

# Simran Tools International

664, Military Road, Anand Parbat, New Delhi – 1100 05 (India).

E-mail : simrantools@vsnl.net

E-mail : info@simrantools.com

Website : www.simrantools.com

Mobile : 91-9313811414

Phone : 91-11-32913249

Fax : 91-11-25861340

## **INDUSTRIAL TOOLS / MACHINE TOOL ACCESSORIES**

### **(PART A) MACHINE ACCESSORIES**

1. Drill Chucks
2. Drill Chuck Key
3. Drill Drift
4. Drill Chucks Arbors (Taper Shank)
5. Straight Shank Arbors
6. Threaded Arbors
7. Threaded Shanks For Boring Heads
8. Blank Arbors
9. R-8 Drill Chuck Arbor
10. R-8 Morse Taper Adapters
11. Drill Sleeves
12. Extensions Sockets
13. Solid Sockets (Turret Sockets)
14. Dead Centres (Lathe Centres)
15. Live Centre / Revolving Centre (Tripple Bearing)
16. Econo Live Centres (Dual Bearing)
17. Precision Live Centre (Revolving Centre)
18. Precision Boring Heads
19. Integrated R-8 Shank Boring Head
20. Independent 4 Jaw Lathe Chucks (Dog Chuck)
21. Self Centring Lathe Chuck (Three Jaws)
22. Lathe Chucks Key
23. Safety Self Ejecting Lathe Chuck Keys
24. Lathe Carriers
25. T-Slot Cleaner
26. Bench Block
27. Machinist Jack (Light & Heavy)
28. Tap Guide – Spring Centre
29. Tap Guide – Knurled Body
30. Machine Hand Tap Guide



## 1. DRILL CHUCKS



- Key operated guided jaws type.
- Made from special steel.
- Screw rings Hardened and Ground.
- Key Hardened and Blacked.

ITEM NO.	CHUCK CAPACITY	CHUCK MOUNT
SDC-0001	0 – 6.5	1 J T
SDC-0002	0 – 6.5	3.8 – 24
SDC-0003	1.5 – 10	3.8 – 24
SDC-0004	1.5 – 10	1.2 - 20
SDC-0005	1.5 – 10	2 J T
SDC-0006	1.5 – 10	1.2 - 20
SDC-0007	1.5 - 13	1.2 - 20
SDC-0008	1.5 – 13	5.8 – 16
SDC-0009	0 - 13	6 J T
SDC-0010	3 - 16	1.2 - 20
SDC-0011	3 – 16	3 J T
SDC-0012	3 - 16	5.8 - 16
SDC-0013	5 - 20	3 J T
SDC-0014	5 - 20	5.8 - 16
SDC-0015	5 - 20	3.4 - 16

## 2. DRILL CHUCK KEY



- Made from Alloy steel.
- Hardened and black shiny finish.
- Available in different sizes.
- Available as per customer's specifications.

ITEM NO.	SIZE (INCH)
SDK-0030	1/4
SDK-0031	3/8
SDK-0032	1/2
SDK-0033	5/8
SDK-0034	3/4
SDK-0035	1



### 3. DRILL DRIFT



- Fully Hardened and Black finish.

ITEM NO.	DRIFT NO.	FITS NO. SOCKETS & SLEEVES
SDD-0050	1	1
SDD-0051	2	2
SDD-0052	3	3
SDD-0053	4	4 – 5 – 6

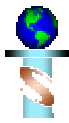
### 4. DRILL CHUCKS ARBORS (Taper Shank)



- Precision Ground to Master Gauges.
- Guarantee finest possible accuracy & fit.
- Individually packed.
- Available in Soft Type & Fully Hardened Type.

