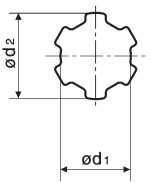
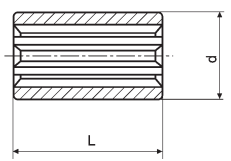




a* : Number of Keys

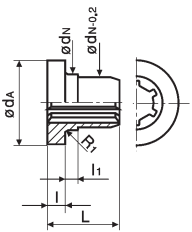
DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

PART NUMBER	a* x d1	x d2	L	d	PRICE EACH 1-5
HPC294-011-004	6 x 11	x14	40	30	£29.69
HPC294-013-004	6 x 13	x16	40	35	£31.05
HPC294-016-004	6 x 16	x20	40	40	£32.88
HPC294-018-004	6 x 18	x22	40	42	£34.91
HPC294-021-004	6 x 21	x25	40	45	£36.05
HPC294-021-006	6 x 21	x25	60	38	£47.61
HPC294-023-006	6 x 23	x28	60	50	£46.04
HPC294-026-006	6 x 26	x32	60	60	£53.45
HPC294-028-006	6 x 28	x34	60	70	£62.14
HPC294-029-006	6 x 29.7	x34.93	60	75	£84.59
HPC294-029-008	6 x 29.7	x34.93	80	50.8	£109.31
HPC294-032-006	8 x 32	x38	60	75	£67.58
HPC294-036-006	8 x 36	x42	60	80	£85.50
HPC294-042-006	8 x 42	x48	60	90	£89.58
HPC294-046-006	8 x 46	x54	60	90	£107.28

'Never Knowingly Outpriced'

Material

Phosphor Bronze
Flanged Phosphor Bronze without holes



a* : Number of Keys

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%

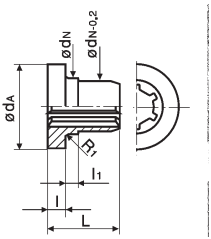
PART NUMBER	a* x d1	x d2	ødA	(h7) ødN	L	l	l1	PRICE EACH 1-5
HPC294-611-603	6 x 11	x14	43	24	35	10	6	£129.40
HPC294-613-603	6 x 13	x16	43	24	35	10	8	£146.89
HPC294-616-604	6 x 16	x20	48	28	45	12	8	£163.17
HPC294-618-604	6 x 18	x22	55	32	45	12	10	£171.44
HPC294-621-604	6 x 21	x25	55	32	45	12	10	£174.80
HPC294-623-605	6 x 23	x28	62	38	50	14	10	£174.80
HPC294-626-605	6 x 26	x32	62	38	50	14	10	£200.03
HPC294-628-606	6 x 28	x34	75	48	60	15	11	£242.01
HPC294-629-606	6 x 29.7	x34.93	75	48	60	15	11	£305.93
HPC294-632-606	8 x 32	x38	75	48	60	15	11	£275.68
HPC294-636-608	8 x 36	x42	95	63	80	16	12	£310.97
HPC294-642-608	8 x 42	x48	95	63	80	16	12	£326.09
HPC294-646-610	8 x 46	x54	110	72	80	18	12	£440.40

'Never Knowingly Outpriced'

Material

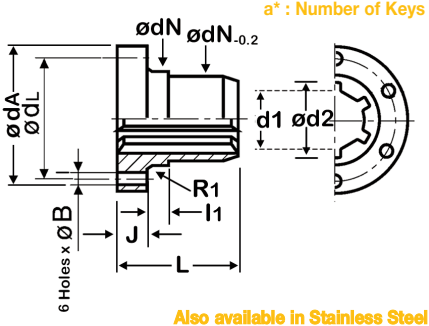
Steel EN8 (C45)
Flanged Steel without holes

a* : Number of Keys



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	a* x d1	x d2	ØdA	(h7) ØdN	L	l	PRICE EACH 1-5
HPC294-011-603	6 x 11	x14	41	22	30	8	£121.12
HPC294-013-603	6 x 13	x16	43	24	30	8	£140.63
HPC294-016-604	6 x 16	x20	52	28	40	9	£161.95
HPC294-018-605	6 x 18	x22	60	32	50	9	£177.38
HPC294-021-605	6 x 21	x25	62	34	50	10	£190.99
HPC294-023-606	6 x 23	x28	68	40	60	10	£218.68
HPC294-026-606	6 x 26	x32	70	42	60	10	£245.00
HPC294-028-607	6 x 28	x34	78	48	70	12	£274.50
HPC294-029-607	6 x 29.7	x34.93	80	50	70	12	£342.57
HPC294-032-607	8 x 32	x38	80	50	70	12	£308.53
HPC294-036-608	8 x 36	x42	93	58	80	14	£344.82
HPC294-042-609	8 x 42	x48	95	60	80	16	£374.33
HPC294-046-610	8 x 46	x54	99	65	80	16	£401.54



