Price INR

2013

KTA SPINDLE TOOLINGS

" SILVER " SERIES PRECISION TOOL HOLDERS FOR CNC MACHINES

HSK DIN 69893 - 1 FORM A

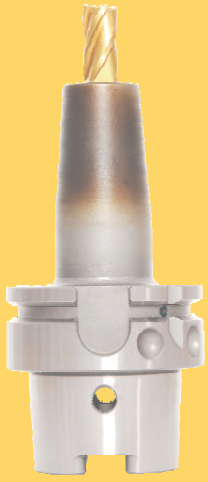
NEW

Features :

- Special Material with Tensile strength inthe Core Min 950 N/mm^2.
- Case Hardened to 58 / 60 HRC.
- Complete 'SILVER' Finish.
- Cone Angle AT3 Class according to DIN-2080
- Concentricity within 0.005 mm Max.
- Balanced To 6.3 G 20,000 RPM















Manufacturing Facility at KTA Pune Works





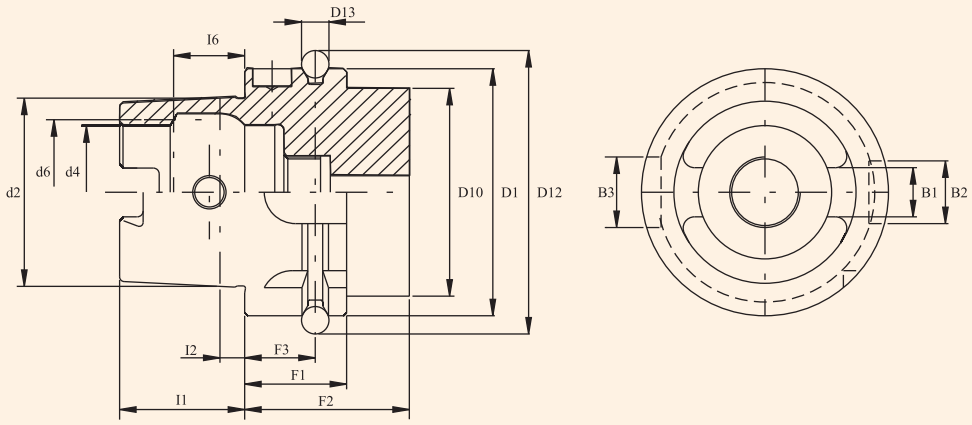
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The information in this catalog is believed to be correct . KTA Spindle Toolings , however, assumes no responsibilityfor any errors , inaccuracies or omissions that may appear in this catalog. Information in this catalog is subject to change without notice and should not be taken as a commitment by KTA Spindle Toolings or it's subsidiaries .

HSK-A DIN 69893-1 FORM A

TOOL HOLDERS



	HSK-A 50	HSK-A 63	HSK-A 100
b1	10,54	12,5	20.02
b2	12	16	20
b3	14	18	22
d1	50	63	100
d2	38	48	75
d4	26	34	53
d6	29	37	58
d10	42	53	88
d12	59,3	72,3	109,75
d13	7	7	7
f1	26	26	29
f2	42	42	45
f3	18	18	20
l1	25	32	50
L2	5	6,3	10
l6	14,13	118.13	28.56

All HSK Tool holders are manufactured according to DIN 69893-1 FORM A.
Balanced to G 6.3 - 15,000 RPM.

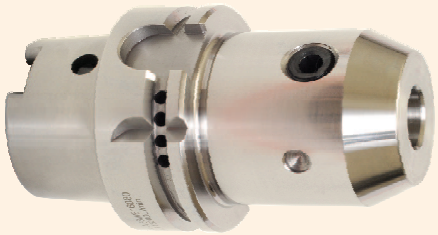
Used on machining centres, milling machines turning machines, special machines with automatic tool change.

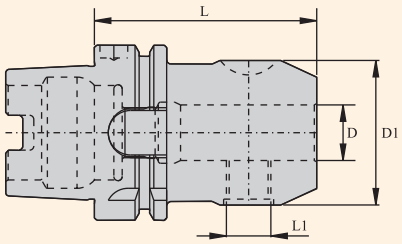
- central, axial coolant supply through coolant tube.
- Torque transmission via two key slots at end of taper.
- Two slots on collar for tool magazine, location edge.

Hole for data carrier DIN 69873 in collar.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

END MILL HOLDER DIN 6359 FOR WELDON TYPE END MILLS DIN 1835B (WN)





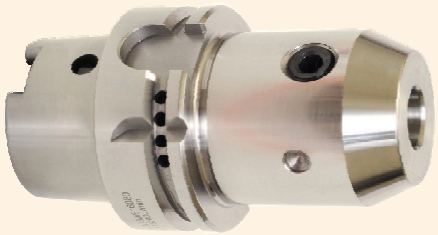
Balanced to G 6.3 - 20,000 rpm .

