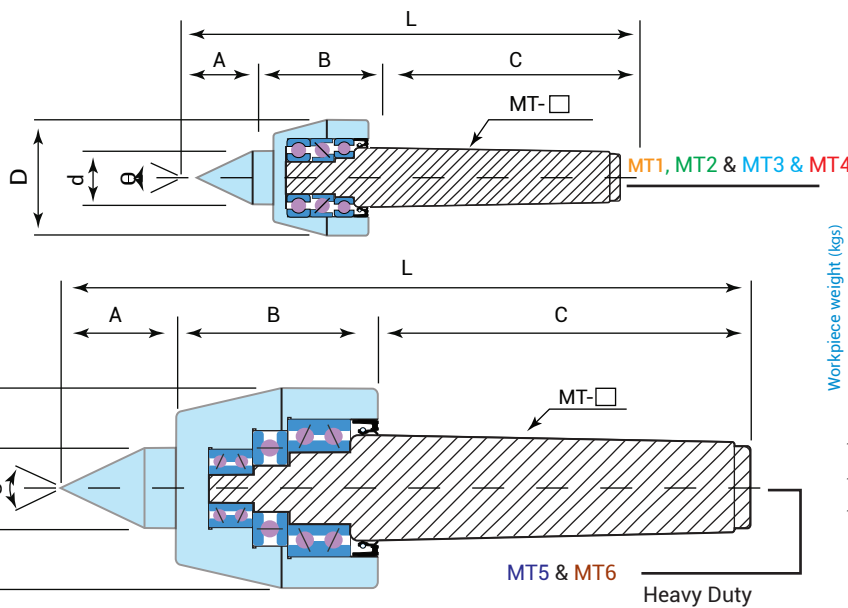
Revolving Body

Model-STRB

- One Piece Central revolving body is made of hardened alloy steel
- Precisely grind & seated with angular bearings
- Seal ring protects the bearings from coolant & dirt
- High Accuracy upto 0.005mm T.I.R
- Alloy Steel Treated 55 to 60 HRC



MT 1 2 3 4 5 6



Model No.	Morse Taper	A	B	C	D	d	L	Angle (°)	Workpiece Weight (kg)	R.P.M
STRB1	MT-1	21	36	56	42	16	113	60°	30	4000
STRB2	MT-2	26	46	69	47	22	141	60°	60	4000
STRB3	MT-3	32	46	86	50	26	164	60°	160	4000
STRB4	MT-4	34	46	108	50	30	188	60°	300	3500
STRB5	MT-5	50	62	136	68	45	253	60°	1200	3500
STRB6	MT-6	60	72	185	94	55	317	60°	1500	3000