ITEM NO.	MORSE SHANK TAPER	JACOB BACK TAPER	ITEM NO.	MORSE SHANK TAPER	JACOB BACK TAPER
SDA-0055	0	0	SDA-0075	2	33
SDA-0056	0	1	SDA-0076	3	1
SDA-0057	0	2	SDA-0077	3	2
SDA-0058	0	3	SDA-0078	3	3
SDA-0059	0	6	SDA-0079	3	4
SDA-0060	0	33	SDA-0080	3	5
SDA-0061	1	0	SDA-0081	3	6
SDA-0062	1	1	SDA-0082	3	33
SDA-0063	1	2	SDA-0083	4	2
SDA-0064	1	3	SDA-0084	4	3
SDA-0065	1	4	SDA-0085	4	4
SDA-0066	1	6	SDA-0086	4	5
SDA-0067	1	33	SDA-0087	4	6
SDA-0068	2	0	SDA-0088	4	33
SDA-0069	2	1	SDA-0089	5	2
SDA-0070	2	2	SDA-0090	5	3
SDA-0071	2	3	SDA-0091	5	4
SDA-0072	2	4	SDA-0092	5	5
SDA-0073	2	5	SDA-0093	5	6
SDA-0074	2	6			

**While Placing Order Please Mention Soft Type or Hardened Type**



## 5. STRAIGHT SHANK ARBORS



ITEM NO.	SHANK DIAMETER	SHANK LENGTH	JACOB TAPER
SSA-0095	3/8"	2-1/2"	0
SSA-0096	3/8"	2-1/2"	1
SSA-0097	3/8"	2-1/2"	2
SSA-0098	1/2"	2-1/2"	0
SSA-0099	1/2"	2-1/2"	1
SSA-0100	1/2"	2-1/2"	2
SSA-0101	1/2"	2-1/2"	3
SSA-0102	1/2"	2-1/2"	4
SSA-0103	1/2"	2-1/2"	6
SSA-0104	1/2"	2-1/2"	33
SSA-0105	5/8"	2-1/2"	0
SSA-0106	5/8"	2-1/2"	1
SSA-0107	5/8"	2-1/2"	2
SSA-0108	5/8"	2-1/2"	3
SSA-0109	5/8"	2-1/2"	4
SSA-0110	5/8"	2-1/2"	6
SSA-0111	5/8"	2-1/2"	33
SSA-0112	3/4"	3"	0
SSA-0113	3/4"	3"	1
SSA-0114	3/4"	3"	2
SSA-0115	3/4"	3"	3
SSA-0116	3/4"	3"	4
SSA-0117	3/4"	3"	6
SSA-0118	3/4"	3"	33
SSA-0119	1"	3"	0
SSA-0120	1"	3"	1
SSA-0121	1"	3"	2
SSA-0122	1"	3"	3
SSA-0123	1"	3"	4
SSA-0124	1"	3"	5
SSA-0125	1"	3"	6
SSA-0126	1 1/4"	3"	33
SSA-0127	1-1/2"	4"	3
SSA-0128	1-1/2"	4"	4
SSA-0129	1-3/4"	4"	3
SSA-0130	1-3/4"	4"	4



## 6. THREADED ARBORS



ITEM NO.	SHANK SIZE	THREAD
STA-0141	Morse Taper No. 3	3/8 – 24
STA-0142	Morse Taper No. 3	1/2 – 20
STA-0143	Morse Taper No. 3	5/8 - 16
STA-0144	Morse Taper No. 2	3/8 - 24
STA-0145	Morse Taper No. 2	1/2 - 20
STA-0146	Morse Taper No. 2	5/8 - 16
STA-0147	Morse Taper No. 1	3/8 - 24
STA-0148	Morse Taper No. 1	1/2 - 20
STA-0149	1/2" Straight	1/2 - 20
STA-0150	1/2" Straight	3/8 - 24

## 7. THREADED SHANKS FOR BORING HEADS



SHANK TYPE	ITEM NO. FOR THREAD SIZE	
	7/8"-20	1-1/2"-18
R-8	STS-0160	STS-0170
MT-2	STS-0161	STS-0171
MT-3	STS-0162	STS-0172
MT-4	STS-0163	STS-0173
1/2" St	STS-0164	STS-0174
3/4" St	STS-0165	STS-0175
1" St	STS-0166	STS-0176
1-1/4" St	–	STS-0177
1-1/2" St	–	STS-0178



## 8. BLANK ARBORS



ITEM NO.	SHANK TAPER
SBA-0190	Morse Taper 1
SBA-0191	Morse Taper 2
SBA-0192	Morse Taper 3
SBA-0193	Morse Taper 4

## 9. R-8 DRILL CHUCK ARBOR



- Precision Ground to Master Gauges.
- Guaranteed Finest Possible accuracy and fit.
- Individually packed.