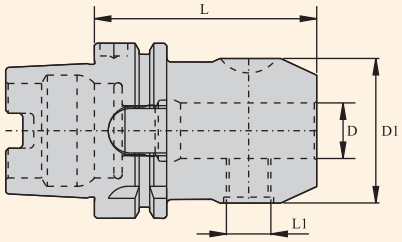
Item Name	Item Code	D	L	D1	L1	Price INR
HSK-A50WN06065	K10166111123209	06	65	25	M6	4620
HSK-A50WN08065	K10166112123209	08	65	28	M8	4620
HSK-A50WN10065	K10166113123209	10	65	35	M10	4620
HSK-A50WN12080	K10166114131209	12	80	42	M12	4620
HSK-A50WN14080	K10166258131209	14	80	44	M12	4620
HSK-A50WN16080	K10166115131209	16	80	48	M14	4620
HSK-A50WN18080	K10166259131209	18	80	50	M14	4620
HSK-A50WN20080	K10166116131209	20	80	52	M16	4620
HSK-A50SLA25100	K10166107148209	25	100	50	M10/2	5500
HSK-A63WN06065	K10167111123209	06	65	25	M6	4905
HSK-A63WN06100	K10167111148209	06	100	25	M6	5775
HSK-A63WN06160	K10167111175209	06	160	25	M6	7020
HSK-A63WN08065	K10167112123209	08	65	28	M8	4905
HSK-A63WN08100	K10167112148209	08	100	28	M8	5775
HSK-A63WN08160	K10167112175209	08	160	28	M8	7020
HSK-A63WN10065	K10167113123209	10	65	35	M10	4905
HSK-A63WN10100	K10167113148209	10	100	35	M10	5775
HSK-A63WN10160	K10167113175209	10	160	35	M10	7020
HSK-A63WN12080	K10167114131209	12	80	42	M12	4905
HSK-A63WN12100	K10167114148209	12	100	42	M12	5775
HSK-A63WN12160	K10167114175209	12	160	42	M12	7020
HSK-A63WN14080	K10167258131209	14	80	44	M12	4905
HSK-A63WN14100	K10167258148209	14	100	44	M12	5775
HSK-A63WN14160	K10167258175209	14	160	44	M12	7020
HSK-A63WN16080	K10167115131209	16	80	48	M14	4905
HSK-A63WN16100	K10167115148209	16	100	48	M14	5775
HSK-A63WN16160	K10167115175209	16	160	48	M14	7020
HSK-A63WN18080	K10167259131209	18	80	50	M14	4905
HSK-A63WN18100	K10167259148209	18	100	50	M14	5775
HSK-A63WN18160	K10167259175209	18	160	50	M14	7020
HSK-A63WN20080	K10167116131209	20	80	52	M16	4905
HSK-A63WN20100	K10167116148209	20	100	52	M16	5775
HSK-A63WN20160	K10167116175209	20	160	52	M16	7020
HSK-A63WN25110	K10167117156209	25	110	65	M18x2/2	5900
HSK-A63WN25160	K10167117156209	25	110	65	M18x2/2	7400
HSK-A63WN32110	K10167118156209	32	110	72	M18x2/2	6005
HSK-A63WN32160	K10167117156209	25	110	65	M18x2/2	7505
HSK-A63WN40125	K10167119164209	40	125	80	M20x2/2	6580
HSK-A63WN40160		25	110	65	M18x2/2	8080

Ordering Example :-HSK-A 63 WN06065 = 2 Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

HSK-A DIN 69893-1 FORM A





Balanced to G 6.3 - 20,000 rpm .

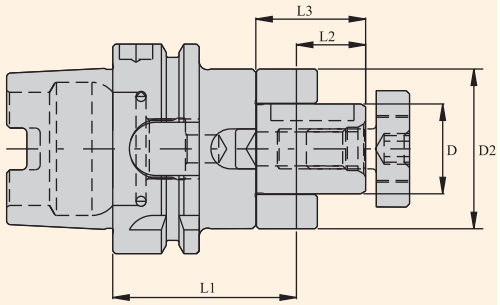
Item Name	Item Code	D	L	D1	L1	Price INR
HSK-A100WN06080	K10168111131209	06	80	25	M6	6115
HSK-A100WN06160	K10168111175209	06	160	25	M6	8545
HSK-A100WN08080	K10168112131209	08	80	28	M8	6115
HSK-A100WN08160	K10168112175209	08	160	28	M8	8545
HSK-A100WN10080	K10168113131209	10	80	35	M10	6115
HSK-A100WN10160	K10168113175209	10	160	35	M10	8545
HSK-A100WN12100	K10168114148209	12	100	42	M12	6115
HSK-A100WN12160	K10168114175209	12	160	42	M12	8545
HSK-A100WN14100	K10168258148209	14	100	44	M12	6115
HSK-A100WN14160	K10168258175209	14	160	44	M12	8550
HSK-A100WN16100	K10168115148209	16	100	48	M14	6115
HSK-A100WN16160	K10168115175209	16	160	48	M14	8550
HSK-A100WN18100	K10168259148209	18	100	50	M14	6115
HSK-A100WN18160	K10168259175209	18	160	50	M14	8550
HSK-A100WN20100	K10168116148209	20	100	52	M16	6115
HSK-A100WN20160	K10168116175209	20	160	52	M16	8550
HSK-A100WN25100	K10168117148209	25	100	65	M18x2 / 2	7215
HSK-A100WN25160	K10168117175209	25	160	65	M18x2 / 2	10110
HSK-A100WN32120	K10168118162209	32	120	72	M20x2 / 2	7500
HSK-A100WN32160	K10168118175209	32	160	72	M20x2 / 2	10230
HSK-A100WN40120	K10168119162209	40	120	80	M20x2 / 2	8195
HSK-A100WN50130	K10168120165209	50	130	100	M24x2 / 2	10395

Ordering Example :-HSK-A 100 WN06080 = 2 Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

COMBI SHELL MILL ADAPTOR DIN 6358 (CSMA)

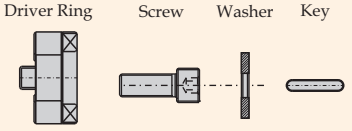




Balanced to G 6.3 - 20,000 rpm .

Item Name	Item Code	D	L1	L2	L3	D2	Price INR
HSK-A50CSMA16050	K10166121111209	16	50	17	27	32	5390
HSK-A50CSMA22055	K10166122115209	22	55	19	31	40	5390
HSK-A50CSMA27065	K10166123123209	27	65	21	33	48	5500
HSK-A50CSMA32065	K10166124123209	32	65	24	38	58	5910
HSK-A63CSMA16060	K10167121117209	16	60	17	27	32	5975
HSK-A63CSMA16100	K10167121148209	16	100	17	27	32	6480
HSK-A63CSMA16160	K10167121175209	16	100	17	27	32	7060
HSK-A63CSMA22060	K10167122117209	22	60	19	31	40	5975
HSK-A63CSMA22100	K10167122148209	22	100	19	31	40	6480
HSK-A63CSMA22160	K10167122175209	22	160	19	31	40	7060
HSK-A63CSMA27060	K10167123117209	27	60	21	33	48	6040
HSK-A63CSMA27100	K10167123148209	27	100	21	33	48	6730
HSK-A63CSMA27160	K10167123175209	27	160	21	33	48	7240
HSK-A63CSMA32065	K10167124123209	32	65	24	38	58	6480
HSk-A63CSMA32100	K10167124148209	32	100	24	38	58	7060
HSK-A63CSMA32160	K10167124175209	32	160	24	38	58	7700
HSK-A63CSMA40070	K10167125125209	40	70	27	41	70	7060
HSK-A63CSMA40100	K10167125148209	40	100	27	41	70	7700
HSK-A63CSMA40160	K10167125175209	40	160	27	41	70	8515
HSK-A100CSMA16065	K10168121123209	16	65	17	27	32	7490
HSK-A100CSMA22065	K10168122123209	22	65	19	31	40	7490
HSK-A100CSMA27065	K10168123123209	27	65	21	33	48	7625
HSK-A100CSMA32070	K10168124125209	32	70	24	38	58	8130
HSK-A100CSMA40070	K10168125125209	40	70	27	41	70	8835