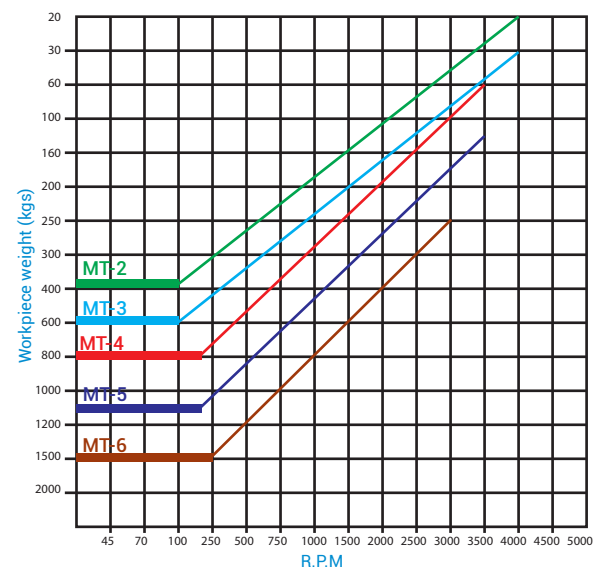
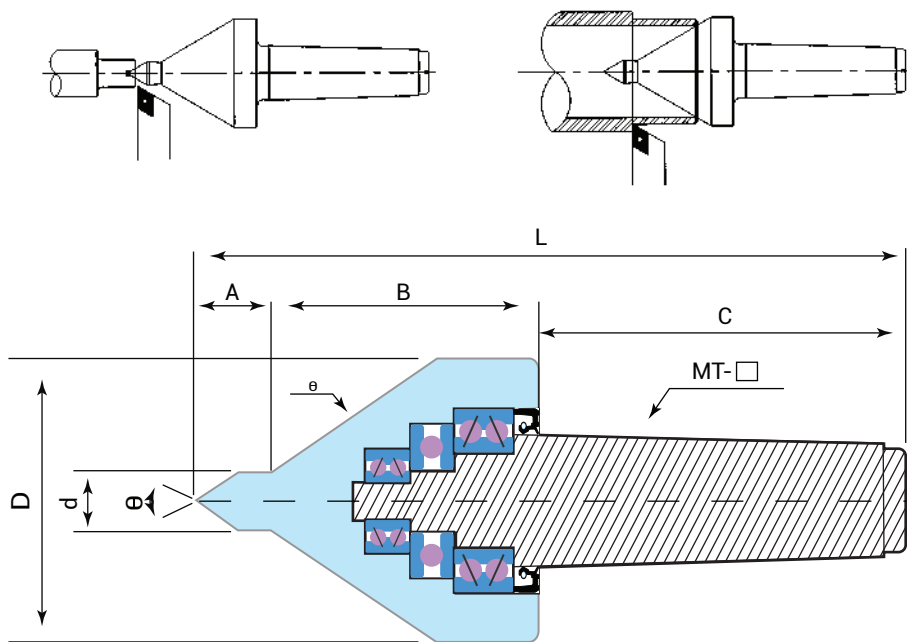
Multi-Use

Model-STMU

- Extended Front for parts with standard center holes
- Rear Bull-Head for pipes and parts with large center holes
- Provide excellent tool clearance
- Heavy Duty Tri Bearing Design
- High efficiency design with dual angular bearings
- High Accuracy upto 0.005mm T.I.R
- Alloy Steel, Hardened 55 to 60 HRC



MT 2 3 4 5 6



Model No.	Morse Taper	A	B	C	D	d	L	Angle (θ)	Workpiece Weight (kg)	R.P.M
STMU2	MT-2	24	78	69	70	16	171	60°	400	4000
STMU3	MT-3	24	78	86	70	16	188	60°	600	4000
STMU4	MT-4	29	85	108	80	19.5	222	60°	800	3500
STMU5	MT-5	29	95	136	90	19.5	260	60°	1100	3500
STMU6	MT-6	39	110	185	125	34.5	334	60°	1500	3000

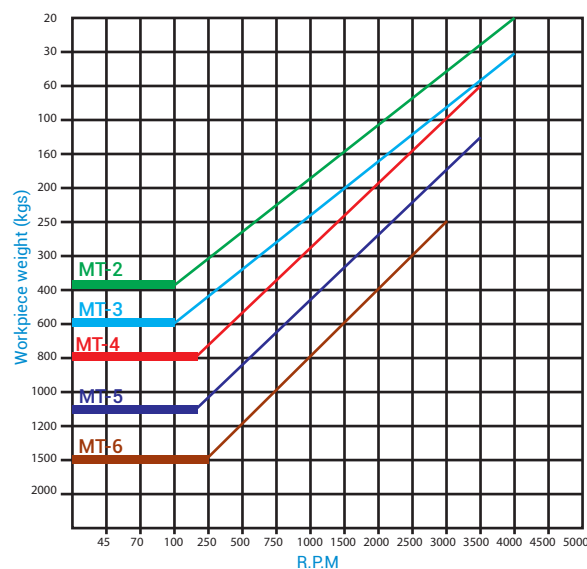
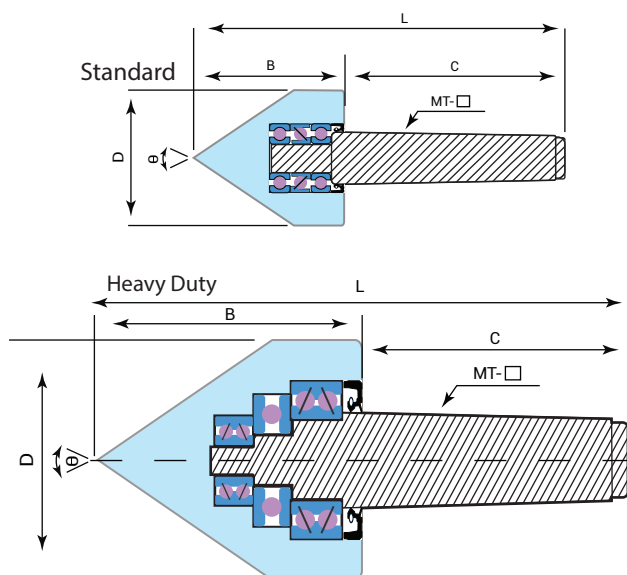
Pipe-Nose

