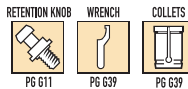
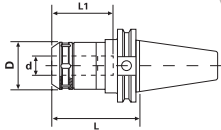
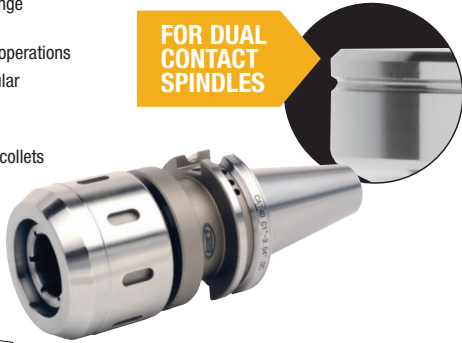


CAT50 DUAL CONTACT Milling Chucks



- Improves rigidity and reduces vibration allowing for increased feed rates and increased tool life
- DIN coolant through the flange at no extra charge
- Rough milling or 'hogging' operations
- Improved tool life over regular end mill holders
- '360°' gripping contact
- Extreme rigidity over taper collets
- TIR, 0.0002"
- RFID chip hole
- AT2 Taper Accuracy

FOR DUAL CONTACT SPINDLES



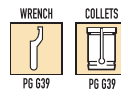
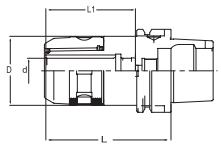
Taper	Collet Series	Collet Range	d	L	L1	D	Tightening Torque (Nm)	Code No.	Price \$
CT50	GS 1-1/4	0.187-1.25	1.25	4.14	4.73	2.88	50-70	521266	598.84

HSK Milling Chucks



HSK Advantages:

- High rigidity and torque transmission (almost double the rigidity of V-flange holders)
- Extreme concentricity enhance tool life performance
- Coolant through capabilities
- TIR 0.0004"
- RFID chip hole
- AT2 Taper Accuracy



Taper	Collet Series	Collet Range	d	L	L1	D	Code No.	Price \$
HSK63A								
HSK63A	GS3/4	0.125-0.750	0.750	3.740	2.480	2.047	536154	520.18
HSK63A	GS1	0.125-1.000	1.000	5.118	3.150	2.362	536160	691.05
HSK63A	GS1-1/4	0.187-1.250	1.250	4.331	3.268	2.717	536162	682.92
HSK100A								
HSK100A	GS3/4	0.125-0.750	0.750	5.315	3.150	2.047	536170	964.35
HSK100A	GS32	3mm - 32mm	32mm	5.315	4.055	2.717	536180	704.55
HSK100A	GS2	1.000-2.000	2.000	4.921	3.543	4.134	536182	1,300.38

Milling Chuck Wrenches



Chuck Cap.	Code No.	Price \$
3/4	534208	43.26
1	534210	43.26
1-1/4	534212	43.26

GS Milling Collets



I.D.	GS 3/4" Code No.	Price \$	GS 1" Code No.	Price \$	GS 1 1/4" Code No.	Price \$
Metric						
6mm	534668	42.90	534702	42.90	534740	42.90
7mm	534670	42.90	-	-	-	-
8mm	534672	42.90	534704	42.90	534742	42.90
10mm	534674	42.90	534706	42.90	534744	42.90
12mm	534676	42.90	534708	42.90	534746	42.90
14mm	534678	42.90	534710	42.90	534748	42.90
16mm	534680	42.90	534712	42.90	534750	42.90
18mm	-	-	534714	42.90	-	-
20mm	-	-	534716	42.90	534752	42.90
25mm	-	-	-	-	534754	42.90
Inch						
1/8	534650	42.90	534682	42.90	-	-
3/16	331469N	42.90	534684	42.90	331481N	42.90
1/4	331470N	42.90	534686	42.90	331482N	42.90
5/16	331472N	42.90	534688	42.90	331484N	42.90
3/8	331474N	42.90	534690	42.90	331486N	42.90
7/16	534660	42.90	534692	42.90	534726	42.90
1/2	331476N	42.90	534694	42.90	331488N	42.90
9/16	331477N	42.90	-	-	331489N	42.90
5/8	331478N	42.90	534696	42.90	331490N	42.90
3/4	-	-	534698	42.90	331492N	42.90
7/8	-	-	-	-	331494N	42.90
1	-	-	-	-	331496N	42.90

Replacement DA Chuck Nuts

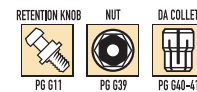
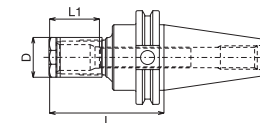


Description	Code No.	Price \$
DA100, Complete Replacement	534264	68.55
DA180 Nut, Complete Replacement	534270	71.07
DA200 Nut, Complete Replacement	534276	68.21
DA300 Nut, Complete Replacement	534277	71.07

CAT40 DA Collet Chucks



- DIN coolant through the flange
- All ground body
- TIR 0.0010"
- AT2 Taper Accuracy
- RFID chip hole



PREMIUM BALANCE
G6.3 at 30,000rpm
CERTIFICATE INCLUDED

Taper	Collet Series	Collet Range	L	L1	D	Nut Tightening Torque (ft. lbs.)	Code No.	Price \$
CT40	DA100	3/64-9/16	3.50	1.15	1.06	35	531270	164.58
CT40	DA100	3/64-9/16	6.00	1.15	1.06	35	531272	177.05
CT40	DA180	3/64-3/4	4.00	1.50	1.44	40	531273	164.58
CT40	DA180	3/64-3/4	6.00	1.50	1.44	40	531274	177.05
CT40	DA200	3/64-3/8	3.00	1.03	0.86	30	531275	164.58
CT40	DA300	3/64-1/4	3.00	0.84	0.55	25	531276	158.29