ITEM NO.	NO.	TO FIT DRILL CHUCK WITH FEMALE TAPER
SCA-0215	R8-1	1
SCA-0216	R8-2	2
SCA-0217	R8-3	3
SCA-0218	R8-4	4
SCA-0219	R8-6	6
SCA-0220	R8-33	33

## 10. R-8 MORSE TAPER ADAPTERS



- Guaranteed Concentric.
- Hardened and Ground.

ITEM NO.	MALE TAPER	FEMALE TAPER
SMA-0230	R8	Morse Taper No. 2
SMA-0231	R8	Morse Taper No. 3



## 11. DRILL SLEEVES



- Available in both Soft and Hard type.

SOFT TYPE	HARDENED TYPE	MORSE TAPER HOLE	MORSE TAPER OUTSIDE
ITEM NO.	ITEM NO.		
SDS-0245	SDS-0257	1	2
SDS-0246	SDS-0258	1	3
SDS-0247	SDS-0259	1	4
SDS-0248	SDS-0260	1	5
SDS-0249	SDS-0261	2	3
SDS-0250	SDS-0262	2	4
SDS-0251	SDS-0263	2	5
SDS-0252	SDS-0264	3	4
SDS-0253	SDS-0265	3	5
SDS-0254	SDS-0266	4	5
SDS-0255	SDS-0267	4	6
SDS-0256	SDS-0268	5	6

## 12. EXTENSION SOCKETS

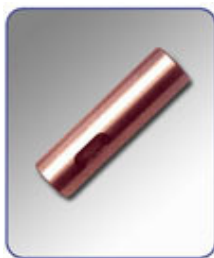


- Hardened & Ground internally & externally.

ITEM NO.	MORSE TAPER NO		OVERALL LENGTH (MM)
	OUTSIDE	INSIDE	
SES-0269	1	1	145
SES-0270	2	1	160
SES-0271	3	1	175
SES-0272	2	2	175
SES-0273	3	2	175
SES-0274	4	2	194
SES-0275	3	3	215
SES-0276	4	3	240
SES-0277	4	4	265



### 13. SOLID SOCKETS (Turret Sockets)



- Straight shank with morse taper hole.
- Hardened & ground.
- For holding MT shank tools in turrets & automatic lathes.

ITEM NO.	MORSE TAPER INSIDE HOLE	SHANK DIAMETER		SHANK LENGTH	
		INCH	MM	INCH	MM
STS-0280	MT 1	1	25	3-1/2	88
STS-0281	MT 1	1-1/4	32	3-1/2	88
STS-0282	MT 1	1-1/2	38	3-1/2	88
STS-0283	MT 2	1	25	4	100
STS-0284	MT 2	1-1/4	32	4	100
STS-0285	MT 2	1-1/2	38	4	100
STS-0286	MT 2	1-3/4	44	4	100
STS-0287	MT 2	2	50	4	100
STS-0288	MT 3	1-1/4	32	4-3/4	120
STS-0289	MT 3	1-1/2	38	4-3/4	120
STS-0290	MT 3	1-3/4	44	4-3/4	120
STS-0291	MT 3	2	50	4-3/4	120
STS-0292	MT 4	1-1/2	38	6	150
STS-0293	MT 4	1-3/4	44	6	150

### 14. DEAD CENTRES (Lathe Centres)



- Made of Carbon Steel, Hardened & Ground.

