

# Socket-head screw **DIN 912**



## CHC

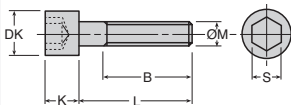
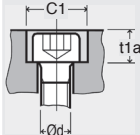
## Steel quality class 12.9

- **Conforms to ISO 4762 and DIN 912**
- Screw quality class 12.9
- Material: Hardened steel 39-44 HRC (oil-hardened)
- Tensile strength: 1220N/mm<sup>2</sup>
- Elastic limit: 1100N/mm<sup>2</sup>
- Shear strength: 732N/mm<sup>2</sup>
- 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

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**



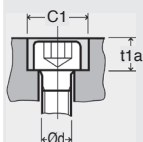
## CHC

## Steel quality class 12.9

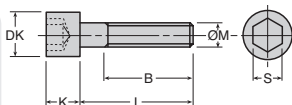
- **Conforms to ISO 4762 and DIN 912**
- Screw quality class 12.9
- Material: Hardened steel 39-44 HRC (oil-hardened)
- Tensile strength: 1220N/mm<sup>2</sup>
- Elastic limit: 1100N/mm<sup>2</sup>
- Shear strength: 732N/mm<sup>2</sup>
- Max. locking torque:
- CHC3 = 2 Nm, CHC4 = 4.6 Nm, CHC5 = 9 Nm,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

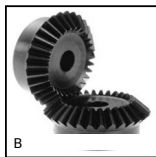
## DISCOUNTS

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



B  
Steel bevel gear, 1:1



EML  
Stainless steel  
hexagonal headed  
thumb nut, Lobed  
handscrew



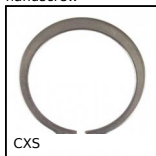
PSG1  
Spur gear - precision  
range, Pre-hardened  
Steel 35NCD6



BZY  
Cylindrical elasto  
mount, Steel



LFM2  
Steel leadscrew,  
Medium carbon steel -  
2 threads



CXS  
External circlip  
DIN471, external DIN  
471



PO  
Pull handle - Multi-  
sector, Tapped  
recessed insert



DOMI80  
Accessories, Clamping  
lever



AC156-157  
Strike for toggle latch,  
25.5mm



RCX-6  
Spherical tilt washer -  
DIN6319, convex



ZDB  
Machined plastic  
bevel gear, 2:1



BIM  
Indexing plunger mini,  
miniature

## 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