

CNC TOOLING (Annexure-A)			
	Specifications	Size	Total Qty.
1	Hydraulic chuck with HSK 63A coupling. Balanced up to 15000 rpm. Run out 0.003mm. Low tightening torque.	ID 32mm Gauge plain length : 120 mm	5
2	Collets suitable for item at Sr. No. 1	ID 6,8,10,12,14,16,20,25 mm (2 each)	16
3	Hydraulic chuck with HSK 63A coupling. Balanced up to 15000 rpm. Run out 0.003mm. Low tightening torque.	ID 25 mm Gauge plain length : 125 mm	5
4	Collets suitable for item at Sr. No.3	ID 6,8,10,12,14,16,20mm (2 each)	14
5	Collet chuck holder ER 32, HSK 63A	ER-32 Gauge plain length : 80mm	1
6	Collet chuck holder ER 32, HSK 63A	ER-32 Gauge plain length : 120mm	1
7	Collet chuck holder ER 32, HSK 63A	ER-32 Gauge plain length : 160mm	1
8	Collets suitable for item at Sr. No. 5,6,7.	ER-32 ID. 2,3,4,5,6,7,8,9,10,11,12,13, 14,15,16,17,18,19,20 mm (2 each)	38
9	Side lock End mill Chuck Holder HSK63A with 2 bolts clamping.	ID 16,20,25,32,40mm (One each)	5
10	Face Mill Holder HSK63 A	For milling cutter bore dia 22mm (One each)	1
11	Index able Face Mill Cutter dia. 63mm, medium pitch	Common cutter suitable for Square, Octagonal and Round inserts.	1
12	Inserts suitable for item at sr. no. 11	Square Inserts	20
		Octagonal Inserts	20
		Round Inserts	20
		Wiper Inserts	10
13	High feed Milling Cutter with 2 insert pocket suitable for 4 cutting edge screw mounted inserts.	Dia : 18mm, Shank Size dia : 16mm	1
14	High feed Milling Cutter with 4 insert pocket suitable for 4 cutting edge screw mounted inserts,	Dia : 22mm, Shank Size dia : 20mm	1

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15	High feed milling inserts. Suitable for item at Sr. No.13 & 14	4 Cutting edge.	40
16	Long projection slim Hydraulic Chuck HSK 63A	ID.25 Gauge Plain Length 175mm or above	1
17	Double Station Precision Vice compatible for Intermediate jaws & Prismatic Jaws.	Jaw width 150mm or more Jaw opening 260mm or more. Tightening Torque=100+Nm	1
18	Intermediate Jaws Prismatic Jaws Click Parallel Normal Height Click Parallel Lower Height (Suitable for item at Sr. No:17)	2 pcs. 2 Sets One Set One Set	
19	Square shoulder Mill Cutter for screw mounted triangular Inserts	Dia : 16mm, Shank Size dia : 16mm Length: 80mm (One) Length: 140 mm(One)	2
20	Inserts suitable for Sr. No. 19	Triangular Inserts.	40
21	Long edge milling cutter for Triangular Insert, 4 flutes	Dia : 50mm Max Depth of cut (ap) : 50+ mm	1
22	Inserts suitable for item at Sr. No. 21	Triangular Inserts	40

Note: All inserts are carbide material and suitable for Steel Machining.

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