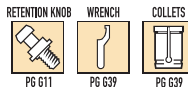
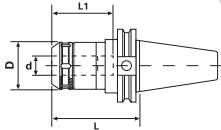
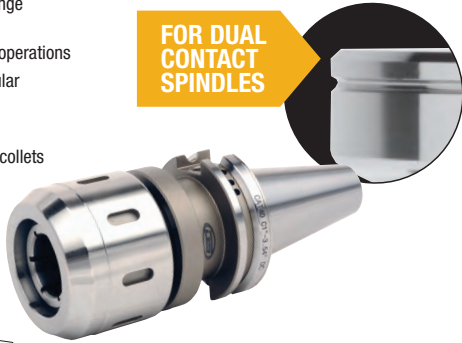


CAT50 DUAL CONTACT Milling Chucks



- 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



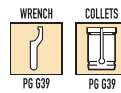
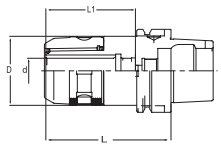
Taper	Collet Series	Collet Range	d	L	L1	D	Tightening Torque (Nm)	Code No.	Price \$
CT50	GS 1-1/4	0.187-1.25	1.25	4.14	4.73	2.88	50-70	521266	815.37

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	708.27
HSK63A	GS1	0.125-1.000	1.000	5.118	3.150	2.362	536160	940.91
HSK63A	GS1-1/4	0.187-1.250	1.250	4.331	3.268	2.717	536162	929.85
HSK100A								
HSK100A	GS3/4	0.125-0.750	0.750	5.315	3.150	2.047	536170	1,313.04
HSK100A	GS32	3mm - 32mm	32mm	5.315	4.055	2.717	536180	959.31
HSK100A	GS2	1.000-2.000	2.000	4.921	3.543	4.134	536182	1,770.56

Milling Chuck Wrenches



Chuck Cap.	Code No.	Price \$
3/4	534208	58.90
1	534210	58.90
1-1/4	534212	58.90

GS Milling Collets



I.D.	GS 3/4" Code No.	Price \$	GS 1" Code No.	Price \$	GS 11/4" Code No.	Price \$
Metric						
6mm	534668	56.71	534702	56.71	534740	56.71
7mm	534670	56.71	-	-	-	-
8mm	534672	56.71	534704	56.71	534742	56.71
10mm	534674	56.71	534706	56.71	534744	56.71
12mm	534676	56.71	534708	56.71	534746	56.71
14mm	534678	56.71	534710	56.71	534748	56.71
16mm	534680	56.71	534712	56.71	534750	56.71
18mm	-	-	534714	56.71	-	-
20mm	-	-	534716	56.71	534752	56.71
25mm	-	-	-	-	534754	56.71
Inch						
1/8	534650	56.71	534682	56.71	-	-
3/16	331469N	56.71	534684	56.71	331481N	56.71
1/4	331470N	56.71	534686	56.71	331482N	56.71
5/16	331472N	56.71	534688	56.71	331484N	56.71
3/8	331474N	56.71	534690	56.71	331486N	56.71
7/16	534660	56.71	534692	56.71	534726	56.71
1/2	331476N	56.71	534694	56.71	331488N	56.71
9/16	331477N	56.71	-	-	331489N	56.71
5/8	331478N	56.71	534696	56.71	331490N	56.71
3/4	-	-	534698	56.71	331492N	56.71
7/8	-	-	-	-	331494N	56.71
1	-	-	-	-	331496N	56.71

Replacement DA Chuck Nuts

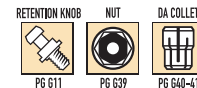
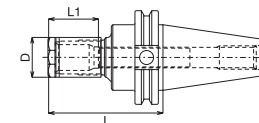


Description	Code No.	Price \$
DA100, Complete Replacement	534264	93.34
DA180 Nut, Complete Replacement	534270	96.78
DA200 Nut, Complete Replacement	534276	92.87
DA300 Nut, Complete Replacement	534277	96.78

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	224.08
CT40	DA100	3/64-9/16	6.00	1.15	1.06	35	531272	241.07
CT40	DA180	3/64-3/4	4.00	1.50	1.44	40	531273	224.08
CT40	DA180	3/64-3/4	6.00	1.50	1.44	40	531274	241.07
CT40	DA200	3/64-3/8	3.00	1.03	0.86	30	531275	224.08
CT40	DA300	3/64-1/4	3.00	0.84	0.55	25	531276	215.52