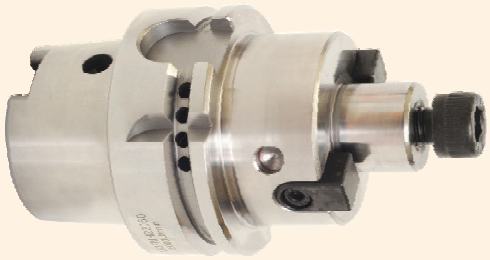
Ordering Example :-HSK-A 63 CSMA16060 = 2 Nos.

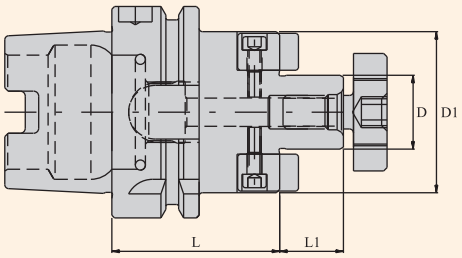


D	Driver Ring	Screw	Washer	Key W□ X L
16	DR16 X 10	M8	-	KEY 4 X 20
22	DR22 X 12	M10	-	KEY 6 X 25
27	DR27 X 12	M12	35 X 4	KEY 7 X 25
32	DR32 X 14	M16	42 X 4	KEY 8 X 30
40	Dr40 X 14	M20	52 X 4	KEY 10 X 30

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

FACE MILL HOLDERS DIN 6357 (FMH)

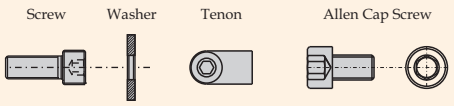




Balanced to G 6.3 - 20,000 rpm .

Item Name	Item Code	D	L	D1	L1	Price INR
HSK-A50FMH16045	K10166126108209	16	45	38	17	5390
HSK-A50FMH22055	K10166127115209	22	55	48	19	5390
HSK-A50FMH27055	K10166128115209	27	55	85	21	5500
HSK-A50FMH32060	K10166129117209	27	60	78	24	5910
HSK-A63FMH16045	K10167126108209	27	45	38	17	5975
HSK-A63FMH16100	K10167126148209	16	100	38	17	6270
HSK-A63FMH16160	K10167126175209	16	160	38	17	7060
HSK-A63FMH22050	K10167127111209	22	50	48	19	5975
HSK-A63FMH22100	K10167127148209	22	100	48	19	6270
HSK-A63FMH22160	K10167127175209	22	160	48	19	7060
HSK-A63FMH27055	K10167128115209	27	55	58	21	6040
HSK-A63FMH27100	K10167128148209	27	100	58	21	6270
HSK-A63FMH27160	K10167128175209	27	160	58	21	7240
HSK-A63FMH32060	K10167129117209	32	60	78	24	6480
HSK-A63FMH32100	K10167129148209	32	100	78	24	6930
HSK-A63FMH32160	K10167129175209	32	160	78	24	7690
HSK-A63FMH40065	K10167267123209	40	65	88	27	7060
HSK-A63FMH40100	K10167267148209	40	100	88	27	7920
HSK-A63FMH40160 WITH PCD HOLE	K10167267175209	40	160	88	27	8515
HSK-A100FMH16055	K10168126115209	16	55	38	17	7490
HSK-A100FMH22055	K10168127115209	22	55	48	19	7490
HSK-A100FMH27055	K10168128115209	27	55	58	21	7625
HSK-A100FMH32060	K10168129117209	32	60	78	21	8130
HSK-A100FMH40065 WITH PCD HOLE	K10168130123209	40	65	88	27	8835

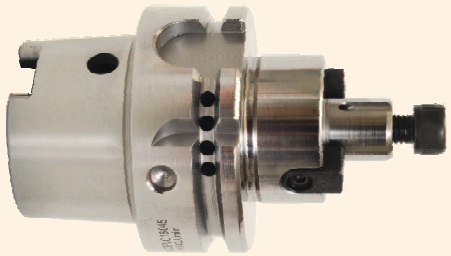
Ordering Example :-HSK-A 50 FMH16045 = 2 Nos.

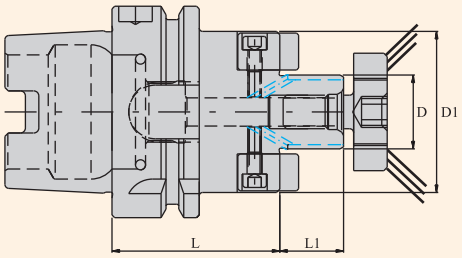


D	Screw	Tenon	Washer	Allen Cap Screw
16	M 8	8	-	M3
22	M10	10	-	M4
27	M12	12	35 X 4	M5
32	M16	14	42 X 4	M6
40	M20	16	52 X 4	M6

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

FACE MILL HOLDERS(THROUGH COOLANT) DIN 6357 (FMH-K)



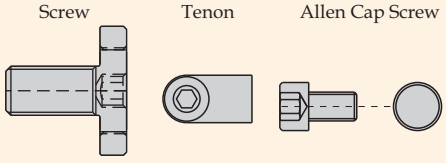


Balanced to G 6.3 - 20,000 rpm .

