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*Tool selection guidelines
for SwETech AB
Colliding Tools*

Type 1, 2, 3, 4 and 5



Increasing energy →

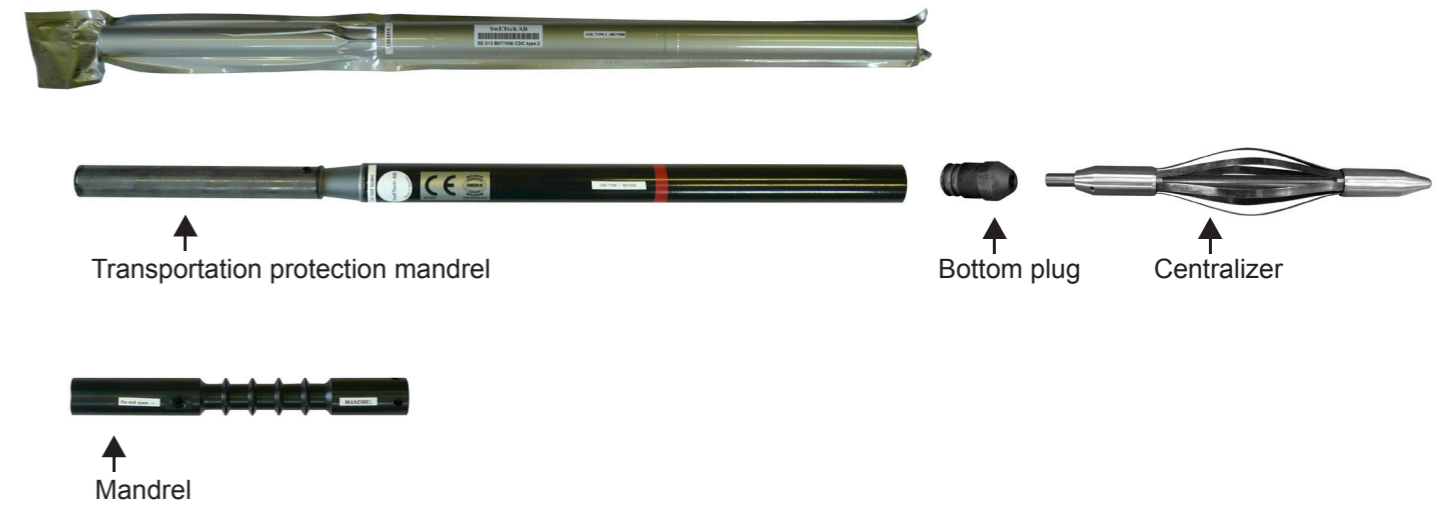
	TYPE 5	TYPE 2	TYPE 1	TYPE 4	TYPE 3
Diameter	1 3/8" (35 mm)	1.79" (45,5 mm)	1.79" (45,5 mm)	2 1/4" (57 mm)	2 1/4" (57 mm)
Total length	53.9" (137 cm)	61.8" (157 cm)	61.8" (157 cm)	61.8" (157 cm)	61.8" (157 cm)
Explosive type	HNS	HNS	HMX	HNS	HMX
Pressure rating	20000 psi (1400 bars)	20000 psi (1400 bars)	20000 psi (1400 bars)	20000 psi (1400 bars)	20000 psi (1400 bars)
Temperature rating	500°F (260°C) for one hour	500°F (260°C) for one hour	400°F (204°C) for one hour	500°F (260°C) for one hour	400°F (204°C) for one hour

Tool selection guidelines

DC/HWDP Size	Temp°F	Minimum passage	Tool type	Recommendations
8 3/4" - 11"	Up to 400	2 3/8"	3	Shoot in tool joint
6 1/2" - 8 1/2"	Up to 400	2 3/8"	3	Shoot in body
6 1/2" - 8"	Up to 400	1 7/8"	1	Shoot in tool joint
6 1/2" - 8 1/2"	Up to 500	2 3/8"	4	Shoot in tool joint
5" - 6 1/4"	Up to 500	2 3/8"	4	Shoot in body
5" - 6 1/4"	Up to 400	1 7/8"	1	Shoot in body
5" - 6 1/4"	Up to 500	1 7/8"	2	Shoot in tool joint
3 1/2" - 4 3/4"	Up to 500	1 7/8"	2	Shoot in body
4 1/2" - 5"	Up to 500	1 1/2"	5	Shoot in tool joint
4 1/4" and below	Up to 500	1 1/2"	5	Shoot in body

DP Size	Temp°F	Minimum passage	Tool type	Recommendations
4 1/2" - 6 5/8"	Up to 400	1 7/8"	1	Shoot in tool joint
4 1/2" - 6 5/8"	Up to 500	1 7/8"	2	Shoot in tool joint
4" and below	Up to 500	1 1/2"	5	Shoot in tool joint

CDC general layout



CDC packing