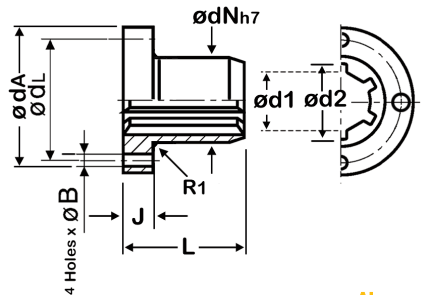
a* : Number of Keys

Also available in Stainless 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	a* x d1	x d2	ødA	(h7) ødN	L	J	I1	ødL	6xøB	PRICE EACH 1-5
HPC294-611-703	6 x 11	x14	43	24	35	10	6	32	4.3	£143.68
HPC294-613-703	6 x 13	x16	43	24	35	10	8	32	4.3	£163.17
HPC294-616-704	6 x 16	x20	48	28	45	12	8	38	5.3	£181.50
HPC294-618-704	6 x 18	x22	55	32	45	12	10	45	6.4	£189.92
HPC294-621-704	6 x 21	x25	55	32	45	12	10	45	6.4	£194.96
HPC294-623-705	6 x 23	x28	62	38	50	14	10	50	6.4	£200.03
HPC294-626-705	6 x 26	x32	62	38	50	14	10	50	6.4	£220.17
HPC294-628-706	6 x 28	x34	75	48	60	15	11	62	8.4	£267.27
HPC294-629-706	6 x 29.7	x34.93	75	48	60	15	11	62	8.4	£339.55
HPC294-632-706	8 x 32	x38	75	48	60	15	11	62	8.4	£304.21
HPC294-636-708	8 x 36	x42	95	63	80	16	12	78	8.4	£346.27
HPC294-642-708	8 x 42	x48	95	63	80	16	12	78	8.4	£363.08
HPC294-646-710	8 x 46	x54	110	72	80	18	12	90	10.5	£485.79

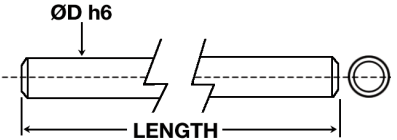
a* : Number of Keys



Also available in Stainless 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	a* x d1	x d2	øA	(h7) øN	L	J	øL	4xøB	PRICE EACH 1-5
HPC294-011-703	6 x 11	x14	41	22	30	8	30	4.3	£134.51
HPC294-013-703	6 x 13	x16	43	24	30	8	32	4.3	£156.28
HPC294-016-704	6 x 16	x20	52	28	40	9	38	5.3	£179.66
HPC294-018-705	6 x 18	x22	60	32	50	9	46	5.3	£196.89
HPC294-021-705	6 x 21	x25	62	34	50	10	48	6.4	£212.33
HPC294-023-706	6 x 23	x28	68	40	60	10	54	6.4	£245.00
HPC294-026-706	6 x 26	x32	70	42	60	10	56	6.4	£267.69
HPC294-028-707	6 x 28	x34	78	48	70	12	63	8.4	£306.27
HPC294-029-707	6 x 29.7	x34.93	80	50	70	12	65	8.4	£378.86
HPC294-032-707	8 x 32	x38	80	50	70	12	65	8.4	£344.82
HPC294-036-708	8 x 36	x42	93	58	80	14	73	8.4	£381.14
HPC294-042-709	8 x 42	x48	95	60	80	16	75	10.5	£415.16
HPC294-046-710	8 x 46	x54	99	65	80	16	80	10.5	£444.66



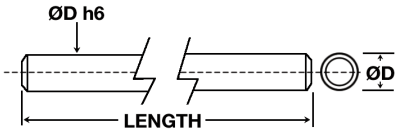
** Price per standard length*

DISCOUNTS	1 - 5	6-9	10-19	20-49	50-99	100-199	200+
	List Price	-20%	-25%	-30%	-40%	-42%	-45%

