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*Tool selection guidelines  
for SwETech AB  
Colliding Tools*

*Type 1, 2, 3, 4 and 5*



## Increasing energy →

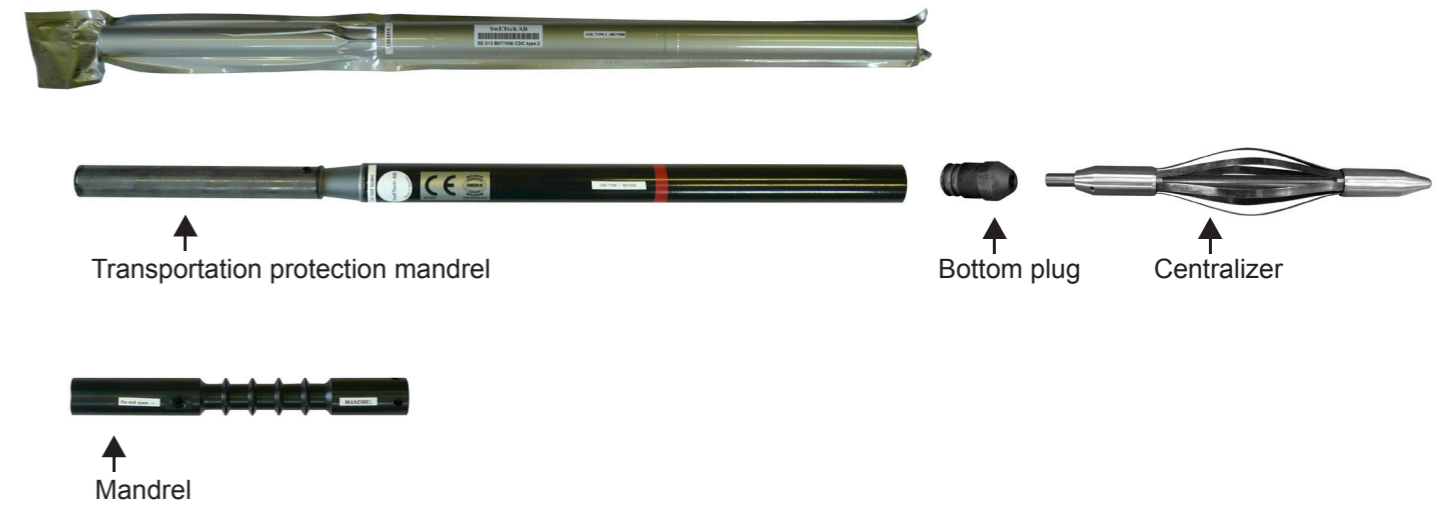
	TYPE 5	TYPE 2	TYPE 1	TYPE 4	TYPE 3
<b>Diameter</b>	1 3/8" (35 mm)	1.79" (45,5 mm)	1.79" (45,5 mm)	2 1/4" (57 mm)	2 1/4" (57 mm)
<b>Total length</b>	53.9" (137 cm)	61.8" (157 cm)	61.8" (157 cm)	61.8" (157 cm)	61.8" (157 cm)
<b>Explosive type</b>	HNS	HNS	HMX	HNS	HMX
<b>Pressure rating</b>	20000 psi (1400 bars)	20000 psi (1400 bars)	20000 psi (1400 bars)	20000 psi (1400 bars)	20000 psi (1400 bars)
<b>Temperature rating</b>	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

