

Socket-head screw **DIN 912**



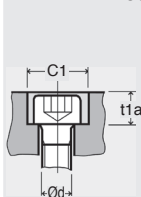
CHC

Steel quality class 12.9

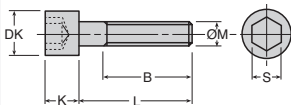
- **Conforms to ISO 4762 and DIN 912**
- Screw quality class 12.9
- Material: Hardened steel 39-44 HRC (oil-hardened)
- Tensile strength: 1220N/mm²
- Elastic limit: 1100N/mm²
- Shear strength: 732N/mm²
- Max. locking torque:
CHC3 = 2 Nm, CHC4 = 4.6 Nm,
CHC5 = 9 Nm, CHC6 = 15.7 Nm
- **Sold by the packet**



Designer's note



Nominal diameter d	Cylindrical screw		
	C1 min.	t1a min.	t1b min.
M1,6	5	1,7	1,2
M2	6	2,1	1,5
M2,5	7	2,7	1,8
M3	8	3,2	2,1
M4	10	4,2	3,0
M5	11	5,3	3,7
M6	13	6,3	4,2
M8	18	8,4	5,3
M10	20	10,5	6,3
M12	22	12,6	7,4



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-20%	On request

Part number	Thread	Total length L	Pitch	B	DK	K	S	Qty per packet	Stock*	Price per packet
CHC1.6-4/B	M1,6	4	0,35	4	3,00	1,60	1,50	200	-	113,59 €
CHC1.6-6/B	M1,6	6	0,35	6	3,00	1,60	1,50	200	✓	113,59 €
CHC2-4/B	M2	4	0,40	4	3,80	2,00	1,50	200	✓	24,34 €
CHC2-5/B	M2	5	0,40	5	3,80	2,00	1,50	200	-	24,34 €
CHC2-6/B	M2	6	0,40	6	3,80	2,00	1,50	200	✓	24,34 €
CHC2-8/B	M2	8	0,40	8	3,80	2,00	1,50	200	✓	24,34 €
CHC2-10/B	M2	10	0,40	10	3,80	2,00	1,50	200	✓	24,34 €
CHC2-12/B	M2	12	0,40	12	3,80	2,00	1,50	200	✓	24,34 €
CHC2.5-5/B	M2,5	5	0,45	5	4,50	2,50	2,00	200	-	31,58 €
CHC2.5-6/B	M2,5	6	0,45	6	4,50	2,50	2,00	200	✓	31,58 €
CHC2.5-8/B	M2,5	8	0,45	8	4,50	2,50	2,00	200	-	31,58 €
CHC2.5-10/B	M2,5	10	0,45	10	4,50	2,50	2,00	200	✓	34,62 €
CHC2.5-12/B	M2,5	12	0,45	12	4,50	2,50	2,00	200	✓	35,98 €
CHC3-6/B	M3	6	0,50	6	5,68	3,00	2,50	200	✓	11,09 €
CHC3-8/B	M3	8	0,50	8	5,68	3,00	2,50	200	✓	8,42 €
CHC3-10/B	M3	10	0,50	10	5,68	3,00	2,50	200	✓	11,66 €
CHC3-12/B	M3	12	0,50	12	5,68	3,00	2,50	200	✓	12,02 €
CHC3-16/B	M3	16	0,50	16	5,68	3,00	2,50	200	✓	13,16 €
CHC3-20/B	M3	20	0,50	20	5,68	3,00	2,50	200	✓	14,49 €
CHC3-25/B	M3	25	0,50	18	5,68	3,00	2,50	200	-	16,35 €
CHC3-30/B	M3	30	0,50	18	5,68	3,00	2,50	200	✓	18,06 €
CHC3-35/B	M3	35	0,50	18	5,68	3,00	2,50	200	-	121,16 €