Item Name	Item Code	D	L	D1	L1	Price INR
HSK-A50FMHK16045	K10166131108209	16	45	38	17	5940
HSK-A50FMHK22055	K10166132115209	22	55	48	19	5940
HSK-A50FMHK27055	K10166133115209	27	55	85	21	6050
HSK-A50FMHK32060	K10166134117209	27	60	78	24	6460
HSK-A63FMHK16045	K10167131108209	27	45	38	17	6525
HSK-A63FMHK16100	K10167131148209	16	100	38	17	6820
HSK-A63FMHK16160	K10167131175209	16	160	38	17	7610
HSK-A63FMHK22050	K10167132111209	22	50	48	19	6510
HSK-A63FMHK22100	K10167132148209	22	100	48	19	6820
HSK-A63FMHK22160	K10167127175209	22	160	48	19	7610
HSK-A63FMHK27055	K10167133115209	27	55	58	21	6590
HSK-A63FMHK27100	K10167133148209	27	100	58	21	6820
HSK-A63FMHK27160	K10167133175209	27	160	58	21	7790
HSK-A63FMHK32060	K10167134117209	32	60	78	24	7030
HSK-A63FMHK32100	K10167134148209	32	100	78	24	7480
HSK-A63FMHK32160	K10167134175209	32	160	78	24	8240
HSK-A63FMHK40065 WITH PCD HOLE	K10167135123209	40	65	88	27	7610
HSK-A63FMHK40100 WITH PCD HOLE	K10167135148209	40	100	88	27	9065
HSK-A63FMHK40160 WITH PCD HOLE	K10167135175209	40	160	88	27	8040
HSK-A100FMHK16055	K10168131115209	16	55	38	17	8040
HSK-A100FMHK22055	K10168132115209	22	55	48	19	8175
HSK-A100FMHK27055	K10168133115209	27	55	58	21	8680
HSK-A100FMHK32060	K10168134117209	32	60	78	24	9385
HSK-A100FMHK40065 WITH PCD HOLE	K10168135123209	40	65	88	27	8470

Ordering Example :-HSK-A 63 FMH-K16045 = 2 Nos.

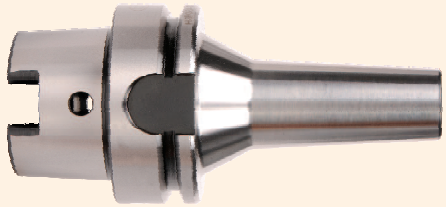
Screw Tenon Allen Cap Screw



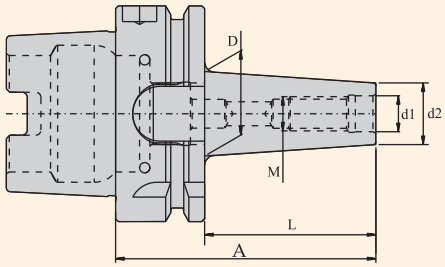
D	Screw	Tenon	Allen Cap
16	SCR16 X M8	8	M4
22	SCR22 X M10	10	M5
27	SCR27 X M12	12	M5
32	SCR32 X M16	14	M6
40	SCR40 X M20	16	M6

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

MILLING CUTTER ARBOR FOR SCREW -ON TYPE MILLING CUTTER (MCA)



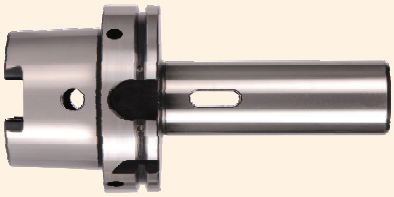
Balanced to G 6.3 - 20,000 rpm .



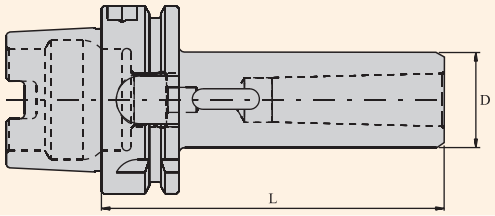
Item Name	Item Code	M	d1	d2	D	L	A	Price INR
HSK-A50MCA06025	K10167137101209	6	6.5	10	13	25	51	5280
HSK-A63MCA08025	K10167138101209	8	8.5	13	15	25	51	5280
HSK-A63MCA08050	K10167138111209	8	8.5	13	23	50	76	5830
HSK-A63MCA08075	K10167138127209	8	8.5	13	23	75	101	6380
HSK-A63MCA10025	K10167139101209	10	10.5	18	20	25	51	5280
HSK-A63MCA10050	K10167139111209	10	10.5	18	23	50	76	5280
HSK-A63MCA10100	K10167139148209	10	10.5	18	32	100	126	5830
HSK-A63MCA10150	K10167139173209	10	10.5	18	36.5	150	176	6380
HSK-A63MCA12025	K10167140101209	12	12.5	21	24	25	51	5280
HSK-A63MCA12050	K10167140111209	12	12.5	21	24	50	76	5280
HSK-A63MCA12075	K10167140127209	12	12.5	21	31	75	101	5830
HSK-A63MCA12100	K10167140148209	12	12.5	21	33	100	126	6380
HSK-A63MCA12150	K10167140173209	12	12.5	21	40	150	176	7150
HSK-A63MCA16025	K10167141101209	16	17	29	29	25	51	5280
HSK-A63MCA16050	K10167141111209	16	17	29	34	50	76	5280
HSK-A63MCA16075	K10167141127209	16	17	29	34	75	101	5830
HSK-A63MCA16100	K10167141148209	16	17	29	36	100	126	6380
HSK-A63MCA16150	K10167141173209	16	17	29	42.5	150	176	7150

Ordering Example: HSK50MCA06025 = 2 Nos

MORSE TAPER ADAPTOR DIN 6383 (MT)



Balanced to G 6.3 - 20,000 rpm .

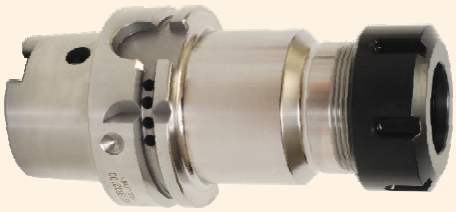


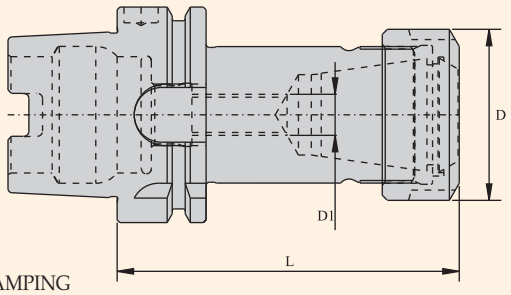
Item Name	Item Code	D	L	Price INR
HSK-A50MT1100	K10166447148209	25	100	5590
HSK-A50MT2115	K10166448159209	32	115	5590
HSK-A50MT3135	K10166449166209	40	135	5720
HSK-A63MT1100	K10167447148209	25	100	6160
HSK-A63MT2115	K10167448159209	32	115	6160
HSK-A63MT3135	K10167449166209	40	135	6290
HSK-A63MT4160	K10167451175209	48	160	6435
HSK-A100MT1110	K10168447156209	25	110	8250
HSK-A100MT2120	K10168448162209	32	120	7965
HSK-A100MT3150	K10168449173209	40	150	7965
HSK-A100MT4170	K10168451238209	48	170	8260
HSK-A100MT5200	K10168450239209	63	200	9240

Ordering Example :-HSK-A 50MT1100 = 2 Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

COLLET CHUCK FOR COLLETS DIN 6499 ER





Balanced to G 6.3 - 20,000 rpm .