PLAIN ITEM NO.	CARBIDE TIPPED ITEM NO.	MT	TOTAL LENGTH	
			INCH	MM
SLC-0305	SLC-0312	0	2-7/8	73
SLC-0306	SLC-0313	1	3-5/16	84
SLC-0307	SLC-0314	2	4-3/16	105
SLC-0308	SLC-0315	3	5-1/4	130
SLC-0309	SLC-0316	4	6-3/4	170
SLC-0310	SLC-0317	5	8-1/2	215
SLC-0311	SLC-0318	6	11-3/4	295



## 15. LIVE CENTRE / REVOLVING CENTRE (Triple Bearing)



- Consists of Three anti-friction Steel bearings. One needle roller bearing, one thrust ball bearing and one deep groove ball bearing.
- Well lubricated to protect against contaminants and coolants.
- Hardened and Ground (60-62 HRC) Steel with 60° tip angle.
- Run out within .0002" (.005 mm).
- Bearings are Pre- loaded and pressed to avoid starting loads.

ITEM NO.	MORSE TAPER	POINT DIAMETER		BODY DIAMETER		OVERALL LENGHT	
		INCH	MM	INCH	MM	INCH	MM
SRC-0321	MT2	27/32	21	2	50	6	150
SRC-0322	MT3	15/16	24	2-3/8	60	7-1/4	185
SRC-0323	MT4	1-1/8	28	2-1/2	62	8-5/8	220
SRC-0324	MT5	1-1/2	36	3	75	10-1/4	260
SRC-0325	MT6	2-1/4	56	4	100	14	355

## 16. ECONO LIVE CENTRES



- Made of Hardened and Ground high Carbon Steel.
- Hardness on Tip 55 to 62 HRC.
- Consists of two 'anti-friction' Bearings.
- Single row deep groove Ball Bearing and Taper Roller Bearing to absorb combined radial and thrust loads.

ITEM NO.	MORSE TAPER	BODY DIA		POINT DIA		OVERALL LENGHT	
		INCH	MM	INCH	MM	INCH	MM
SEC-0335	MT 1	1-5/16	34	11/16	18	4-3/4	120
SEC-0336	MT 2	2	50	27/32	21	5-7/8	148
SEC-0337	MT 3	2-5/16	60	15/16	24	7-1/4	185
SEC-0338	MT 4	2-1/2	63	1-1/8	28	8-5/8	220
SEC-0339	MT 5	3	75	1-1/2	36	10-1/4	260
SEC-0340	MT 6	4	100	2-1/8	53	14	355

## 17. PRECISION LIVE CENTRE (Revolving Centre)



- Hardened and ground with 60° point.
- Speed capacity up to 2500 RPM.
- One double row Ball Bearing , one Thrust Bearing and one Needle Roller Bearing.
- Run out within .0002" (.005 mm).

ITEM NO.	MORSE TAPER	BODY DIA		DIA OF POINT		LENGTH OF POINT	
		INCH	MM	INCH	MM	INCH	MM
SEC-0350	MT2	1-5/8	40	15/16	24	1-3/32	28
SEC-0351	MT3	1-7/8	47	1-1/2	38	1-7/16	36
SEC-0352	MT4	2-3/16	55	1-11/16	44	1-11/16	43
SEC-0353	MT5	2-3/4	70	2-1/8	55	2	51



## 18. PRECISION BORING HEADS



- Machined from High Grade Steel with tool blocks Hardened and Ground.
- Ideal for mill or Jig bore operations.
- Non-Reflecting Satin Chrome Body allows easy reading and adjustment.
- Threaded back for interchangeable Shanks.
- Features .0005" graduation on dial for accurate hole sizing.

ITEM NO.	ITEM NO. WITH R-8 SHANK	HEAD DIA.	THREAD SIZE	OVERALL LENGTH	MAX OFF SET	CENTER DISTANCE B/W HOLES	CROSS VERTICAL HOLE SIZE
SPB-0365	SPB-0375	2"	7/8" x 20	2-13/32"	5/8"	5/8"	1/2"
SPB-0366	SPB-0376	2"	1-1/2" x 18	2-13/32"	5/8"	5/8"	1/2"
SPB-0367	SPB-0377	3"	1-1/2" x 18	3-5/32"	1"	15/16"	3/4"
SPB-0368	SPB-0378	4"	1-1/2" x 18	3-3/4"	1-5/8"	1-1/4"	1"

## 19. INTEGRATED R-8 SHANK BORING HEAD



- Integrated Shank for maximum rigidity.
- Hardened and Ground body.
- Black oxidised finish.
- Cross and Vertical Hole dia 1/2".
- Offset travel 3/4".