*Depending on availability - Dimensions in mm

HPC

WEB
04/2020

www.hpceurope.com

Tél: **0 825 88 5000** Service 0,15 €/min + prix appel

Part number	Thread ØM	Total length L	Pitch	B	DK	K	S	Qty per packet	Stock*	Price per packet
CHC4-6/B	M4	6	0,70	6	7,22	4	3	200	-	17,80 €
CHC4-8/B	M4	8	0,70	8	7,22	4	3	200	✓	9,66 €
CHC4-10/B	M4	10	0,70	10	7,22	4	3	200	✓	9,66 €
CHC4-12/B	M4	12	0,70	12	7,22	4	3	200	✓	9,85 €
CHC4-14/B	M4	14	0,70	14	7,22	4	3	200	✓	18,42 €
CHC4-16/B	M4	16	0,70	16	7,22	4	3	200	✓	10,13 €
CHC4-20/B	M4	20	0,70	20	7,22	4	3	200	✓	11,42 €
CHC4-25/B	M4	25	0,70	25	7,22	4	3	200	✓	12,20 €
CHC4-30/B	M4	30	0,70	20	7,22	4	3	200	✓	13,95 €
CHC4-35/B	M4	35	0,70	20	7,22	4	3	100	✓	7,92 €
CHC4-40/B	M4	40	0,70	20	7,22	4	3	100	✓	9,35 €
CHC4-45/B	M4	45	0,70	20	7,22	4	3	100	-	13,56 €
CHC4-50/B	M4	50	0,70	20	7,22	4	3	200	✓	29,51 €
CHC5-8/B	M5	8	0,80	8	8,72	5	4	200	✓	10,52 €
CHC5-10/B	M5	10	0,80	10	8,72	5	4	200	✓	10,66 €
CHC5-12/B	M5	12	0,80	12	8,72	5	4	200	✓	10,95 €
CHC5-16/B	M5	16	0,80	16	8,72	5	4	200	✓	12,73 €
CHC5-18/B	M5	18	0,80	18	8,72	5	4	200	-	18,63 €
CHC5-20/B	M5	20	0,80	20	8,72	5	4	200	✓	13,88 €
CHC5-25/B	M5	25	0,80	25	8,72	5	4	200	✓	14,85 €
CHC5-30/B	M5	30	0,80	22	8,72	5	4	200	✓	15,42 €
CHC5-35/B	M5	35	0,80	22	8,72	5	4	100	✓	8,74 €
CHC5-40/B	M5	40	0,80	22	8,72	5	4	100	✓	9,63 €
CHC5-45/B	M5	45	0,80	22	8,72	5	4	100	-	10,74 €
CHC5-50/B	M5	50	0,80	22	8,72	5	4	100	✓	11,49 €
CHC5-60/B	M5	60	0,80	22	8,72	5	4	100	-	19,63 €
CHC5-70/B	M5	70	0,80	22	8,72	5	4	100	-	30,94 €
CHC6-8/B	M6	8	1,00	8	10,22	6	5	200	✓	31,77 €
CHC6-10/B	M6	10	1,00	10	10,22	6	5	200	✓	14,42 €
CHC6-12/B	M6	12	1,00	12	10,22	6	5	200	✓	11,66 €
CHC6-16/B	M6	16	1,00	16	10,22	6	5	200	✓	13,28 €
CHC6-18/B	M6	18	1,00	18	10,22	6	5	200	-	29,98 €
CHC6-20/B	M6	20	1,00	20	10,22	6	5	200	✓	14,95 €
CHC6-25/B	M6	25	1,00	25	10,22	6	5	200	✓	17,06 €
CHC6-30/B	M6	30	1,00	30	10,22	6	5	200	✓	19,42 €
CHC6-35/B	M6	35	1,00	24	10,22	6	5	100	✓	10,88 €
CHC6-40/B	M6	40	1,00	24	10,22	6	5	100	✓	12,06 €
CHC6-45/B	M6	45	1,00	24	10,22	6	5	100	-	13,23 €
CHC6-50/B	M6	50	1,00	24	10,22	6	5	100	✓	14,77 €
CHC6-55/B	M6	55	1,00	24	10,22	6	5	100	-	16,09 €
CHC6-60/B	M6	60	1,00	24	10,22	6	5	100	✓	17,13 €
CHC6-70/B	M6	70	1,00	24	10,22	6	5	100	-	28,84 €
CHC6-80/B	M6	80	1,00	24	10,22	6	5	100	-	33,98 €
CHC6-90/B	M6	90	1,00	24	10,22	6	5	100	-	37,44 €
CHC6-100/B	M6	100	1,00	24	10,22	6	5	100	-	44,86 €
CHC6-110/B	M6	110	1,00	24	10,22	6	5	100	-	66,71 €