PART NUMBER	Nom. Dia. ØD h6	Tolerance µm	Standard Length	Maximum Length	Weight per m Kg	Depth of Hardening	* PRICE EACH 1-5
HPCZ-3-300B	3	0/-8	300	1000	0.055	0.8 ± 0.5	£102.06
HPCZ-4-300B	4	0/-8	300	3000	0.098	0.8 ± 0.5	£87.83
HPCZ-5-1000B	5	0/-8	1000	3000	0.15	0.8 ± 0.5	£70.47
HPCZ-6-1000B	6	0/-8	1000	3000	0.22	0.8 ± 0.5	£57.80
HPCZ-8-1000B	8	0/-9	1000	3000	0.39	0.8 ± 0.5	£57.80
HPCZ-10-1000B	10	0/-9	1000	3000	0.61	1.0 ± 1.0	£71.74
HPCZ-12-1000B	12	0/-11	1000	6000	0.89	1.0 ± 1.0	£71.74
HPCZ-15-1000B	15	0/-11	1000	6000	1.38	1.0 ± 1.0	£101.66
HPCZ-16-1000B	16	0/-11	1000	6000	1.57	1.0 ± 1.0	£90.19
HPCZ-20-1000B	20	0/-13	1000	6000	2.46	1.5 ± 1.0	£123.58
HPCZ-25-1000B	25	0/-13	1000	6000	3.86	1.5 ± 1.0	£171.27
HPCZ-30-1000B	30	0/-13	1000	6000	5.54	2.0 ± 1.5	£231.48
HPCZ-40-1000B	40	0/-13	1000	6000	9.86	2.0 ± 1.5	£285.26
HPCZ-50-1000B	50	0/-13	1000	6000	15.41	2.0 ± 1.5	£444.53
HPCZ-60-1000B	60	0/-13	1000	6000	22.19	2.0 ± 1.5	£769.08

Extras

h6 tolerance : For use with linear Bearings. Other tolerances available.
Special machining, other materials and imperial sizes available.



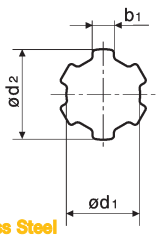
** Price per standard length*

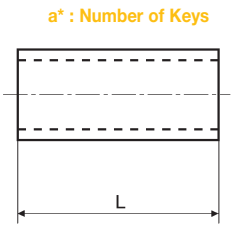
DISCOUNTS	1 - 5	6-9	10-19	20-49	50-99	100-199	200+
	List Price	-20%	-25%	-30%	-40%	-42%	-45%

PART NUMBER	Nom. Dia. ØD h6	Tolerance µm	Standard Length	Maximum Length	Weight per m Kg	Depth of Hardening	* PRICE EACH 1-5
HPCZ-4-1000A	4	0/-8	1000	3000	0.098	0.5 ± 0.5	£61.77
HPCZ-5-1000A	5	0/-8	1000	3000	0.15	0.5 ± 0.5	£46.65
HPCZ-6-1000A	6	0/-8	1000	3000	0.22	0.5 ± 0.5	£21.92
HPCZ-8-1000A	8	0/-9	1000	3000	0.39	0.5 ± 0.5	£21.92
HPCZ-10-1000A	10	0/-9	1000	3000	0.61	0.8 ± 0.5	£27.88
HPCZ-12-1000A	12	0/-11	1000	6000	0.89	0.8 ± 0.5	£27.88
HPCZ-14-1000A	14	0/-11	1000	6000	1.21	0.8 ± 0.5	£33.88
HPCZ-15-1000A	15	0/-11	1000	6000	1.38	0.8 ± 0.5	£48.11
HPCZ-16-1000A	16	0/-11	1000	6000	1.57	0.8 ± 0.5	£31.87
HPCZ-18-1000A	18	0/-11	1000	6000	1.99	0.8 ± 0.5	£35.86
HPCZ-20-1000A	20	0/-13	1000	6000	2.46	1.2 ± 0.8	£39.90
HPCZ-22-1000A	22	0/-13	1000	6000	2.98	1.2 ± 0.8	£89.69
HPCZ-25-1000A	25	0/-13	1000	6000	3.86	1.2 ± 0.8	£63.77
HPCZ-30-1000A	30	0/-13	1000	6000	5.54	1.5 ± 1.0	£63.77
HPCZ-40-1000A	40	0/-16	1000	6000	9.86	1.5 ± 1.0	£126.25
HPCZ-50-1000A	50	0/-16	1000	6000	15.41	1.5 ± 1.0	£161.75
HPCZ-60-1000A	60	0/-19	1000	6000	22.19	1.5 ± 1.0	£230.28
HPCZ-80-1000A	80	0/-19	1000	6000	39.45	3.2 ± 1.5	£271.41

Extras

h6 tolerance : For use with linear Bearings. Other tolerances available.
Special machining, other materials and imperial sizes available.



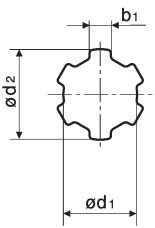


Also available in Stainless Steel

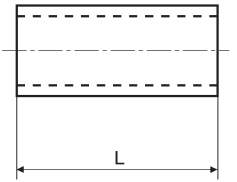
DISCOUNTS	1 - 5	6-19	20-39	40-59	60-99	100-499	500-999	1000+
	List Price	-10%	-20%	-30%	-35%	-40%	-50%	-60%

