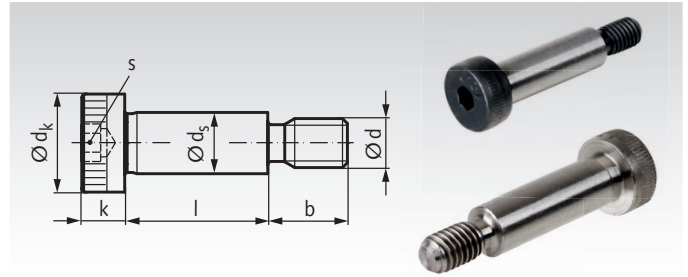


## Socket Shoulder Screws similar ISO 7379

Material: Steel strength 12.9, partially black oxide finish.  
Stainless steel 1.4301 (AISI 304).



Screws with precision fit cylinder for multiple usage.  
These screws have the usual differences to the norm ISO 7379, like it is common on the market. Please note the information on the next page.



Ordering Details: e.g.: Product No. 619 704 004, Head shoulder screw  
ISO 7379 12.9 4 x 4mm

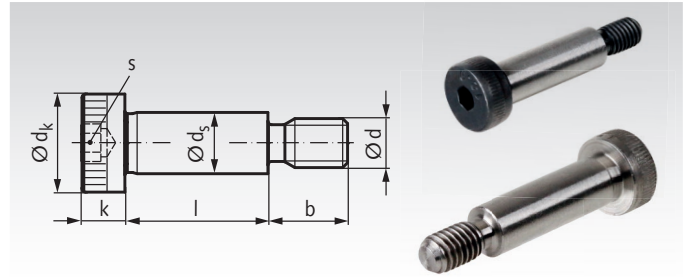
Product No. Steel 12.9	Product No. Stainless	d <sub>s</sub> <sup>f9</sup> mm	l <sub>±0,25</sub> mm	d mm	b mm	d <sub>k</sub> mm	k mm	s mm	Weight g
619 704 004	619 804 004	4	4	M3	7	7	3	2	1,4
619 704 005	619 804 005	4	5	M3	7	7	3	2	1,5
619 704 006	619 804 006	4	6	M3	7	7	3	2	1,6
619 704 008	619 804 008	4	8	M3	7	7	3	2	1,8
619 704 010	619 804 010	4	10	M3	7	7	3	2	2,0
619 704 012	619 804 012	4	12	M3	7	7	3	2	2,2
619 704 016	619 804 016	4	16	M3	7	7	3	2	2,6
619 704 020	-	4	20	M3	7	7	3	2	3,0
619 704 025	-	4	25	M3	7	7	3	2	3,5
619 704 030	-	4	30	M3	7	7	3	2	3,9
619 705 005	619 805 005	5	5	M4	8	9	4	2,5	2,6
619 705 006	619 805 006	5	6	M4	8	9	4	2,5	2,8
619 705 008	619 805 008	5	8	M4	8	9	4	2,5	3,1
619 705 010	619 805 010	5	10	M4	8	9	4	2,5	3,4
619 705 012	619 805 012	5	12	M4	8	9	4	2,5	3,7
619 705 016	619 805 016	5	16	M4	8	9	4	2,5	4,3
619 705 020	619 805 020	5	20	M4	8	9	4	2,5	4,9
619 705 025	619 805 025	5	25	M4	8	9	4	2,5	5,7
619 705 030	619 805 030	5	30	M4	8	9	4	2,5	6,5
619 705 040	-	5	40	M4	8	9	4	2,5	8,0
619 706 010	619 806 010	6	10	M5	9,5	10	4,5	3	5,3
619 706 012	619 806 012	6	12	M5	9,5	10	4,5	3	5,8
619 706 016	619 806 016	6	16	M5	9,5	10	4,5	3	6,7
619 706 020	619 806 020	6	20	M5	9,5	10	4,5	3	7,5
619 706 025	619 806 025	6	25	M5	9,5	10	4,5	3	8,7
619 706 030	619 806 030	6	30	M5	9,5	10	4,5	3	9,8
619 706 035	-	6	35	M5	9,5	10	4,5	3	11
619 706 040	619 806 040	6	40	M5	9,5	10	4,5	3	12
619 706 045	-	6	45	M5	9,5	10	4,5	3	13