ITEM NO.	HEAD DIAMETER	OVERALL LENGTH	GRADUATION
SIS-0388	2-1/2"	7-3/16"	.0005"

## 20. INDEPENDENT 4 JAW LATHE CHUCKS (Dog Chuck)



- Independent 4 jaws lathe chuck have each jaw mounted on a thread spindle allowing independent adjustment.
- Hardened solid jaws.
- Sizes up to 32".
- Flat back.

ITEM NO.	SIZE	
	INCH	MM
SIJ-0400	4	100
SIJ-0401	6	160
SIJ-0402	8	200
SIJ-0403	10	250
SIJ-0404	12	300
SIJ-0405	14	350
SIJ-0406	16	400
SIJ-0407	20	500
SIJ-0408	24	600
SIJ-0409	30	750



## 21. SELF CENTRING LATHE CHUCK (Three Jaws)



- Used for universal application.
- Scrolls are forged balanced and hardened.
- All supplied with two sets of solid jaws internal and external stepped.

ITEM NO.	CHUCK SIZE
SCL-0420	80 MM
SCL-0421	85 MM
SCL-0422	100 MM
SCL-0423	125 MM
SCL-0424	160 MM
SCL-0425	200 MM
SCL-0426	250 MM
SCL-0427	315 MM
SCL-0428	400 MM

## 22. LATHE CHUCK KEYS



- Hardened and Tempered.
- Black Finish.
- Can also be supplied in Metric sizes.

ITEM NO.	SIZE OF SQUARE
SLK-0440	15/64"
SLK-0441	9/32"
SLK-0442	15/32"
SLK-0443	1/4"
SLK-0444	5/16"
SLK-0445	3/8"
SLK-0446	7/16"
SLK-0447	1/2"
SLK-0448	9/16"
SLK-0449	5/8"
SLK-0450	11/16"
SLK-0451	3/4"
SLK-0452	1"



## 23. SAFETY SELF EJECTING LATHE CHUCK KEYS



- Hardened and Tempered.
- Prevents damage to your Expensive Machines.
- Heavy-duty construction.
- Fits all make chucks.

ITEM NO.	SIZE OF SQUARE		OVERALL LENGTH	
	INCH	MM	INCH	MM
SLK-0465	7/32	5.60	2-3/8	60
SLK-0466	1/4	6.35	3-1/2	90
SLK-0467	9/32	7.00	3-1/2	90
SLK-0468	9/32	7.00	4-1/2	115
SLK-0469	5/16	8.00	4-1/2	115
SLK-0470	3/8	9.50	3	75
SLK-0471	3/8	9.50	5-1/2	140
SLK-0472	13/32	10.40	3-3/4	95
SLK-0473	13/32	10.40	5-3/4	145
SLK-0474	13/32	10.40	8-1/8	205
SLK-0475	13/32	10.40	12	305
SLK-0476	7/16	11.20	6	150
SLK-0477	15/32	12.00	8-1/16	205
SLK-0478	1/2	12.70	5-1/8	130
SLK-0479	1/2	12.70	8-1/16	205
SLK-0480	1/2	12.70	11	280
SLK-0481	1/2	12.70	14-5/8	370
SLK-0482	1/2	12.70	18-1/2	470
SLK-0483	9/16	14.30	5-1/8	130
SLK-0484	9/16	14.30	8-9/16	215
SLK-0485	9/16	14.30	9-7/16	240
SLK-0486	9/16	14.30	11-1/16	280
SLK-0487	9/16	14.30	13-13/16	350
SLK-0488	9/16	14.30	17	430
SLK-0489	9/16	14.30	18-9/16	470
SLK-0490	5/8	16.00	10-1/4	260
SLK-0491	11/16	17.50	12	300
SLK-0492	3/4	19.00	9-7/8	250



## 24. LATHE CARRIERS



- Made of robust and rigid construction for maximum strength.
- Supplied in both straight and bent shapes.

