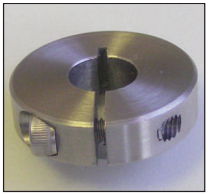
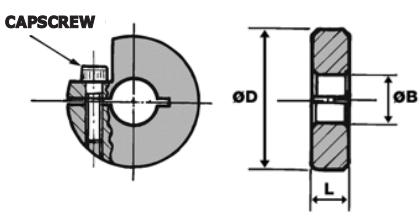
Material
Stainless Steel, Mild Steel



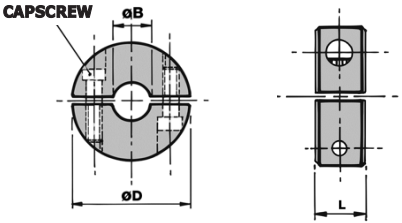


DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

PART NUMBER	ØD	L	C	Available Bores ØB	CM	W	M	PRICE EACH 1-5
STAINLESS								
HPCCC3	16	5	M3	Ø3, Ø4, Ø5, Ø6	Ø21	7	1.39×10^{-7}	**£16.41**
HPCCC5	22	5	M3	Ø5, Ø6, Ø7, Ø8	Ø26	12	4.52×10^{-7}	**£18.83**
HPCCC8	25	8	M4	Ø8, Ø9, Ø10	Ø32	25	1.30×10^{-6}	**£20.83**
HPCCC10	30	8	M4	Ø10, Ø11, Ø12, Ø13	Ø35	35	2.55×10^{-6}	**£20.83**
HPCCC12	32	10	M5	Ø12, Ø13, Ø14, Ø15	Ø37	46	4.30×10^{-6}	**£23.40**
HPCCC15	35	10	M5	Ø15, Ø16, Ø17, Ø18	Ø40	57	5.93×10^{-6}	**£24.91**
HPCCC20	38	10	M5	Ø19, Ø20, Ø22, Ø23	Ø43	65	7.73×10^{-6}	**£27.09**
MILD STEEL								
HPCCC25	48	15	M6	Ø25	Ø57	140	2.97×10^{-5}	**£33.33**
HPCCC30	55	15	M6	Ø30	Ø62	180	4.88×10^{-5}	**£38.83**
HPCCC35	60	15	M6	Ø35	Ø65	203	6.63×10^{-5}	**£47.47**
HPCCC40	65	15	M6	Ø40	Ø72	222	8.84×10^{-5}	**£54.93**

C : Capscrew
CM : Clearance Min.
W : Weight (g)
M : Moment of Inertia ($kg.m^2$)

When ordering add bore diameter to part number
eg. CC10 with 12mm bore = CC10-12

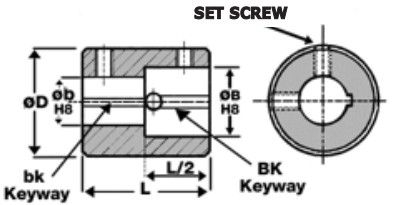


DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

PART NUMBER	ØD	L	C	Available Bores ØB	CM	W	M	PRICE EACH 1-5
STAINLESS								
HPCCT3	16	5	M3	**Ø3**, Ø4, Ø5	Ø21	7	1.23×10^{-7}	**£16.44**
HPCCT3-6	16	5	M3	**Ø6**	Ø21	7	1.23×10^{-7}	**£16.44**
HPCCT5	22	5	M3	Ø5, Ø6, Ø7	Ø26	11	4.16×10^{-7}	**£18.83**
HPCCT5-8	22	5	M3	**Ø8**	Ø26	11	4.16×10^{-7}	**£18.83**
HPCCT8	25	8	M4	**Ø8** , Ø9, Ø10	Ø32	23	1.23×10^{-6}	**£20.83**
HPCCT10	30	8	M4	Ø10, Ø11, **Ø12**, Ø13	Ø35	32	2.52×10^{-6}	**£20.83**
HPCCT12	32	10	M5	**Ø12**, Ø13, Ø14, Ø15	Ø37	50	4.14×10^{-6}	**£23.40**
HPCCT15	38	10	M5	Ø15, **Ø16**, Ø17, Ø18	Ø40	65	7.81×10^{-6}	**£24.91**
HPCCT17	40	10	M5	Ø17, **Ø18**, Ø19, Ø20	Ø43	68	9.17×10^{-6}	**£27.10**
HPCCT20	43	10	M5	Ø19, **Ø20**, Ø22, Ø23	Ø43	83	1.25×10^{-5}	**£30.10**
MILD STEEL								
HPCCT25	48	15	M6	**Ø25**	Ø57	148	2.72×10^{-5}	**£38.37**
HPCCT30	55	15	M6	**Ø30**	Ø62	188	4.41×10^{-5}	**£47.08**
HPCCT35	60	15	M6	**Ø35**	Ø65	210	6.05×10^{-5}	**£55.12**
HPCCT40	65	15	M6	**Ø40**	Ø72	213	8.05×10^{-5}	**£63.35**