619 706 050	619 806 050	6	50	M5	9,5	10	4,5	3	14
619 706 055	-	6	55	M5	9,5	10	4,5	3	15
619 706 060	619 806 060	6	60	M5	9,5	10	4,5	3	16
619 706 065	-	6	65	M5	9,5	10	4,5	3	18
619 706 070	-	6	70	M5	9,5	10	4,5	3	19
619 706 080	-	6	80	M5	9,5	10	4,5	3	21
619 708 016	619 808 016	8	16	M6	11	13	5,5	4	13
619 708 020	619 808 020	8	20	M6	11	13	5,5	4	14
619 708 025	619 808 025	8	25	M6	11	13	5,5	4	16
619 708 030	619 808 030	8	30	M6	11	13	5,5	4	18
619 708 035	-	8	35	M6	11	13	5,5	4	20
619 708 040	619 808 040	8	40	M6	11	13	5,5	4	22
619 708 045	-	8	45	M6	11	13	5,5	4	24
619 708 050	619 808 050	8	50	M6	11	13	5,5	4	26
619 708 055	-	8	55	M6	11	13	5,5	4	28
619 708 060	619 808 060	8	60	M6	11	13	5,5	4	30
619 708 065	-	8	65	M6	11	13	5,5	4	32
619 708 070	-	8	70	M6	11	13	5,5	4	34
619 708 080	-	8	80	M6	11	13	5,5	4	38
619 708 090	-	8	90	M6	11	13	5,5	4	42
619 708 100	-	8	100	M6	11	13	5,5	4	46
619 710 016	619 810 016	10	16	M8	13	16	7	5	22
619 710 020	619 810 020	10	20	M8	13	16	7	5	25
619 710 025	619 810 025	10	25	M8	13	16	7	5	28
619 710 030	619 810 030	10	30	M8	13	16	7	5	31
619 710 035	-	10	35	M8	13	16	7	5	34
619 710 040	619 810 040	10	40	M8	13	16	7	5	37
619 710 045	-	10	45	M8	13	16	7	5	40
619 710 050	619 810 050	10	50	M8	13	16	7	5	43
619 710 055	-	10	55	M8	13	16	7	5	46
619 710 060	619 810 060	10	60	M8	13	16	7	5	49
619 710 065	-	10	65	M8	13	16	7	5	52
619 710 070	619 810 070	10	70	M8	13	16	7	5	56
619 710 080	619 810 080	10	80	M8	13	16	7	5	62
619 710 090	619 810 090	10	90	M8	13	16	7	5	68
619 710 100	619 810 100	10	100	M8	13	16	7	5	74

## Socket Shoulder Screws similar ISO 7379

**Material:** Steel strength 12.9, partially black oxide finish.  
Stainless steel 1.4301 (AISI 304).



Screws with precision fit cylinder for multiple usage.  
These screws have the usual differences to the norm ISO 7379, like it is common on the market. Please note the information on the bottom of this page.



Ordering Details: e.g.: Product No. 619 712 016, Head shoulder screw  
ISO 7379 12.9 12 x 16 mm