ITEM NO.	STRAIGHT TAIL		ITEM NO.	BENT TAIL	
	CAPACITY			CAPACITY	
	INCH	M.M.		INCH	M.M.
SLR-0510	1/4	6	SLR-0530	1/4	6
SLR-0511	3/8	10	SLR-0531	3/8	10
SLR-0512	1/2	13	SLR-0532	1/2	13
SLR-0513	3/4	20	SLR-0533	3/4	20
SLR-0514	1	25	SLR-0534	1	25
SLR-0515	1-1/4	32	SLR-0535	1-1/4	32
SLR-0516	1-1/2	40	SLR-0536	1-1/2	40
SLR-0517	1-3/4	45	SLR-0537	1-3/4	45
SLR-0518	2	50	SLR-0538	2	50
SLR-0519	2-1/4	55	SLR-0539	2-1/4	55
SLR-0520	2-1/2	65	SLR-0540	2-1/2	65
SLR-0521	2-3/4	70	SLR-0541	2-3/4	70
SLR-0522	3	75	SLR-0542	3	75
SLR-0523	3-1/4	80	SLR-0543	3-1/4	80
SLR-0524	3-1/2	90	SLR-0544	3-1/2	90
SLR-0525	4	100	SLR-0545	4	100
SLR-0526	4-1/2	115	SLR-0546	4-1/2	115
SLR-0527	5	125	SLR-0547	5	125
SLR-0528	6	150	SLR-0548	6	150

## 25. T-SLOT CLEANER



- Widely used product.
- Every Machine and Machinist needs one.
- 5-1/8" (130 mm) long and 1-1/4" (32 mm) wide.
- Black Shiny Finish.

ITEM NO. - STC-0570



## 26. BENCH BLOCK



- Can accommodate round and various other shapes on the V groove.
- Suitable for holding work when drilling.
- Hardened and ground.

ITEM NO.	BLOCK DIAMETER		BLOCK HEIGHT		BLOCK HOLES	
	INCH	MM	INCH	MM	INCH	MM
SBB-0575	3	75	1-1/2	38	1/8 to 5/8	3 to 15

## 27. MACHINIST JACK

### (A) MACHINIST JACK (Light)



- Made of heavy cast steel.
- Adjustable screw and tilting swivel head.
- Has 1" adjustment.

ITEM NO. - SMJ-0580

### (B) MACHINIST JACK (Heavy)



- Base is made of heavy cast steel with adjustable screw with lock nut for permanent positioning.
- Has 1" adjustment.
- Overall length 3" when closed.

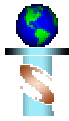
ITEM NO. - SMJ-0585

## 28. TAP GUIDE - SPRING CENTRE



- Spring Centre is made of Precise ground Alloy Steel.
- Point hardened to 50-55 HRC. For execution the centre's body is to be gripped in a drill chuck or Collet while hardened point is inserted into the center of the tapping handle.
- The stroke of centre will follow the tap assuring straight and accurate hand tapped threads.
- One Universal size for all tapping application.

ITEM NO. - STG-0590



## 29. TAP GUIDE - KNURLED BODY



- Knurled for easy Handling.
- 1/2" Dia. Hardened Shank.
- 3/16" Dia. Hardened Tension Pin. Adjustable Tension Spring.
- Reversible Tension Pin for male and female hole centering of tap.
- With this tool you start every tap straight.
- Packed in an attractive Plastic Pouch.

ITEM NO. - SKB-0595

## 30. MACHINE HAND TAP GUIDE



- Provides Sensitive feel for Hand tapping Small Holes on Milling Machines, Drilling Presses and Lathes.
- Starts every hole straight and prevents tap breakage.
- Shank Dia. 3/8", Handle Dia. 1".
- 0 to No. 12 Tap Capacity.

ITEM NO. - SHT-0600