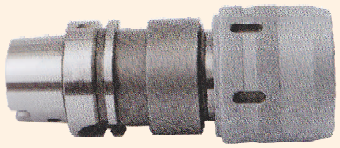
CLAMPING CAPACITY

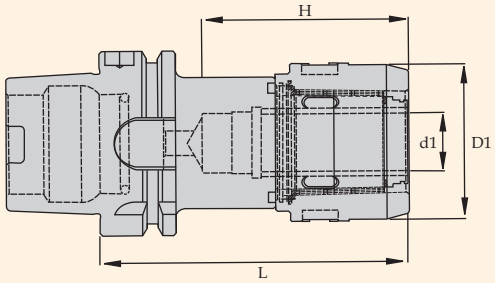
Item Name	Item Code	Clamping Capacity	D	L	D1	Price INR
HSK-A50ER16060	K10166149117209	0.5 - 10	28.00	60	M10X1	4545
HSK-A50ER16100	K10166149148209	0.5 - 10	34.00	70	M10X1	4545
HSK-A50ER20100	K10166150148209	1.0 - 13	34.00	100	M10X1	4700
HSK-A50ER25070	K10166151125209	1.0 - 16	42.00	70	M18X1	4700
HSK-A50ER25100	K10166151148209	1.0 - 16	42.00	100	M18X1	4700
HSK-A50ER32080	K10166152131209	2.0 - 20	50.00	80	M22X1.5	4885
HSK-A50ER32100	K10166152148209	2.0 - 20	50.00	100	M22X1.5	4885
HSK-A50ER40080	K10166153131209	3.0 - 26	63.00	80	M30X1.5	5500
HSK-A63ER16100	K10167149148209	0.5 - 10	28.00	100	M10X1	5080
HSK-A63ER16160	K10167149175209	0.5 - 10	28.00	160	M10X1	6225
HSK-A63ER20100	K10167150148209	1.0 - 13	34.00	100	M10X1	5080
HSK-A63ER20160	K10167150175209	1.0 - 13	34.00	160	M10X1	6225
HSK-A63ER25100	K10167151148209	1.0 - 16	42.00	100	M18X1	5080
HSK-A63ER25160	K10167151175209	1.0 - 16	42.00	160	M22X1.5	6225
HSK-A63ER32100	K10167152148209	2.0 - 20	50.00	100	M22X1.5	5080
HSK-A63ER32160	K10167152175209	2.0 - 20	50.00	160	M22X1.5	6610
HSK-A63ER40120	K10167153162209	3.0 - 26	63.00	120	M30X1.5	5720
HSK-A63ER40160	K10167153175209	3.0 - 26	63.00	160	M30X1.5	6985
HSK-A100ER25100	K10168151148209	1.0 - 16	42.00	100	M18X1	8130
HSK-A100ER25160	K10168151175209	1.0 - 16	42.00	160	M18X1	9780
HSK-A100ER32100	K10168152148209	2.0 - 20	50.00	100	M22X1.5	8130
HSK-A100ER32160	K10168152175209	2.0 - 20	50.00	160	M22X1.5	9780
HSK-A100ER40120	K10168153162209	3.0 - 26	63.00	120	M30X1.5	8380
HSK-A100ER40160	K10168153175209	3.0 - 26	63.00	160	M30X1.5	10100

Ordering Example :-HSK-A 50 ER16060 = 2 Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

POWER MILLING CHUCK





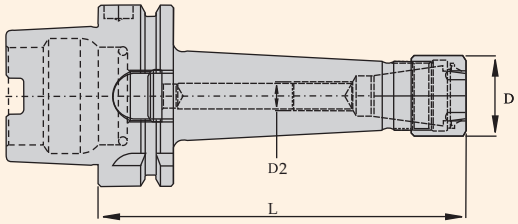
Balanced to G 6.3 20,000 rpm

Item Name	Item Code	ISO	d1	D1	L	H	Price INR
HSK-A50 C20100	K10166445148114	50	20	54	100	70	9800
HSK-A63 C20105	K10167445152114	63	20	54	105	70	10800
HSK-A63 C32130	K10167446165114	63	32	72	130	100	11800
HSK-A100 C20110	K10168445156114	100	20	54	110	70	13800
HSK-A100 C32135	K10168446166114	100	32	72	135	100	14900

Ordering Example: HSK-A50 C20100 = 2 nos.

' M ' TYPE COLLET CHUCK





Balanced to G 6.3 20,000 rpm

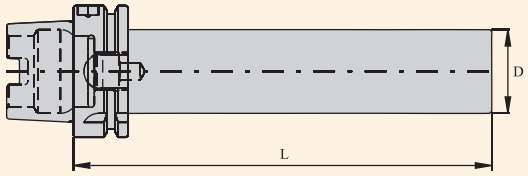
Item Name	Item Code	Suitable for collet	Collet Clamping Capacity	L	D2	D	NUT DESIGNATION	SPANNER DESIGNATION	Price INR
HSK-A63 ER11M-100	K10167156148114	ER11	1-7	100	M 6x1P	16	UM / ER 11M	E11M	5590
HSK-A63 ER11M-160	K10167156175114	ER11	1-7	160	M 6x1P	16	UM / ER 11M	E11M	6850
HSK-A63 ER16M-100	K10167157148114	ER11	0.5-10	100	M10x1P	22	UM / ER 16M	E16M	5590
HSK-A63 ER16M-160	K10167157175114	ER11	0.5-10	160	M10x1P	22	UM / ER 16M	E16M	6850

Ordering Example: HSK-A63 ER11M-100 = 2 nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

MASTER MANDRELL





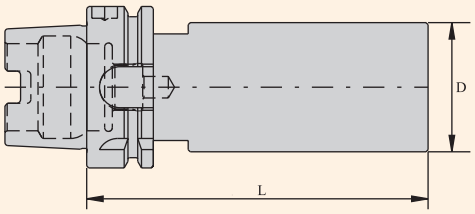
Balanced to G 2.5 20,000 rpm

Item Name	Item Code	D	L	Price INR
HSK-A50 MASTER MANDREL DIA32L300	K10166164237127	32	200	8660
HSK-A63 MASTER MANDREL DIA32L300	K10167165257127	40	300	12375
HSK-A100 MASTER MANDREL DIA32L300	K10168166257127	50	300	15565

Ordering Example :-MASTER MANDREL HSK-A 50DIA32L200 = 2 Nos.

