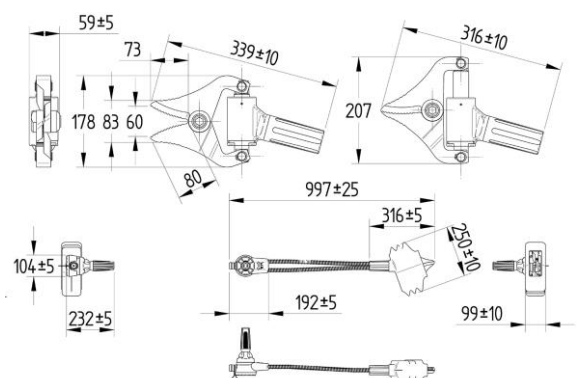


# TECHNICAL SPECIFICATIONS

# Q1 CUTTER



## Q1 CUTTER

NEO1 

HP/FF 

Article number	4310.0010.RQ	4310.0000.XX
Nominal pressure	Optimized 350 bar	Optimized 350 bar
(Tail)Hose safety factor	8:1 (2.800 bar)	8:1 (2.800 bar)
Dimensions cutter head ex. flexible cover (L x W x H)	339 x 59 x 178 mm	339 x 59 x 178 mm
Dimensions control unit (L x W x H)	192 x 104 x 232 mm	192 x 104 x 232 mm
Operational weight (cutter head & remote control)	6,6 kg (4,6 kg + 2,0 kg)	7,6 kg (4,6 kg + 3,0 kg)
Max. cutting opening	60 mm	60 mm
Reach	73 mm	73 mm
Max. cutting force <sup>1</sup>	208 kN / 21,2 ton	208 kN / 21,2 ton
EN 13204 cutting capability	1C 2D 3C 4- 5- (B-class)	1C 2D 3C 4- 5- (B-class)
NFPA 1936 cutting capability	A4 B4 C3 D3 E3	A4 B4 C3 D3 E3
Round bar capability (S235 acc. to EN 13204)	20 mm	20 mm
Max. spreading opening	83 mm	83 mm
Max. spreading force	40,6 kN / 4,1 ton	40,6 kN / 4,1 ton
Cutting head	Rotatable 180 degrees	Rotatable 180 degrees
EN 13204	AC-60B-6.6	AC-60B-7.6

## ACCESSOIRES

Art. Nr.

Toolmat 3x2m	9330.0777
Toolmat 2x1.5m	9330.0778

<sup>1</sup>Maximum is a theoretical force that cannot be measured.

All forces with EN13204 certified power pack with pressure relief valves set conform EN13204 allowable pressure requirements



Information contained in this document is believed to be accurate. However RESQTEC does not guarantee the completeness or accuracy of any of the published information.






**CUTTING PERFORMANCE AS PER EN13204 TABLE 3 FOR CUTTERS AND COMBI TOOLS**

DU008K01

Manufacturer	<b>RESQTEC</b>
Tool name and type	<b>Q1 CUTTER</b>






CLAIMED CLASSIFICATION;

TYPE	CUTTER OPENING	CLASSIFICATION BASED ON MIN CUTTING PERFORMANCE	WEIGHT (1 decimal accurate)	CUTTING PERFORMANCE
AC	60	B	6.5	1C-2D-3C-4X-5X

PROFILE TYPE →	1 Round bar	2 Flat bar	3 Round tube	4 Square tube	5 Rectangular tube
CATEGORY LETTER ↓					
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	110 x 10	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	≥ 32	120 x 10	88,9 x 4,0	60 x 5	80 x 40 x 5,0
J	≥ 36	130 x 10	88,9 x 5,0	70 x 4	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0

**CUTTING PERFORMANCE AS PER NFPA 1936 FOR CUTTERS AND COMBI TOOLS**

**A4 B4 C3 D3 E3**

PROFILE TYPE →	A Round bar		B Flat bar		C Round pipe		D Square tube		E Angle iron		
PERFORMANCE LEVEL ↓											
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
1	3/8	9.5	1/4 x 1/2	6.4 x 13,7	3/8	0.68 x 0.09	17.2 x 2.2	1/2 x 0.06	12.7 x 1.5	1/2 x 1/8	12.7 x 3.17
2	1/2	12.7	1/4 x 1	6.4 x 25.4	3/4	1.05 x 0.11	26.6 x 2.79	1 3/4 x 0.06	19.1 x 1.5	1 x 1/8	25.4 x 3.17
3	5/8	15.8	1/4 x 2	6.4 x 50.8	1	1.32 x 0.13	33.5 x 3.3	1 x 0.08	25.4 x 2	1 1/4 x 3/16	31.7 x 4.8
4	3/4	19.1	1/4 x 3	6.4 x 76.2	1 1/4	1.66 x 0.14	42.2 x 3.2	1 1/4 x 0.12	31.7 x 3	1 1/2 x 3/16	38.1 x 4.8
5	7/8	22.2	1/4 x 4	6.4 x 101.6	1 1/2	1.90 x 0.15	48.3 x 3.2	1 1/2 x 0.12	38.1 x 3	1 1/2 x 1/4	38.1 x 6.35
6	1	25.4	3/8 x 3	9.5 x 76.2	2	2.38 x 0.15	60.5 x 3.8	1 3/4 x 0.12	44.5 x 3	1 3/4 x 1/4	44.5 x 6.35
7	1 1/4	31.8	3/8 x 4	9.5 x 101.6	2 1/2	2.88 x 0.20	73.2 x 5.1	2 x 0.15	50.8 x 3.8	1 1/2 x 3/8	38.1 x 9.5
8	1 1/2	38.1	3/8 x 5	9.5 x 126	3	3.50 x 0.22	88.9 x 5.6	2 1/2 x 0.19	63.5 x 4.6	2 x 3/8	50.8 x 9.5
9	1 3/4	44.45	3/8 x 6	9.5 x 152.4	3 1/2	4.00 x 0.23	101.6 x 5.8	3 x 0.19	76.2 x 4.8	2 1/2 x 3/8	63.5 x 9.5