Model-STPN

- One center fits a wide range of sizes
- Combination of Live Center & Pipe Center
- Ideal for use with Pipe, Tubing, & Thin Walled piece parts
- Precision concentricity 0.005mm T.I.R
- Hardened Alloy Steel HRC 55 to 60



MT 2 3 4 5 6



Model No.	Morse Taper	B	C	D	L	Angle (θ)	Workpiece Weight (kg)	R.P.M
Heavy Duty								
STPNH2	MT-2	100	69	70	169	60°	400	4000
STPNH3	MT-3	100	86	70	186	60°	600	4000
STPNH4	MT-4	110	108	80	218	60°	800	3500
STPNH5	MT-5	120	136	90	256	60°	1100	3500
STPNH6	MT-6	145	185	125	330	60°	1500	3000
Standard								
STPNS2	MT-2	80	69	56	149	60°	400	4000
STPNS3	MT-3	80	86	56	166	60°	600	4000
STPNS4	MT-4	80	108	56	188	60°	600	4000

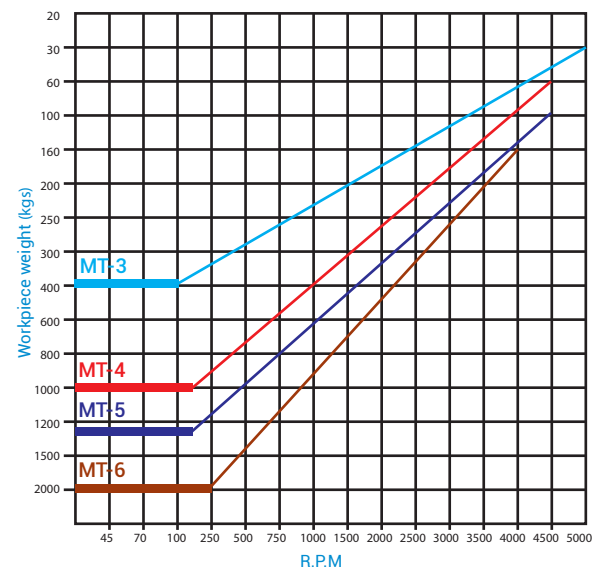
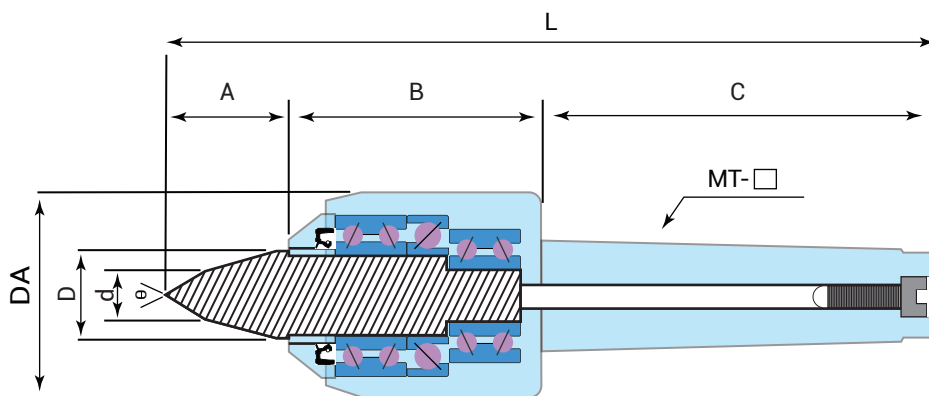
Long Nose