Product No. Steel 12.9	Product No. Stainless	$d_s^{f9}$ mm	$l_{\pm 0,25}$ mm	d mm	b mm	$d_k$ mm	k mm	s mm	Weight g
619 712 016	619 812 016	12	16	M10	16	18	8 / 9*	6	36
619 712 020	619 812 020	12	20	M10	16	18	8 / 9*	6	39
619 712 025	619 812 025	12	25	M10	16	18	8 / 9*	6	44
619 712 030	619 812 030	12	30	M10	16	18	8 / 9*	6	48
619 712 035	-	12	35	M10	16	18	8 / 9*	6	52
619 712 040	619 812 040	12	40	M10	16	18	8 / 9*	6	57
619 712 045	-	12	45	M10	16	18	8 / 9*	6	61
619 712 050	619 812 050	12	50	M10	16	18	8 / 9*	6	66
619 712 055	-	12	55	M10	16	18	8 / 9*	6	70
619 712 060	619 812 060	12	60	M10	16	18	8 / 9*	6	75
619 712 065	-	12	65	M10	16	18	8 / 9*	6	79
619 712 070	619 812 070	12	70	M10	16	18	8 / 9*	6	84
619 712 080	619 812 080	12	80	M10	16	18	8 / 9*	6	92
619 712 090	619 812 090	12	90	M10	16	18	8 / 9*	6	101
619 712 100	619 812 100	12	100	M10	16	18	8 / 9*	6	110
619 716 025	-	16	25	M12	18	24	11	8	85
619 716 030	619 816 030	16	30	M12	18	24	11	8	94
619 716 035	-	16	35	M12	18	24	11	8	100
619 716 040	619 816 040	16	40	M12	18	24	11	8	108
619 716 045	-	16	45	M12	18	24	11	8	118
619 716 050	619 816 050	16	50	M12	18	24	11	8	126
619 716 055	-	16	55	M12	18	24	11	8	131
619 716 060	619 816 060	16	60	M12	18	24	11	8	140
619 716 065	-	16	65	M12	18	24	11	8	148
619 716 070	619 816 070	16	70	M12	18	24	11	8	155
619 716 080	619 816 080	16	80	M12	18	24	11	8	160
619 716 090	619 816 090	16	90	M12	18	24	11	8	186
619 716 100	619 816 100	16	100	M12	18	24	11	8	200
619 720 030	-	20	30	M16	22	30	14	10	169
619 720 035	-	20	35	M16	22	30	14	10	170
619 720 040	-	20	40	M16	22	30	14	10	195
619 720 045	-	20	45	M16	22	30	14	10	205
619 720 050	-	20	50	M16	22	30	14	10	220
619 720 055	-	20	55	M16	22	30	14	10	230
619 720 060	-	20	60	M16	22	30	14	10	244
619 720 065	-	20	65	M16	22	30	14	10	260
619 720 070	-	20	70	M16	22	30	14	10	266
619 720 080	-	20	80	M16	22	30	14	10	290
619 720 090	-	20	90	M16	22	30	14	10	315
619 720 100	-	20	100	M16	22	30	14	10	340
619 724 050	-	24	50	M20	27	36	16	12	340
619 724 055	-	24	55	M20	27	36	16	12	360
619 724 060	-	24	60	M20	27	36	16	12	370
619 724 065	-	24	65	M20	27	36	16	12	393
619 724 070	-	24	70	M20	27	36	16	12	410
619 724 080	-	24	80	M20	27	36	16	12	450
619 724 090	-	24	90	M20	27	36	16	12	480
619 724 100	-	24	100	M20	27	36	16	12	516

\* At screw 12.9, the height of head is 8 mm. At stainless screw, the height of head is 9 mm.

### Note

These screws have the usual differences to the norm ISO 7379, like it is common on the market:

- Ø 4 mm and Ø 5 mm are not included in the ISO.
- Ø 6 mm instead of ISO Ø 6.5 mm.
- Ø 12 mm instead of ISO Ø 13 mm.
- Ø 24 mm instead of ISO Ø 25 mm.
- Concentricity 2 IT 13 and 2 IT 10 may vary.
- The stainless steel version is not included in the ISO. Due to the material, the strength is lower.

### Fastening Torque

Because of the small contact areas and the recesses, the tightening torque is much smaller than the torque for a standard bolt with strength 12.9 or a stainless steel bolt A2-70 of the same thread size. Also, the strength of the contact areas of the corresponding parts must be considered.