C : Capscrew
CM : Clearance Min.
W : Weight (g)
M : Moment of Inertia ($kg.m^2$)

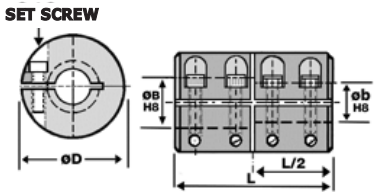
Material
Mild Steel 045M10 (EN32)

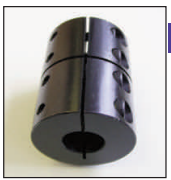


DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

PART NUMBER	ØD	L	ØB H8	ØB MA	K BK	Øb H8	K bk	S	MO	W	PRICE EACH 1-5
HPCAF10	20	30	10	10.0	3	10	3	M4	3.39×10^{-6}	53	£22.87
HPCAF12-10/12	28	36	12	12.0	4	10	3	M5	1.62×10^{-5}	135	£24.34
HPCAF12	28	36	12	12.0	4	12	4	M5	1.62×10^{-5}	138	£24.34
HPCAF15-10/15	28	36	15	15.0	5	10	3	M5	1.53×10^{-5}	129	£24.34
HPCAF15-12/15	28	36	15	15.0	5	12	4	M5	1.53×10^{-5}	123	£24.34
HPCAF15	28	36	15	15.0	5	15	5	M5	1.53×10^{-5}	117	£24.34
HPCAF20-15/20	32	40	20	20.0	6	15	5	M6	2.65×10^{-5}	167	£30.75
HPCAF20	32	40	20	20.0	6	20	6	M6	2.65×10^{-5}	145	£30.75
HPCAF24	40	54	24	24.0	8	24	8	M6	8.99×10^{-5}	349	£35.76
HPCAF25-20/25	40	54	25	25.0	8	20	6	M8	8.71×10^{-5}	343	£35.76
HPCAF25	40	54	25	25.0	8	25	8	M8	8.71×10^{-5}	300	£35.76
HPCAF30-25/30	50	54	30	30.0	8	25	8	M8	2.21×10^{-4}	552	£39.35
HPCAF30	50	54	30	30.0	8	30	8	M8	2.21×10^{-4}	505	£39.35

MA: Maximum Available
K : Keyway
S : Set screw
MO: Moment of Inertia (kg.m²)
W : Weight (g)





DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

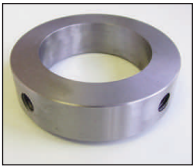
PART NUMBER	ØD	L	ØB H8	ØB MA	Øb H8	S	MO	W	PRICE EACH 1-5
HPCSC5	22	30	5	10.0	5	M3	4.92×10^{-6}	75	£21.69
HPCSC5-5/6	22	30	6	10.0	5	M3	4.92×10^{-6}	75	£27.88
HPCSC6	22	30	6	10.0	6	M3	4.99×10^{-6}	71	£27.88
HPCSC8-6/8	22	30	8	10.0	6	M3	5.08×10^{-6}	70	£27.88
HPCSC8	22	30	8	10.0	8	M3	5.08×10^{-6}	70	£27.88
HPCSC10-8/8	30	40	8	13.0	8	M4	2.27×10^{-5}	182	£35.78
HPCSC10	30	40	10	13.0	10	M4	2.27×10^{-5}	177	£35.78
HPCSC12-10/10	36	50	10	19.5	10	M5	6.06×10^{-5}		£37.43
HPCSC12-10/12	36	50	12	19.5	10	M5	6.06×10^{-5}	343	£37.43
HPCSC12	36	50	12	19.5	12	M5	6.06×10^{-5}	330	£37.43
HPCSC15-12/12	40	50	12	23.0	12	M5	9.13×10^{-5}		£44.63
HPCSC15-12/15	40	50	15	23.0	12	M5	9.13×10^{-5}	360	£44.63
HPCSC15	40	50	15	23.0	15	M5	9.13×10^{-5}	376	£44.63
HPCSC20-15/15	50	65	15	25.0	15	M6	2.81×10^{-4}		£49.39
HPCSC20-15/20	50	65	20	25.0	15	M6	2.81×10^{-4}	850	£49.39
HPCSC20	50	65	20	25.0	20	M6	2.81×10^{-4}	830	£49.39
HPCSC25-20/20	60	65	20	33.0	20	M8	5.79×10^{-4}		£91.36
HPCSC25-20/25	60	65	25	33.0	20	M8	5.79×10^{-4}	1100	£91.36
HPCSC25	60	65	25	33.0	25	M8	5.79×10^{-4}	1100	£91.36
HPCSC30-25/25	70	80	25	43.0	25	M8	1.33×10^{-3}		£102.46
HPCSC30-25/30	70	80	30	43.0	25	M8	1.33×10^{-3}	1800	£102.46
HPCSC30	70	80	30	43.0	30	M8	1.33×10^{-3}	1800	£102.46

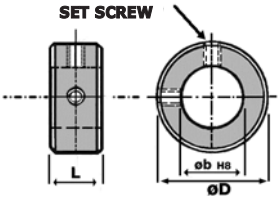
MA: Maximum Available
MO: Moment of Inertia ($kg.m^2$)
S : Set screw
W : Weight (g)

Couplings

Set Screw Shaft Collars

Stainless Steel, Mild Steel





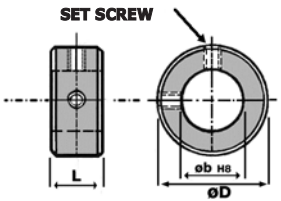
DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

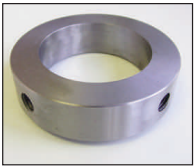
PART NUMBER	ØD	L	øb H8	S	MO	ST*	TL	W	PRICE EACH 1-5
STAINLESS									
HPCCJ3	10	6	3	M2.5	3.33×10^{-8}	0.90	600	3	£7.51
HPCCJ4	14	6	4	M3	1.09×10^{-7}	3.50	1600	6	£7.51
HPCCJ5	16	6	5	M3	1.78×10^{-7}	4.00	1600	8	£7.51
HPCCJ6	16	6	6	M3	1.75×10^{-7}	5.25	1600	8	£7.51
HPCCJ8	20	8	8	M4	5.75×10^{-7}	12.50	3000	16	£9.24
HPCCJ10	20	8	10	M4	5.49×10^{-7}	15.50	3000	14	£9.24
HPCCJ12	28	10	12	M5	2.66×10^{-6}	28.00	4800	38	£12.27
HPCCJ15	28	10	15	M5	2.51×10^{-6}	36.00	4800	33	£12.27
HPCCJ18	32	12	18	M6	5.09×10^{-6}	60.00	6600	48	£13.47
HPCCJ20	32	12	20	M6	4.78×10^{-6}	67.00	6600	43	£13.47
MILD STEEL									
HPCCJ22	40	15	22	M8	1.51×10^{-5}	125.00	11000	99	£13.83
HPCCJ24	40	15	24	M8	1.45×10^{-5}	139.00	11000	88	£13.83
HPCCJ25	40	15	25	M8	1.41×10^{-5}	145.00	11000	85	£13.83
HPCCJ26	40	15	26	M8	1.36×10^{-5}	150.00	11000	80	£13.83
HPCCJ28	50	15	28	M8	3.49×10^{-5}	160.00	11000	150	£16.59
HPCCJ30	50	15	30	M8	3.37×10^{-5}	174.00	11000	140	£16.59