PART NUMBER	a* x d1 0 -0.08	x d2 -0.07 -0.27	b 0 -0.08	Length mm	PRICE EACH 1-5
HPC294-111-025	6 x 11	x14	3	250	£24.46
HPC294-111-050	6 x 11	x14	3	500	£31.99
HPC294-111-100	6 x 11	x14	3	1000	£37.64
HPC294-111-200	6 x 11	x14	3	2000	£75.28
HPC294-111-300	6 x 11	x14	3	3000	£112.92
HPC294-113-025	6 x 13	x16	3.5	250	£28.30
HPC294-113-050	6 x 13	x16	3.5	500	£37.01
HPC294-113-100	6 x 13	x16	3.5	1000	£43.54
HPC294-113-200	6 x 13	x16	3.5	2000	£87.09
HPC294-113-300	6 x 13	x16	3.5	3000	£130.63
HPC294-116-025	6 x 16	x20	4	250	£44.82
HPC294-116-050	6 x 16	x20	4	500	£58.60
HPC294-116-100	6 x 16	x20	4	1000	£68.95
HPC294-116-200	6 x 16	x20	4	2000	£137.90
HPC294-116-300	6 x 16	x20	4	3000	£206.85
HPC294-118-025	6 x 18	x22	5	250	£53.08
HPC294-118-050	6 x 18	x22	5	500	£69.41
HPC294-118-100	6 x 18	x22	5	1000	£81.66
HPC294-118-200	6 x 18	x22	5	2000	£163.32
HPC294-118-300	6 x 18	x22	5	3000	£244.99

PART NUMBER	a* x d1 0 -0.08	x d2 -0.07 -0.27	b 0 -0.08	Length mm	PRICE EACH 1-5
HPC294-121-025	6 x 21	x25	5	250	£72.18
HPC294-121-050	6 x 21	x25	5	500	£90.30
HPC294-121-100	6 x 21	x25	5	1000	£99.79
HPC294-121-200	6 x 21	x25	5	2000	£199.58
HPC294-121-300	6 x 21	x25	5	3000	£299.38
HPC294-123-025	6 x 23	x28	6	250	£70.78
HPC294-123-050	6 x 23	x28	6	500	£92.76
HPC294-123-100	6 x 23	x28	6	1000	£108.88
HPC294-123-200	6 x 23	x28	6	2000	£217.77
HPC294-123-300	6 x 23	x28	6	3000	£326.66
HPC294-126-025	6 x 26	x32	6	250	£100.25
HPC294-126-050	6 x 26	x32	6	500	£131.10
HPC294-126-100	6 x 26	x32	6	1000	£154.24
HPC294-126-200	6 x 26	x32	6	2000	£308.49
HPC294-126-300	6 x 26	x32	6	3000	£462.73
HPC294-128-025	6 x 28	x34	7	250	£106.15
HPC294-128-050	6 x 28	x34	7	500	£138.81
HPC294-128-100	6 x 28	x34	7	1000	£163.31
HPC294-128-200	6 x 28	x34	7	2000	£326.63
HPC294-128-300	6 x 28	x34	7	3000	£489.94
HPC294-129-025	6 x 28.14	x34.94	8.64	250	£129.75
HPC294-129-050	6 x 28.14	x34.94	8.64	500	£169.68
HPC294-129-100	6 x 28.14	x34.94	8.64	1000	£199.63
HPC294-129-200	6 x 28.14	x34.94	8.64	2000	£399.27
HPC294-129-300	6 x 28.14	x34.94	8.64	3000	£598.90
HPC294-132-025	8 x 32	x38	6	250	£141.56
HPC294-132-050	8 x 32	x38	6	500	£185.12
HPC294-132-100	8 x 32	x38	6	1000	£217.79
HPC294-132-200	8 x 32	x38	6	2000	£435.58
HPC294-132-300	8 x 32	x38	6	3000	£653.37



a* : Number of Keys



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	a* x d1 0 -0.08	x d2 -0.07 -0.27	b 0 -0.08	Length mm	PRICE EACH 1-5
HPC294-136-025	8 x 36	x42	7	250	£174.00
HPC294-136-050	8 x 36	x42	7	500	£227.53
HPC294-136-100	8 x 36	x42	7	1000	£267.69
HPC294-136-200	8 x 36	x42	7	2000	£535.38
HPC294-136-300	8 x 36	x42	7	3000	£674.57
HPC294-142-025	8 x 42	x48	8	250	£235.36
HPC294-142-050	8 x 42	x48	8	500	£307.78
HPC294-142-100	8 x 42	x48	8	1000	£362.10
HPC294-142-200	8 x 42	x48	8	2000	£724.21
HPC294-142-300	8 x 42	x48	8	3000	£1086.31
HPC294-146-025	8 x 46	x54	9	250	£280.18
HPC294-146-050	8 x 46	x54	9	500	£366.38
HPC294-146-100	8 x 46	x54	9	1000	£431.04
HPC294-146-200	8 x 46	x54	9	2000	£862.08
HPC294-146-300	8 x 46	x54	9	3000	£1293.13

'Never Knowingly Outpriced'