Model-STNC

- Ideal for turning operations requiring high R.P.M.
- High concentricity accuracy tested under axial load
- Three Angular contact bearings for superior performance
- Maintenance-free due to permanent lubrication
- Dual seal protection of bearings from coolant & dirt
- Concentricity deviation 0.005mm T.I.R
- Alloy Steel through hardened to 60 HRC



MT ☐ ☐ ☒ 3 ☒ 4 ☒ 5 ☒ 6

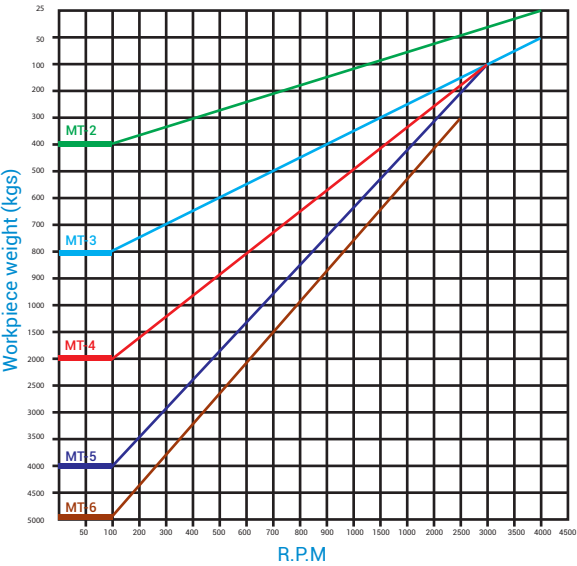
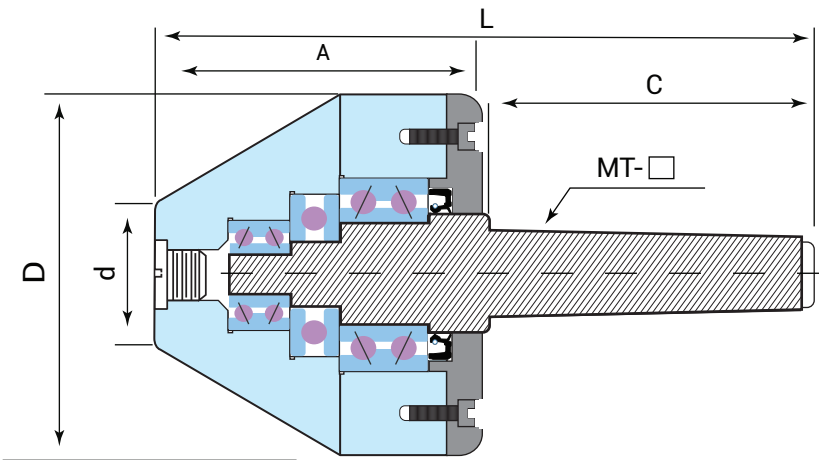


Model No.	Morse Taper	A	B	C	DA	D	d	L	Angle (θ)	Workpiece Weight (kg)	R.P.M
STNC3	MT-3	35	80	86	60	25	141	201	60°/40°	400	5000
STNC4	MT-4	44	90	108	80	35	164	242	60°/40°	1000	4500
STNC5	MT-5	44	90	136	80	35	220	270	60°/40°	1300	4500
STNC6	MT-6	54	115	185	95	45	253	354	60°/40°	2000	4000

Bull Nose

Model-STBN

- Design for machining heavy tubes & pipes
- Preloaded bearings to achieve good thrust and radial capacities
- Made from Alloy steel treated 55 to 60 HRC
- High Roud out Accuracy
- Truncated 60°, 70°, 75°, 80°, & 90° taper

