

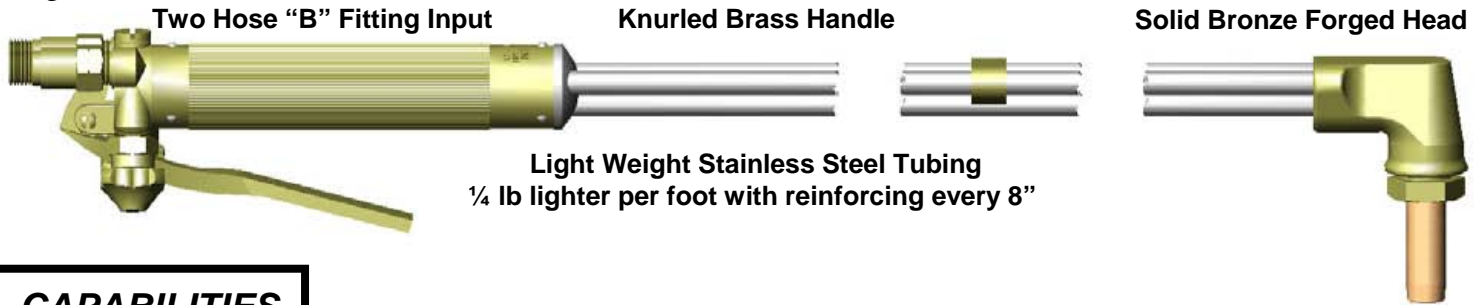


# SCORPION™ BY FLAMETECH CUTTING TORCHES

THE BEST CUTTING  
STINGER IN THE INDUSTRY

**NEW!**  
SAFER, LIGHTER  
& STRONGER

## 6500- HEAVY DUTY HAND CUTTING TORCH UP TO 12" OF CUTTING



### CAPABILITIES

The New Flame Tech® "6500" Hand Cutting Torch is a heavy duty torch designed for rugged environments. This torch, when using Flame Tech's Scrapper or Airco Series cutting tips, is ideal for heavy cutting in scrap yards and steel mill operations. This heavy duty torch when using these tips can hand cut up to 12" of steel.

- Can be used with any Fuel Gas
- Single leaver actuated torch control
- Uses common "B" size oxygen supply and "B" size fuel supply to minimize the hose and regulator requirements.



Uses Flame Tech® "A" Scrapper  
Tips or Any AIRCO Series  
Tips with any Fuel Gas

### TORCH FEATURES

- Solid Forged Bronze Head
- Heavy Duty Nozzle Mixing Torch
- Three Stainless Tubes in Triangular Format
- Uses Flame Tech® "BI-METAL" Designed Nozzles
- Light Weight Multi-Tasking Torch

### BENEFITS

- Safety first – Reduced Flashback
- Maximum Strength, Greater Rigidity
- Low Maintenance, Longer Lasting
- Ease of operation

### EXAMPLE ORDERING INFORMATION

Part #	Description
6548-70 = 65	indicates the torch series you are ordering
6548-70 = 48	indicates the length of the torch you are ordering (48" long)
6548-70 = 70	indicates the degree of the head (70, 90, or 180)

Torches available in 21,27,36,48,60,72,96,120, Custom lengths available contact Flame Tech @ (800)749-3682



Flame Tech® Always  
Recommends Using Flash  
Arrestors See Flame Tech  
Catalog Section, Check  
Valves & Flash Arrestors

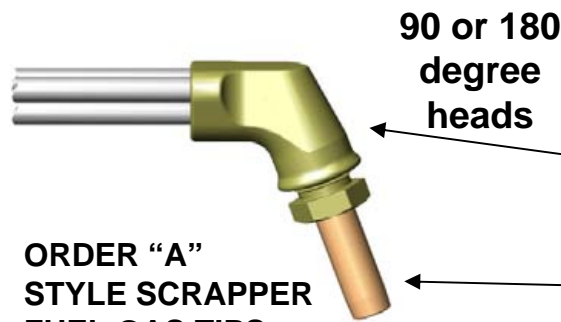
# SCORPION™

BY FLAMETECH

## CUTTING TORCHES

THE BEST CUTTING  
STINGER IN THE INDUSTRY

THE TIP MAKES  
A DIFFERENCE



90 or 180  
degree  
heads

ORDER "A"  
STYLE SCRAPER  
FUEL GAS TIPS



6500 SERIES  
TORCHES  
USE  
ANY FUEL  
GAS

CONSIDER CHOOSING THE SAFEST TORCH  
ON THE MARKET TODAY

SOLID BRONZE FORGED HEAD  
NO MIXING OF GASES IN THE  
TORCH TUBES OR HEAD

ALL THE MIXING IS DONE IN THE TIP

SEE THE DIFFERENCE YOURSELF  
WITH FLAME TECH'S FAMOUS  
"SCRAPPER" CUTTING TIPS

TIP CUTTING CHART

METAL THICKNESS INCHES	TIP SIZE		OXYGEN		FUEL GAS PSI	* SPEED IPM	KERF WIDTH IPM
	TIP NO.	DRILL SIZE	CUTTING PSI	PREHEAT PSI			
1/8	5/0	74	20-30	5-9	2-5	18-26	.035
3/16	4/0	71	30-40	5-9	2-5	18-25	.04
1/4	000	68	30-40	5-9	3-5	17-24	.05
3/8	00	64	35-45	5-10	3-5	17-23	.06
1/2	00½	62	35-45	5-10	3-6	16-22	.065
5/8	0	60	35-45	5-10	3-6	15-20	.07
3/4	0½	58	35-50	5-10	3-6	15-19	.075
1	1	56	35-50	5-10	3-6	14-18	.08
1½	1½	54	40-55	10-17	4-8	12-16	.09
2	2	52	40-55	10-17	4-8	10-14	.10
2½	2½	50	40-55	10-17	5-9	9-13	.105
3	3	48	45-60	10-17	6-10	8-11	.11
4	4	44	50-65	10-17	6-10	7-10	.13
6	5	39	60-75	10-17	8-12	5-8	.15
8	6	31	60-85	30-43	9-15	4-6	.19
10	7	28	30-60	30-43	9-15	3-5	.22
12	8	25	25-55	30-43	9-15	3-4	.24
14	9	19	25-55	30-43	9-15	2-3	.26
15	10	13	25-50	30-43	10-18	2-3	.34
16	11	9	25-50	30-43	10-18	1½-2½	.37
18	12	5	25-45	30-43	10-18	1-2	.40

\* NOTE: IF USING PROPYLENE OR MPS GAS, USE HIGH SIDE RANGE OF THIS CHART. IF USING NATURAL GAS USE LOW SIDE OF RANGE.

THICK SHELL FLANGE



TRIANGULAR SEAT FOR MIXING  
PREHEAT AND FUEL GASES

SOLID COPPER SHELLS MACHINED  
FROM SOLID COPPER BAR STOCK.  
LASTS 3 X LONGER.

LARGER DIAMETER PREHEATS  
DECREASE PREHEAT TIME,  
MAINTAINS THE CUT ON PAINTED  
AND RUSTY PLATE.

COARSE "V" INTERNAL SPLINES, WHICH ARE  
IDEAL FOR CUTTING RUSTY, SCALY PAINTED PLATE  
BY HAND. THE COARSE SPLINE DOES NOT CLOG EASILY  
AND CAN BE CLEANED WITH A POCKET KNIFE.