S : Set screw
M0 : Moment of Inertia ($kg.m^2$)
ST : Static Torque (Nm)
TL : Static Axial Thrust Load (N)
W : Weight (g)

** For reference only - Static Torque and Axial Load using steel cup point grubscrew onto a soft steel shaft. Variations on figures can be ±50%. Figures to be used as a guide only to conduct your own tests for your individual application.*

Performance
Grubscrew Tightening Torques: M2.5 = 0.6Nm, M3 = 1Nm, M4 = 2.5Nm, M5 = 4.7Nm, M6 = 7.7Nm, M8 = 17.8Nm, M10 = 35Nm, M12 = 55Nm.





DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

PART NUMBER	ØD	L	Øb H8	S	MO	ST*	TL	W	PRICE EACH 1-5
MILD STEEL									
HPCCJ35	60	15	35	M8	6.92×10^{-5}	200.00	11000	208	**£17.57**
HPCCJ40	60	15	40	M8	6.28×10^{-5}	232.00	11000	200	**£17.57**
HPCCJ45	70	15	45	M8	1.18×10^{-4}	260.00	11000	258	**£25.04**
HPCCJ50	70	15	50	M8	1.05×10^{-4}	290.00	11000	216	**£25.04**
HPCCJ55	90	20	55	M10	4.50×10^{-4}	514.00	11000	611	**£34.63**
HPCCJ60	90	20	60	M10	4.20×10^{-4}	560.00	18000	544	**£34.63**
HPCCJ65	98	24	65	M12	7.02×10^{-4}	864.00	18000	778	**£37.45**
HPCCJ70	98	24	70	M12	6.43×10^{-4}	931.00	26000	685	**£37.45**
HPCCJ75	108	24	75	M12	9.78×10^{-4}	997.00	26000	878	**£43.58**
HPCCJ80	108	24	80	M12	8.90×10^{-4}	1064.00	26000	766	**£43.58**
HPCCJ85	118	24	85	M12	1.32×10^{-3}	1130.00	26000	973	**£53.34**
HPCCJ90	118	24	90	M12	1.19×10^{-3}	1197.00	26000	848	**£53.34**
HPCCJ100	150	24	100	M12	3.75×10^{-3}	1330.00	26000	1806	**£75.84**
HPCCJ120	180	24	120	M12	7.76×10^{-3}	1596.00	26000	2611	**£81.39**
HPCCJ150	200	24	150	M12	10.06×10^{-2}	1995.00	26000	2546	**£86.22**
HPCCJ200	250	24	200	M12	21.20×10^{-2}	2660.00	26000	3285	**£125.81**

S : Set screw
M0 : Moment of Inertia ($kg.m^2$)
ST : Static Torque (Nm)
TL : Static Axial Thrust Load (N)
W : Weight (g)

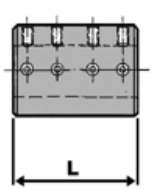
** For reference only - Static Torque and Axial Load using steel cup point grubscrew onto a soft steel shaft. Variations on figures can be ±50%. Figures to be used as a guide only to conduct your own tests for your individual application.*

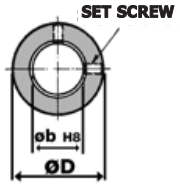
Performance
Grubscrew Tightening Torques: M2.5 = 0.6Nm, M3 = 1Nm, M4 = 2.5Nm, M5 = 4.7Nm, M6 = 7.7Nm, M8 = 17.8Nm, M10 = 35Nm, M12 = 55Nm.