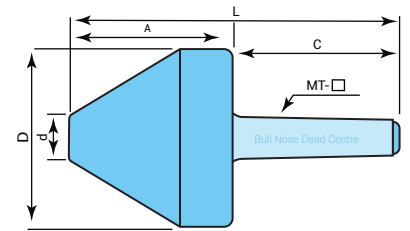
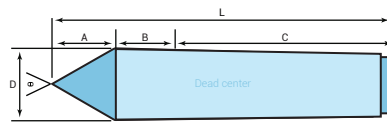
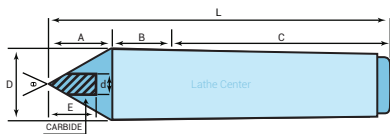


Model No.	Morse Taper	A	C	D	d	L	Angle (θ)	Workpiece Weight (kg)	R.P.M
STBN2	MT-2	72	69	70	25	141	60	400	4000
STBN3-3	MT-3	72	86	70	25	158	60	600	4000
STBN3-4	MT-3	80	86	112	50	166	70	600	2000
STBN3-5	MT-3	80	86	128	60	166	75	600	2000
STBN4-4	MT-4	110	108	112	45	218	60	900	3000
STBN4-5	MT-4	115	108	128	50	223	60	1200	2500
STBN4-6	MT-4	120	108	156	55	228	70	1500	2500
STBN4-8	MT-4	125	108	206	70	233	75	2000	2000
STBN5-4	MT-5	110	136	112	45	246	60	1500	3000
STBN5-5	MT-4	115	136	128	50	251	60	2000	2500
STBN5-6	MT-5	120	136	156	55	256	70	2500	2500
STBN5-8	MT-5	125	136	206	70	261	75	3000	2000
STBN5-10	MT-5	130	136	258	90	266	80	4000	2000
STBN5-12	MT-5	130	136	306	120	266	90	4000	2000
STBN6-6	MT-6	120	186	156	55	306	70	3500	2500
STBN6-8	MT-6	125	186	206	70	311	75	4000	2000
STBN6-10	MT-6	130	186	258	90	316	80	5000	2000
STBN6-12	MT-6	130	186	306	120	316	90	5000	2000

Fixed Centres

- Superior roundness and high product quality made from heat treated hardened high carbon alloy steel.
- Accuracy Guaranteed to 0.005mm T.I.R
- Hardness Rockwell C upto 60.

MT ☐ ☒ 2 ☒ 3 ☒ 4 ☒ 5 ☒ 6



Model No.	D	d	E	A	B	C	L	Angle (°)
STLC2	19	6	8	18	7	75	100	60
STLC3	25	8	10	24	10	91	125	60
STLC4	32	10	14	30	11	114	155	60
STLC5	46	14	18	39	16	145	200	60
STLC6	64	18	30	54	29	187	270	60

Custom designs also available for lathe centers

Model No.	D	A	B	C	L	Angle (°)
STDC-2	19	18	7	75	100	60
STDC-3	25	24	10	91	125	60
STDC-4	32	30	11	114	155	60
STDC-5	46	39	16	145	200	60
STDC-6	64	54	29	187	270	60