BORING BAR BLANK



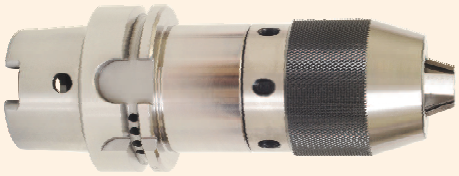


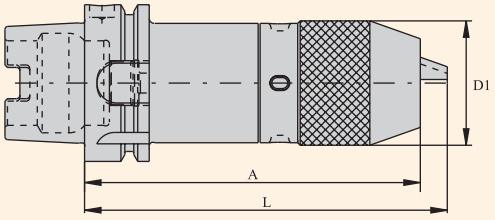
Item Name	Item Code	D	L	Price INR
HSK-A50 BORING BAR52X200	K10166261237127	52	200	6160
HSK-A50 BORING BAR62X200	K10166262237127	62	200	6600
HSK-A63 BORING BAR63X160	K10167263256127	63	160	6050
HSK-A63 BORING BAR63X250	K10167263330127	63	250	7700
HSK-A63 BORING BAR80X250	K10167264256127	80	250	10230
HSK-A100 BORING BAR80X250	K10168264256127	80	250	12100
HSK-A100 BORING BAR97X250	K10168265256127	97	250	12100

Ordering Example :-HSK-A 50 BORING BAR52X200 = 2 Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

NC DRILL CHUCK (NCDC)



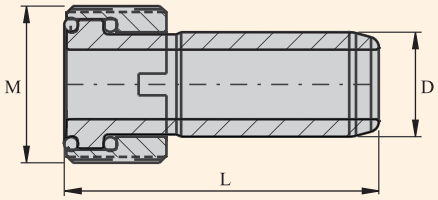


Item Name	Item Code	Capacity	D1	A	L	Price INR
HSK-A50X NCDC113	K10166167170209	0.8 TO 13.0	52	130	141	9350
HSK-A63XNCDC113	K10167167172209	0.8 TO 13.0	52	135	146	9350
HSK-A100XNCDC113	K10168167172209	0.8 TO 13.0	52	135	146	12990

Ordering Example :-NCDC113 X HSK-A 50 = 2 Nos.

COOLANT TUBE FOR HSK HOLDERS



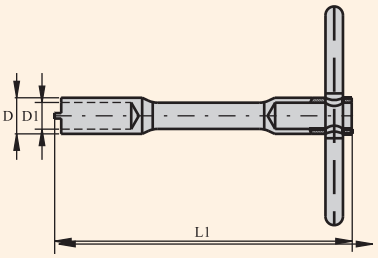


Item Name	Item Code	M	L	D	Price INR
HSK-A50 Coolant Tube	K10166232301127	M16X1	33.0	10.0	265
HSK-A63 Coolant Tube	K10167232301127	M18X1	34.0	12.0	265
HSK-A100 Coolant Tube	K10168232301127	M24X1.5	44.0	16.0	330

Ordering Example :-HSK-A 63 Coolant Tube = 2 Nos.

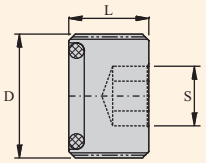
SPANNER FOR HSK COOLANT TUBES / SEALING PLUG FOR HSK





Item Name	Item Code	M	L	D	Price INR
HSK-A50 Coolant Tube Spanner	K10166233301127	10.2	115	14.5	550
HSK-A63 Coolant Tube Spanner	K10167233301127	12.2	136	16.5	660
HSK-A100 Coolant Tube Spanner	K10168233301127	16.2	136	22.0	770

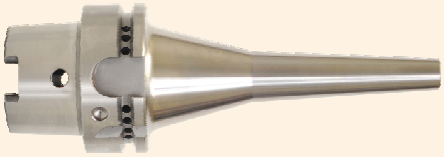
Ordering Example :-HSK-A50 Coolant Tube Spanner = 2 Nos.

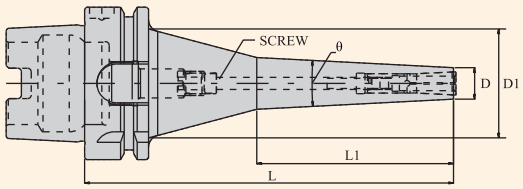


Item Name	Item Code	D	L	S	Price INR
Sealing Plug for HSK-A50	K10166234301127	M16x1	10	5	90
Sealing Plug for HSK-A63	K10167234301127	M18x1	12	6	100
Sealing Plug for HSK-A100	K10168234301127	M24x1.5	16	10	110

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

DIE & MOULD CHUCK (DMC)





Note:Concentricity < 0.005mm on 4xd, Balanced to 2.5G 30,000RPM.

