Swivel Eye Bolts



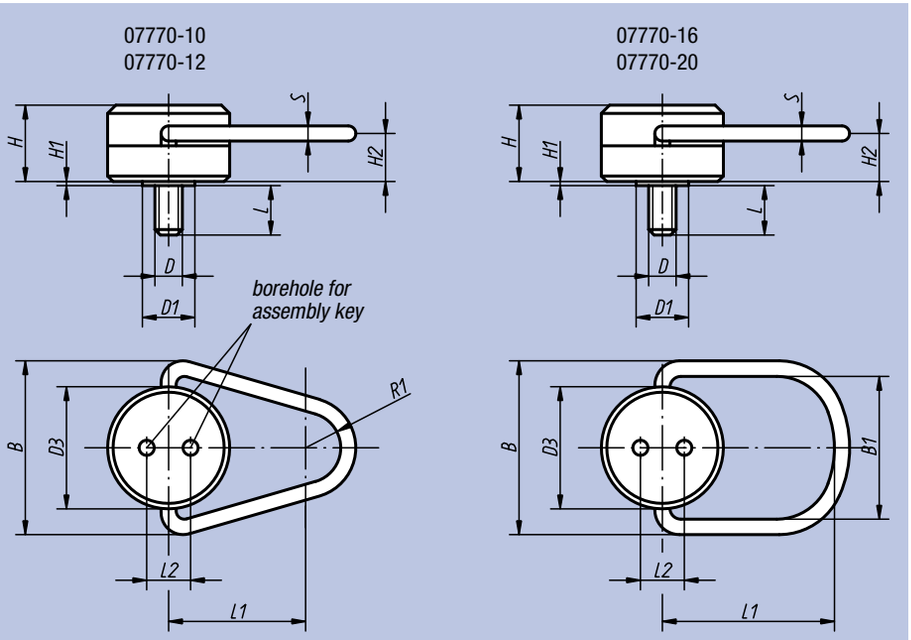
Material:
Tempered steel or stainless steel

Surface finish:
Steel black oxide finish, stainless steel natural finish

Sample order:
nlm Swivel Eye Bolt 07770-10
nlm Assembly key 07770-101

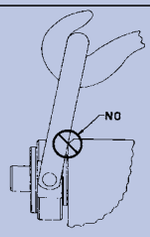
Note Swivel Eye Bolts:
Do not use spacer washers between the bushing flange and support surface.
Keep to the permissible counterbore diameter (D2) of the threaded protective hole.
Fasten the screws to the stated torque.
Check and tighten the screws regularly. After assembly, check if the clevis turns freely in all directions.
Lift with care! Avoid impacts!
In no event must the permissible load stamped on the Swivel Eye Bolts be exceeded.
Safety data sheet available at extra cost.

Note Assembly key:
- Insert the assembly key in the existing holes in the Swivel Eye Bolt.
- Tighten the Swivel Eye Bolt to the recommended torque using a torque spanner.
- Keep to the permissible counterbore diameter of the threaded protective hole.

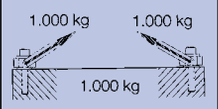




Important! Never use excessively large slings or other systems, as they could open the eye or lead to the opening of the U bow.



Check that the eye turns/swivels freely in all directions.



Avoid excessively sharp angles. To sling a load weighing 1000 kg atached in two locations with a 30° angle, each suspension must be capable of taking a load of 1000 kg.

Order No. Swivel eye bolt	Material	B	B1	D	D1	D2	D3	H	H1	H2	L	L1	L2	R1	S	max. permissible load kg	kg
07770-10	steel	66,7	-	M10	19,1	13	44,5	27,8	1,2	17,9	14,6	50,8	16,3	12,7	7,9	500	0,375
07770-12	steel	66,7	-	M12	19,1	16	44,5	27,8	1,2	17,9	19,1	50,8	16,3	12,7	7,9	700	0,379
07770-16	steel	96,8	70	M16	22,2	19	63,5	38,5	0,8	22,6	23,8	88,9	23,1	-	12,7	1500	1,248
07770-20	steel	96,8	70	M20	25,4	22	63,5	38,5	0,8	22,6	30,2	88,9	23,1	-	12,7	2000	1,290
07770-110	stainless steel	66,7	-	M10	19,1	13	44,5	27,8	1,2	17,9	14,6	50,8	16,3	12,7	7,9	250	0,375
07770-112	stainless steel	66,7	-	M12	19,1	16	44,5	27,8	1,2	17,9	19,1	50,8	16,3	12,7	7,9	350	0,379
07770-116	stainless steel	96,8	70	M16	22,2	19	63,5	38,5	0,8	22,6	23,8	88,9	23,1	-	12,7	750	1,248
07770-120	stainless steel	96,8	70	M20	25,4	22	63,5	38,5	0,8	22,6	30,2	88,9	23,1	-	12,7	1000	1,290

Order No. Assembly key	Recommended tightening torque Nm	D2	L1	L2	L3	SW	SW1	Suitable for lifting ring: Order No.
07770-101	10	13	14	16,3	17,5	24	1/4˝	07770-10, 07770-12
	25	16	14	16,3	17,5	24	1/4"	07770-110, 07770-112
07770-201	50	19	16,5	23,1	28,6	32	3/8˝	07770-16, 07770-20
	80	22	16,5	23,1	28,6	32	3/8"	07770-116, 07770-120