

Shaped charges with the maximum operating temperature up to 204°C

Charge type	Explosive weight	Concrete penetration depth as per API Act, mm	Hole diameter as per API Act, mm	Concrete penetration depth as per RP, min, mm	Hole diameter as per RP, min, mm
ZPK 38-AT-M-03 T	3.5	257	5.62	270	5.5
ZPK 50-AT-M-03 T	5.5	645	6.12	620	5.3
ZPK 50-AT-M-10 T	6.5			154	12.3
ZPK 63-AT-M-03 T	11,5			630	8,0
ZPK 63-AT-M-04 T	11,7			750	8,0
ZPK 63-AT-M-10 T	14,0			250	19,0
ZPK 73-AT-M-02 T	18.2	279	20.68	260	21.0
ZPK 73-AT-M-04 T	18.0	896	11.24	850	10.0
ZPK 73-AT-M-07 T	17.7			360	16.5
ZPK 89-AT-M-01 T	32.5	638	13.77	650	14.5
ZPK 89-AT-M-03 T	29.0			1050	11.0
ZPK 89-AT-M-04 T	28.0	1226	10.12	1300	9.8
ZPK 89-AT-M-07 T	29.7			370	18.5
ZPK 89-AT-M-10 T	22.5	197	20.24	265	23.4
ZPK102-AT-M-03T	28.0			1307	12.3
ZPK102-AT-M-04T	28.0	1712	11.15	1470	9.7
ZPK102-AT-M-09T	27.2			366	18.9
ZPK102-AT-M-10T	27.5			175	22.3
ZPK114-AT-M-01T	29.0			1000	12.7
ZPK114-AT-M-03T	32.5			1348	12.5
ZPK114-AT-M-04T	35.5	1813	11.60	1650	11.0
ZPK114-AT-M-09T	27.5			445	23.0
ZPK114-AT-M-10T	28.5	246	24.33	270	24.0
ZPK114-AT-M-11T	27.5			150	24.5