Couplings

Set Screw Shaft Collars

Material
Mild Steel





DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

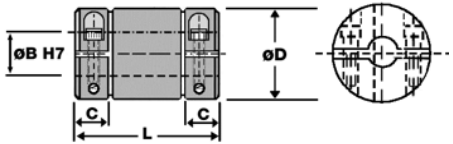
PART NUMBER	ØD	L	øb H8	S	MO	ST*	TL	W	PRICE EACH 1-5
HPCCL3	10	20	3	M2.5	1.47×10^{-7}	1.8	600	12	£16.58
HPCCL4	14	20	4	M3	5.73×10^{-7}	7.0	1600	21	£16.58
HPCCL5	15	24	5	M3	8.99×10^{-7}	8.8	1600	28	£16.58
HPCCL6	16	24	6	M3	1.16×10^{-6}	10.5	1600	32	£16.58
HPCCL8	20	30	8	M4	3.51×10^{-6}	25.0	3000	60	£18.80
HPCCL10	20	30	10	M4	3.39×10^{-6}	31.0	3000	53	£18.80
HPCCL12	28	36	12	M5	1.61×10^{-5}	57.6	4800	136	£21.33
HPCCL15	28	36	15	M5	1.54×10^{-5}	72.0	4800	121	£24.20
HPCCL18	32	40	18	M6	2.87×10^{-5}	121.0	6600	167	£24.20
HPCCL20	32	40	20	M6	2.71×10^{-5}	135.0	6600	145	£24.20
HPCCL22	40	54	22	M8	9.48×10^{-5}	225.0	11000	344	£27.16
HPCCL24	40	54	24	M8	9.12×10^{-5}	278.0	11000	316	£27.16
HPCCL25	40	54	25	M8	8.90×10^{-5}	290.0	11000	302	£27.16
HPCCL26	40	54	26	M8	8.65×10^{-5}	301.0	11000	290	£27.16
HPCCL28	50	54	28	M8	2.30×10^{-4}	324.0	11000	535	£30.64
HPCCL30	50	54	30	M8	2.22×10^{-4}	348.0	11000	502	£30.64
HPCCL35	60	54	35	M8	4.21×10^{-4}	406.0	11000	752	£32.16
HPCCL40	60	54	40	M8	3.73×10^{-4}	464.0	11000	635	£32.16

S : Set screw
M0 : Moment of Inertia (kg.m^2)
ST : Static Torque (Nm)
TL : Static Axial Thrust Load (N)
W : Weight (g)

** For reference only - Static Torque and Axial Load using steel cup point grubscrew onto a soft steel shaft. Variations on figures can be ±50%. Figures to be used as a guide only to conduct your own tests for your individual application.*

Performance
Grubscrew Tightening Torques: M2.5 = 0.6Nm, M3 = 1Nm, M4 = 2.5Nm, M5 = 4.7Nm, M6 = 7.7Nm, M8 = 17.8Nm, M10 = 35Nm, M12 = 55Nm.

Material
HPCICCA2: Aluminium
HPCICCK3: Stainless Steel



DISCOUNTS	1-19	20-39	40-59	60-99	100+
	List Price	-15%	-20%	-25%	-30%

PART NUMBER	Bore ØB H7	Max Bore ØB	ØD	L	C	Clamp Screws	Moment of Inertia ($kg.m^2$)	PRICE EACH 1-19
ALUMINIUM								
HPCICCA22-3	3	4.76	9.52	19.56	5.97	M1.6	1.16×10^{-7}	£22.37
HPCICCA23-4	4	6.35	12.70	22.86	5.97	M2	4.38×10^{-7}	£17.28
HPCICCA24-6	6	10.00	19.05	26.00	5.97	M2.5	2.41×10^{-6}	£23.04
HPCICCA25-10	10	12.70	25.40	38.10	11.68	M3	1.10×10^{-5}	£27.68
HPCICCA26-12	12	19.00	31.75	57.15	16.00	M4	4.09×10^{-5}	£52.08
HPCICCA27-16	16	22.00	38.10	66.67	18.00	M5	9.76×10^{-5}	£67.69
HPCICCA29-20	20	28.00	50.80	95.30	25.00	M6	4.50×10^{-5}	£95.73
STAINLESS								
HPCICCK34-6	6	10.00	19.05	28.00	6.35	M2.5	2.67×10^{-6}	£37.71
HPCICCK35-10	10	12.70	25.40	38.10	10.16	M3	1.14×10^{-5}	£55.13
HPCICCK36-12	12	19.00	31.75	57.15	16.00	M4	4.21×10^{-5}	£97.00
HPCICCK37-16	16	22.00	38.10	66.67	18.00	M5	1.01×10^{-4}	£130.61
HPCICCK39-20	20	28.00	50.80	95.30	25.00	M6	4.65×10^{-4}	£190.00