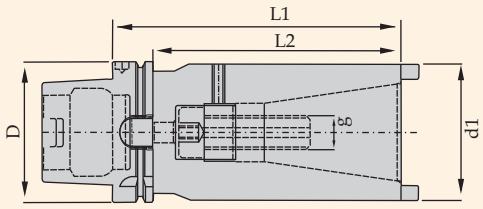
Item Name	Item Code	L	L1	D	D1	θ In Degree	Screw	Price INR
HSK-A50DMC06075	K10166161127129	75	34	13	---	6	M5	7700
HSK-A63DMC06075	K10167161127124	75	34	13	---	6	M5	7920
HSK-A63DMC06095	K10167161145124	95	45	13	46	6	M5	8250
HSK-A63DMC06120	K10167161162124	120	53	13	48	6	M5	8800
HSK-A63DMC06150	K10167161173124	150	80	13	45	6	M5	10560
HSK-A63DMC08100	K10167162148124	100	58	22	48	6	M6	8800
HSK-A63DMC10110	K10167163156124	110	55	28	48	---	M8	8800

Ordering Example : HSK A-63 DMC0675 = 2Nos. (Supplied with Allen Key)

HSK-A DIN 69893-1 FORM A - SIZE - 30/40/50

REDUCTION SLEEVE



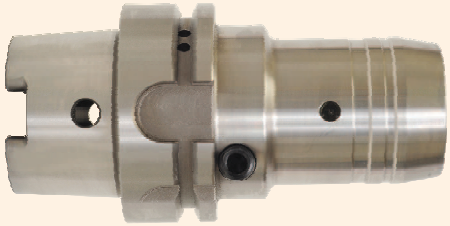


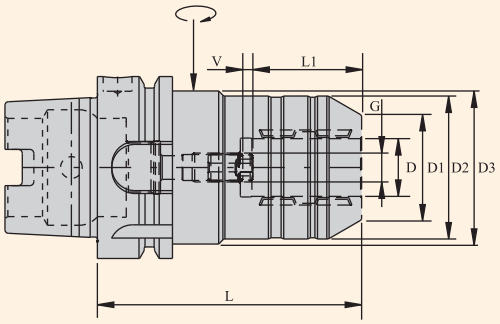
Item Name	Item Code	Internal Taper	d1	L1	L2	g	Price INR
RS HSK63-30	K10251461447127	SIZE-30	50	115	89	M12	10500
RS HSK63-40	K10251461446127	SIZE-40	63	117	91	M16	10800
RS HSK100-40	K10251462446127	SIZE-40	63	150	121	M16	19000
RS HSK100-50	K10251462448127	SIZE-50	97	205	176	M24	21600

Ordering Example :-RS HSK63-30 = 2 Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

HYDRAULIC EXPANSION CHUCK (HC)





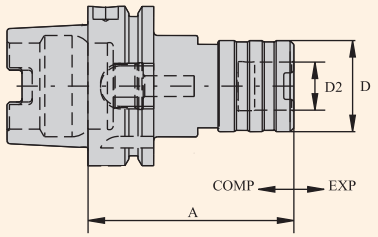
Balanced to G 6.3 - 20,000 rpm .

Item Name	Item Code	D	D1	D2	D3	L	L1	V	G	Price INR
HSK-A50 HC20S-91.5	K10166168141124	20	38	42	50	90	42.0 Min	10	M16X1	16000
HSK-A63 HC20S-91.5	K10167168141124	20	38	42	50	91.5	42.0 Min	10	M16X1	17700
HSK-A100 HC20S-105	K10168168152124	20	38	42	50	105	42.0 Min	10	M16X1	20600

Ordering Example :-HSK-A 63 HC20-91.5 = 2 Nos.

TAPPING CHUCK ACTING ON COMPRESSION & EXPANSION (KWFLK)



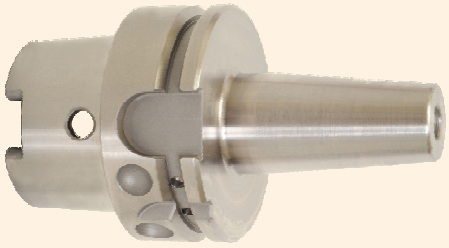


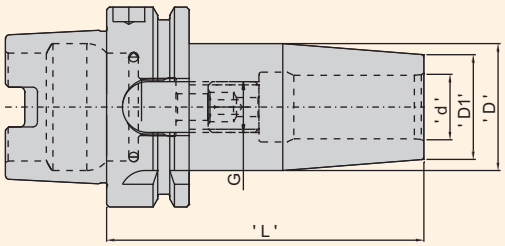
Item Name	Item Code	Capacity	Suitable Adaptor	D2	D	A	Length Comp.(MM)		Price INR
							Expn.	Compr.	
HSK-A50 KWFLK1	K10166169371127	M3 to M12	KWES1B	19	36	76	7.5	7.5	10800
HSK-A50KWFLK2	K10166170163127	M5 to M20	KWES2B	31	53	123	12.5	12.5	12000
HSK-A63KWFLK1	K10167169372127	M3 to M12	KWES1B	19	36	81	7.5	7.5	10885
HSK-A63KWFLK2	K10167170373127	M5 to M20	KWES2B	31	53	119	12.5	12.5	12360
HSK-A63KWFLK3	K10167171374127	M14 to M33	KWES3B	48	78	176	20.0	20.0	15310
HSK-A100KWFLK1	K10168169375127	M3 to M12	KWES1B	19	36	90	7.5	7.5	14170
HSK-A100KWFLK2	K10168170376127	M5 to M20	KWES2B	31	53	138	12.5	12.5	16100
HSK-A100KWFLK3	K10168171179127	M14 to M33	KWES3B	48	78	190	20.0	20.0	18710
HSK-A100KWFLK4	K10168172378127	M22 to M48	KWES4B	60	96	225	22.5	22.5	32400

Ordering Example :-HSK A50 KWFLK1 = 2 Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

HSK-A50 SHRINK FIT HOLDER (SFH) DIN 69893





Runout of Taper to I/D is within 0.003 mm

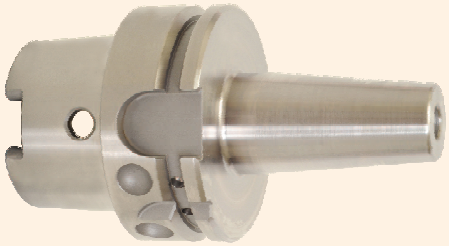
Balanced to G6.3 20,000 rpm (Higher Balancing on Request)