*Depending on availability - Dimensions in mm

Socket-head screw **DIN 912**



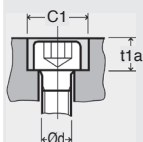
CHC

Steel quality class 12.9

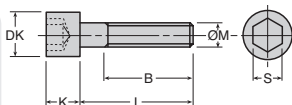
- **Conforms to ISO 4762 and DIN 912**
- Screw quality class 12.9
- Material: Hardened steel 39-44 HRC (oil-hardened)
- Tensile strength: 1220N/mm²
- Elastic limit: 1100N/mm²
- Shear strength: 732N/mm²
- Max. locking torque:
- CHC3 = 2 Nm, CHC4 = 4.6 Nm, CHC5 = 9 Nm, CHC6 = 15.7 Nm
- **Sold by the packet**



Designer's note



Nominal diameter d	Cylindrical screw		
	C1 min.	t1a min.	t1b min.
M1,6	5	1,7	1,2
M2	6	2,1	1,5
M2,5	7	2,7	1,8
M3	8	3,2	2,1
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M5	11	5,3	3,7
M6	13	6,3	4,2
M8	18	8,4	5,3
M10	20	10,5	6,3
M12	22	12,6	7,4



DISCOUNTS

Qty	1+	2+	4+
Disc.	List -20%	On request	

Part number	Thread	Total length L	Pitch	B	DK	K	S	Qty per packet	Stock*	Price per packet
CHC8-12/B	M8	12	1,25	12	13,27	8	6	200	-	45,33 €
CHC8-16/B	M8	16	1,25	16	13,27	8	6	200	✓	26,06 €
CHC8-20/B	M8	20	1,25	20	13,27	8	6	200	✓	28,98 €
CHC8-25/B	M8	25	1,25	25	13,27	8	6	200	✓	32,01 €
CHC8-30/B	M8	30	1,25	30	13,27	8	6	200	✓	35,77 €
CHC8-35/B	M8	35	1,25	35	13,27	8	6	100	✓	19,77 €
CHC8-40/B	M8	40	1,25	28	13,27	8	6	100	✓	21,99 €
CHC8-45/B	M8	45	1,25	28	13,27	8	6	100	-	24,27 €
CHC8-50/B	M8	50	1,25	28	13,27	8	6	100	✓	26,41 €
CHC8-60/B	M8	60	1,25	28	13,27	8	6	100	✓	30,98 €
CHC8-70/B	M8	70	1,25	28	13,27	8	6	100	-	36,34 €
CHC8-80/B	M8	80	1,25	28	13,27	8	6	100	-	40,84 €
CHC8-90/B	M8	90	1,25	28	13,27	8	6	50	-	22,52 €
CHC8-100/B	M8	100	1,25	28	13,27	8	6	50	-	28,20 €
CHC8-110/B	M8	110	1,25	28	13,27	8	6	50	-	39,22 €
CHC8-120/B	M8	120	1,25	28	13,27	8	6	50	-	44,33 €
CHC8-130/B	M8	130	1,25	28	13,27	8	6	50	-	55,40 €

