

Selection of the appropriate program for the Ballistic-Information-System BIS®



First select the right table below, corresponding to the measuring units (meter or yard) and the sight in distance.

Then compare the bullet drop of your ammunition with the 6 programs from the selected table.

If you know the bullet drop for 300 m or 300 yd, simply select the most appropriate curve from this column.

Example: The riflescope is sighted in at GEE (4 cm high at 100 m) and the ammunition being used is RWS 7x57.

According to the manufacturer's specifications, the bullet drop is - 42 cm at 300 m.

Therefore, table 2 for GEE is used. In the 300 m column the value "- 45.2 cm" fits most closely with the actual bullet drop.

Thus, curve EU⁴ should be set on the product.

Bullet drop table 1

Programs EU 1 to EU 6 for measuring in meter and sight in distance of 100 m:

	100 m	150 m	200 m	250 m	300 m	350 m	400 m	500 m
EU 1	0 cm	-2,1 cm	-7,7 cm	-17,1 cm	-31,2 cm	-50,5 cm	-75 cm	-146 cm
EU 2	0 cm	-2,9 cm	-10,0 cm	-22,1 cm	-39,7 cm	-63,1 cm	-95 cm	-184 cm
EU 3	0 cm	-4,0 cm	-13,1 cm	-27,5 cm	-47,6 cm	-74 cm	-108 cm	-203 cm
EU 4	0 cm	-5,3 cm	-16,3 cm	-33,2 cm	-57,2 cm	-89 cm	-130 cm	-239 cm
EU 5	0 cm	-6,2 cm	-18,0 cm	-38,9 cm	-67,3 cm	-105 cm	-151 cm	-276 cm
EU 6	0 cm	-8,1 cm	-25,0 cm	-51,7 cm	-91,4 cm	-146 cm	-218 cm	-426 cm

Bullet drop table 2

Programs EU⁰1 to EU⁰6 for measuring in meter and sight in distance of GEE (4 cm high at 100 m):

	100 m	150 m	200 m	250 m	300 m	350 m	400 m	500 m
EU⁰1	4 cm	3,9 cm	0,3 cm	-7,1 cm	-19,2 cm	-36,5 cm	-59 cm	-126 cm
EU⁰2	4 cm	3,1 cm	-2,0 cm	-12,1 cm	-27,7 cm	-49,1 cm	-79 cm	-164 cm
EU⁰3	4 cm	2,0 cm	-5,1 cm	-17,5 cm	-35,6 cm	-60 cm	-92 cm	-183 cm
EU⁰4	4 cm	0,7 cm	-8,3 cm	-23,2 cm	-45,2 cm	-75 cm	-114 cm	-219 cm
EU⁰5	4 cm	-0,2 cm	-10,7 cm	-28,9 cm	-55,3 cm	-91 cm	-135 cm	-256 cm
EU⁰6	4 cm	-2,1 cm	-17,0 cm	-41,7 cm	-79,4 cm	-132 cm	-202 cm	-406 cm

Bullet drop table 3

Programs US 1 to US 6 for measuring in yard and sight in distance of 100 yd:

	100 yd	150 yd	200 yd	250 yd	300 yd	350 yd	400 yd	500 yd
US 1	0 in	-0,5 in	-2,1 in	-4,9 in	-9,2 in	-15 in	-23 in	-44 in
US 2	0 in	-0,8 in	-2,8 in	-6,4 in	-11,8 in	-19 in	-29 in	-57 in
US 3	0 in	-1,1 in	-3,7 in	-8,1 in	-14,4 in	-23 in	-33 in	-63 in
US 4	0 in	-1,5 in	-4,7 in	-9,9 in	-17,4 in	-27 in	-40 in	-75 in
US 5	0 in	-1,8 in	-5,4 in	-11,6 in	-20,4 in	-32 in	-47 in	-86 in
US 6	0 in	-2,0 in	-7,2 in	-15,4 in	-27 in	-44 in	-66 in	-129 in

Bullet drop table 4

Programs UÜ⁰1 to UÜ⁰6 for measuring in yard and sight in distance of 200 yd:

	100 yd	150 yd	200 yd	250 yd	300 yd	350 yd	400 yd	500 yd
UÜ⁰1	2,1 in	1,6 in	0 in	-2,8 in	-7,1 in	-13,0 in	-20,7 in	-42 in
UÜ⁰2	2,8 in	2,0 in	0 in	-3,6 in	-9,0 in	-16,3 in	-26 in	-53 in
UÜ⁰3	3,7 in	2,6 in	0 in	-4,4 in	-10,7 in	-18,9 in	-30 in	-59 in
UÜ⁰4	4,7 in	3,2 in	0 in	-5,3 in	-12,6 in	-22,6 in	-35 in	-70 in
UÜ⁰5	5,4 in	3,6 in	0 in	-6,2 in	-15,0 in	-27 in	-42 in	-81 in
UÜ⁰6	7,2 in	4,9 in	0 in	-8,2 in	-20,1 in	-37 in	-59 in	-122 in

Using the rangefinder without ballistic program:

When the programs EU 0 or US 0 are selected, the ballistic information system is switched off and only the range is displayed.

Program EU 0 displays the distance in meter, program US 0 displays the distance in yard