Custom designs also available for dead centers

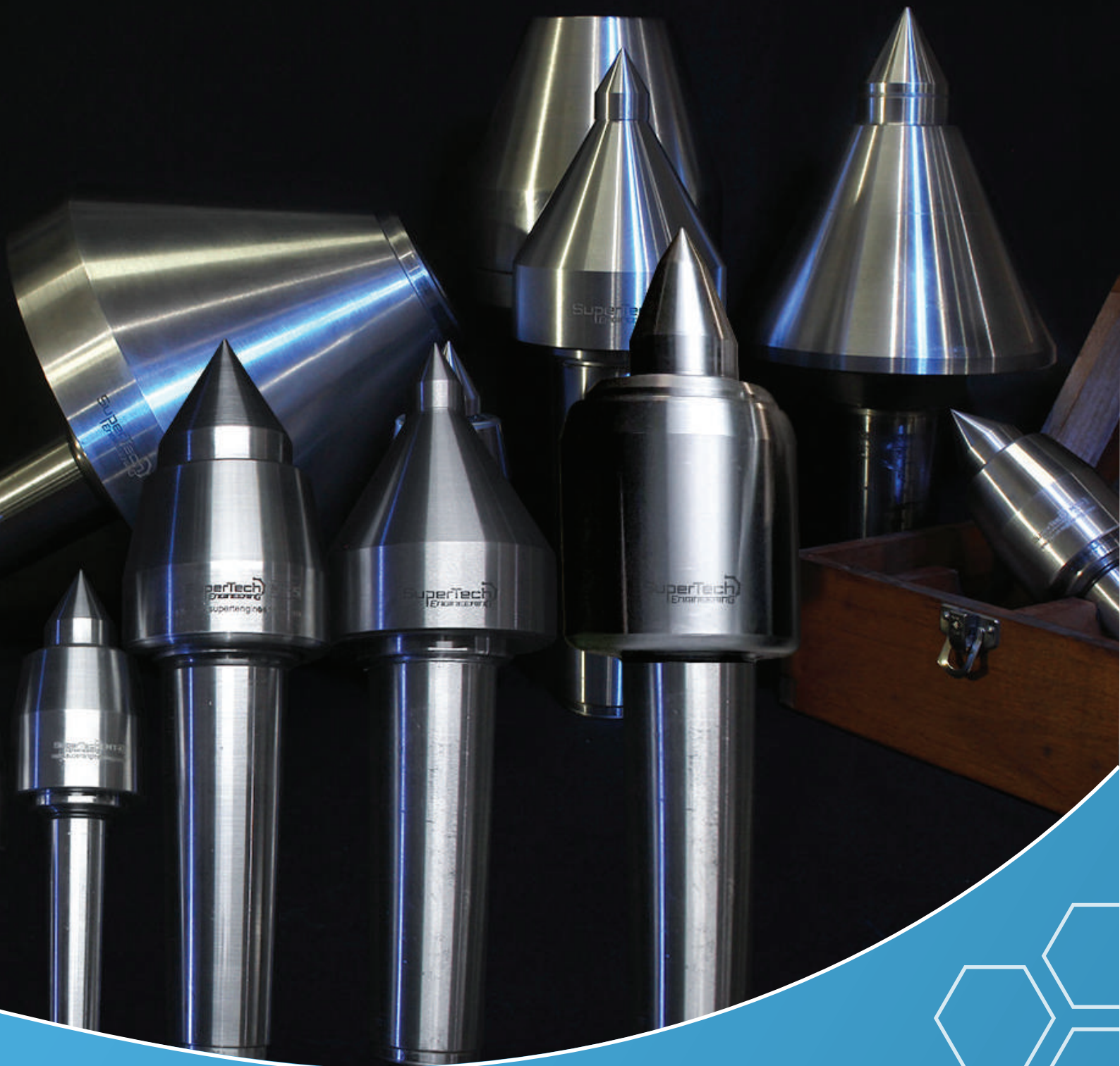
Model No.	A	C	D	d	L	Angle (°)
STBD-2	72	69	70	25	141	60
STBD-3	72	86	70	25	158	60
STBD-4	110	108	112	45	218	60
STBD-5	115	136	128	50	251	60
STBD-6	120	186	156	55	306	70

Custom designs also available for bull nose dead centers

CUSTOM DESIGNS

SuperTech Engineering also offers custom designing of Live & Fixed Centers according to specific industrial needs.





GET INTOUCH WITH US

HEAD OFFICE

☎ **+92330-1399199**

✉ info@superTengineering.com
supertengineering.pk@gmail.com

📍 Plot No. D-194, S.I.T.E, Karachi,
Karachi West Site Town, Pakistan.



www.stlivecenters.com
www.supertengineering.com

UAE OFFICE

☎ **+971567680669**

✉ info@superTengineering.com
supertengineering.pk@gmail.com

📍 P. O Box 65330 (DXB)

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IDEAS**
INTO REALITY