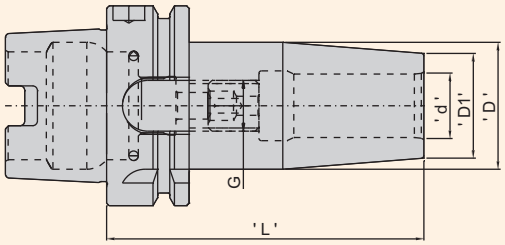
Item Name	Item Code	d	L	D1	D	G	Price INR
HSK-A50SFH03080	K10166274131209	3	80	10	20	-	7640
HSK-A50SFH03120	K10166274162209	3	120	10	20	-	8360
HSK-A50SFH03160	K10166274175209	3	160	10	20	-	9370
HSK-A50SFH04080	K10166275131209	4	80	15	22	-	7400
HSK-A50SFH04120	K10166275162209	4	120	15	22	-	8180
HSK-A50SFH04160	K10166275175209	4	160	15	22	-	9190
HSK-A50SFH05080	K10166276131209	5	80	15	22	-	7400
HSK-A50SFH05120	K10166276162209	5	120	15	22	-	8180
HSK-A50SFH05160	K10166276175209	5	160	15	22	-	9190
HSK-A50SFH06080	K10166277131209	6	80	20	27	M5	6630
HSK-A50SFH06120	K10166277162209	6	120	20	27	M5	7400
HSK-A50SFH06160	K10166277175209	6	160	20	27	M5	8420
HSK-A50SFH08080	K10166285131209	8	80	20	27	M6	6630
HSK-A50SFH08120	K10166285162209	8	120	20	27	M6	7400
HSK-A50SFH08160	K10166285175209	8	160	20	27	M8	8420
HSK-A50SFH10085	K10166279135209	10	85	24	31	M8	6630
HSK-A50SFH10120	K10166279162209	10	120	24	31	M8	7400
HSK-A50SFH10160	K10166279175209	10	160	24	31	M8	8420
HSK-A50SFH12090	K10166280140209	12	90	24	31	M10	6630
HSK-A50SFH12120	K10166280162209	12	120	24	31	M10	7400
HSK-A50SFH12160	K10166280175209	12	160	24	31	M10	7400
HSK-A50SFH14090	K10166284140209	14	90	27	34	M10	8420
HSK-A50SFH14120	K10166284162209	14	120	27	34	M10	7400
HSK-A50SFH14160	K10166284175209	14	160	27	34	M10	8420
HSK-A50SFH16095	K10166281145209	16	95	27	34	M12	6630
HSK-A50SFH16120	K10166281162209	16	120	27	34	M12	7400
HSK-A50SFH16160	K10166281175209	16	160	27	34	M12	8420
HSK-A50SFH18095	K10166282145209	18	95	33	40	M12	6630
HSK-A50SFH18120	K10166282162209	18	120	33	40	M12	7400
HSK-A50SFH18160	K10166282175209	18	160	33	40	M12	8420
HSK-A50SFH20100	K10166283148209	20	100	33	40	M16	6630
HSK-A50SFH20120	K10166283162209	20	120	33	40	M16	7400
HSK-A50SFH20160	K10166283175209	20	160	33	40	M16	6210

Ordering Example : HSK-A50SFH03080 = 2Nos.

HSK-A DIN 69893-1 FORM A - ' SILVER ' SERIES

HSK-A63 SHRINK FIT HOLDER (SFH) DIN 69893





Runout of Taper to I/D is within 0.003 mm

Balanced to G6.3 20,000 rpm (Higher Balancing on Request)

Item Name	Item Code	d	L	D1	D	G	Price INR
HSK-A63SFH03080	K10167274131209	3	80	10	20	-	7760
HSK-A63SFH03120	K10167274162209	3	120	10	20	-	8540
HSK-A63SFH03160	K10167274175209	3	160	10	20	-	9550
HSK-A63SFH04080	K10167275131209	4	80	15	22	-	7580
HSK-A63SFH04120	K10167275162209	4	120	15	22	-	8360
HSK-A63SFH04160	K10167275175209	4	160	15	22	-	9370
HSK-A63SFH05080	K10167276131209	5	80	15	22	-	7580
HSK-A63SFH05120	K10167276162209	5	120	15	22	-	8360
HSK-A63SFH05160	K10167276175209	5	160	15	22	-	9370
HSK-A63SFH06080	K10167277131209	6	80	20	27	M5	5670
HSK-A63SFH06120	K10167277162209	6	120	20	27	M5	7640
HSK-A63SFH06160	K10167277175209	6	160	20	27	M5	8540
HSK-A63SFH08080	K10167285131209	8	80	20	27	M6	5670
HSK-A63SFH08120	K10167285162209	8	120	20	27	M6	7640
HSK-A63SFH08160	K10167285175209	8	160	20	27	M6	8540
HSK-A63SFH10085	K10167279135209	10	85	24	31	M8	5670
HSK-A63SFH10120	K10167279162209	10	120	24	31	M8	7640
HSK-A63SFH10160	K10167279175209	10	160	24	31	M8	8540
HSK-A63SFH12090	K10167280140209	12	90	24	31	M10	5670
HSK-A63SFH12120	K10167280162209	12	120	24	31	M10	7640
HSK-A63SFH12160	K10167280175209	12	160	24	31	M10	8540
HSK-A63SFH14090	K10167284140209	14	90	27	34	M10	5670
HSK-A63SFH14120	K10167284162209	14	120	27	34	M10	7640
HSK-A63SFH14160	K10167284175209	14	160	27	34	M10	8540
HSK-A63SFH16095	K10167281145209	16	95	27	34	M12	5670
HSK-A63SFH16120	K10167281162209	16	120	27	34	M12	7640
HSK-A63SFH16160	K10167281175209	16	160	27	34	M12	8540
HSK-A63SFH18095	K10167282145209	18	95	33	40	M12	5670
HSK-A63SFH18120	K10167282162209	18	120	33	40	M12	7640
HSK-A63SFH18160	K10167282175209	18	160	33	40	M12	8540
HSK-A63SFH20100	K10167283148209	20	100	33	40	M16	5670
HSK-A63SFH20120	K10167283162209	20	120	33	40	M16	7640
HSK-A63SFH20160	K10167283175209	20	160	33	40	M16	8540
HSK-A63SFH25115	K10167287159209	25	115	44	53	M16	5670
HSK-A63SFH25120	K10167287162209	25	120	44	53	M16	7640
HSK-A63SFH25160	K10167287175209	25	160	44	53	M16	8540
HSK-A63SFH32120	K10167288162209	32	120	44	53	M16	6750
HSK-A63SFH32160	K10167288175209	32	160	44	53	M16	8540

Ordering Example : HSK-A63SFH03080 = 2Nos.



KTA Spindle Toolings
Corporate Office &
Works : Pune

KTA Spindle Toolings

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DEALERS