*Depending on availability - Dimensions in mm

DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-20%	On request

Part number	Thread ØM	Total length L	Pitch	B	DK	K	S	Qty per packet	Stock*	Price per packet
CHC10-16/B	M10	16	1,50	16	16,27	10	8	100	-	25,98 €
CHC10-20/B	M10	20	1,50	20	16,27	10	8	100	-	24,63 €
CHC10-25/B	M10	25	1,50	25	16,27	10	8	100	-	24,91 €
CHC10-30/B	M10	30	1,50	30	16,27	10	8	100	✓	29,94 €
CHC10-35/B	M10	35	1,50	35	16,27	10	8	100	-	32,73 €
CHC10-40/B	M10	40	1,50	40	16,27	10	8	100	-	36,41 €
CHC10-50/B	M10	50	1,50	32	16,27	10	8	100	✓	43,19 €
CHC10-60/B	M10	60	1,50	32	16,27	10	8	100	-	50,12 €
CHC10-70/B	M10	70	1,50	32	16,27	10	8	50	✓	27,94 €
CHC10-80/B	M10	80	1,50	32	16,27	10	8	50	✓	33,70 €
CHC12-20/B	M12	20	1,75	20	18,27	12	10	50	-	28,37 €
CHC12-25/B	M12	25	1,75	25	18,27	12	10	50	-	19,70 €
CHC12-30/B	M12	30	1,75	30	18,27	12	10	50	✓	21,95 €
CHC12-35/B	M12	35	1,75	35	18,27	12	10	50	-	23,80 €
CHC12-40/B	M12	40	1,75	40	18,27	12	10	50	-	25,87 €
CHC12-50/B	M12	50	1,75	36	18,27	12	10	50	-	30,55 €
CHC12-60/B	M12	60	1,75	36	18,27	12	10	50	✓	35,62 €
CHC12-70/B	M12	70	1,75	36	18,27	12	10	50	-	40,30 €
CHC12-80/B	M12	80	1,75	36	18,27	12	10	50	-	46,19 €
CHC12-90/B	M12	90	1,75	36	18,27	12	10	50	-	51,69 €
CHC12-100/B	M12	100	1,75	36	18,27	12	10	50	-	56,57 €
CHC12-110/B	M12	110	1,75	36	18,27	12	10	50	-	63,14 €
CHC12-120/B	M12	120	1,75	36	18,27	12	10	50	-	67,21 €
CHC12-130/B	M12	130	1,75	36	18,27	12	10	50	-	102,10 €
CHC12-140/B	M12	140	1,75	36	18,27	12	10	50	-	110,45 €
CHC12-150/B	M12	150	1,75	36	18,27	12	10	50	-	144,75 €
CHC12-160/B	M12	160	1,75	36	18,27	12	10	25	-	91,85 €
CHC12-180/B	M12	180	1,75	36	18,27	12	10	25	-	102,53 €
CHC12-200/B	M12	200	1,75	36	18,27	12	10	25	-	138,47 €

*Depending on availability - Dimensions in mm

Our other products



HG6-ECO

Eco range Spur gear,
Steel C45



B5cm

Knurled torque knobs
- male, Knurled
threaded torque



S20

Short housing for
open linear bearing,
Opened - slim



SLB

Indexing plunger,
steel class 5.8



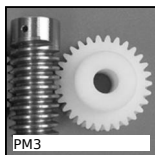
MAX22

Motor-gearbox 12V
and 24V DC, from
0,07 to 0,2Nm



PTA50ssEB

Articulated foot with
sheet metal base
Ø50, Articulated foot



PM3

Worm and wheel set,
Machined plastic
(delrin)



DIL

Lever operated
locking bolt, lever
clamp



BIMSS

Indexing plunger mini,
miniature - Stainless
steel



DOMI50

Connecting kits, XY
linking kit



PO

Pull handle - Multi-
sector, Smooth hole



P70

Worm and wheel gear
reducer, up to 164
Nm

Complementary products



CHCSS

Socket headed screw,
Stainless steel - A2



SHN

Hexagonal nut
DIN934, Steel (Class
6[8])



PRF-SCL

Lock for aluminium
profile, Lock for
sliding doors



PRF-SMA

Closing system for
aluminium profile,
Easily adjustable lock