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## OPTICAL FUZES FOR P-SAM, M-SAM

## AUXILIARY COMPONENTS





PD, PIBD, PROXIMITY



MTSQ, ET, ETSQ



OPTICAL FUZES



AUXILIARY COMPONENTS

**Fuzes**



Hanwha Corporation www.hanwhacorp.co.kr Hanwha Bldg 23FL., #1, Changgyo-Dong, Chung-Gu, Seoul, Korea TEL. +82-2-729-1770/1776 FAX. +82-2-729-1743 E-mail. fabio@hanwha.co.kr

# Fuzes

- Point Detonating (PD)
- Point Initiating Base Detonating (PIBD)
- Mechanical Time and Superquick (MTSQ)
- Electronic Time and Superquick (ETSQ)
- Proximity
- Optical
- Auxiliary Components
  for Howitzer, Mortar, Cannon, Naval Gun and Missiles



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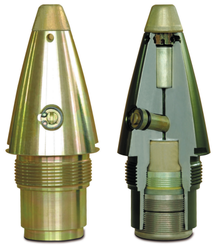
# POINT DETONATING (PD)
# POINT INITIATING AND BASE DETONATING (PIBD)



K510KA1



K519



HW594



M509A2

| TABULATED DATA | K510KA1 | K519 | HW594(M739A1) | M509A2 | M530KA1 |
|---|---|---|---|---|---|
| Type | PD | PD | PD | PIBD | PIBD |
| Weight | 264 gr | 715 gr | 690 gr | 145 gr | 140 gr |
| Length | 89.8 mm | 167 mm | 152 mm | 49.8 mm | 49.9 mm |
| Thread size | 1-1/2-12NF | 2-12UNS-1A | 2-12UNS-1A | - | - |
| Operation mode | Selective Superquick or 0.05 sec. delay action impact type | Selective Superquick or 0.05 sec. delay action impact type | Selective Superquick or auto-delay impact type | Electrical | Electrical |
| Use | 60 mm and 81mm and 120 mm HE, TP Cartridges | 155mm Projectiles | CTG. 4.2" HE, 105 mm, 155mm, 8" HE Projectiles | Fin-Stabilized HEAT Projectiles in calibers from 76 mm to 120 mm | Low - Velocity HEAT Projectiles |
| IMDG Code | 7B | 1.1D | 1.1D | 1.1D | 1.1D |
| U.N. Serial No. | 0408 | 0408 | 0408 | 0168 | 0168 |






K568 M577A1 HW101

# MECHANICAL TIME AND SUPERQUICK (MTSQ)
# ELECTRONIC TIME (ET)
# ELECTRONIC TIME AND SUPERQUICK (ETSQ)



HW596(M582A1)

| TABULATED DATA | M577A1 | HW596(M582A1) | K568 | HW101 |
|---|---|---|---|---|
| Type | MTSQ | MTSQ | ET | ETSQ |
| Weight | 640 gr | 685 gr | 260 gr | 760 gr |
| Length | 134 mm | 148 mm | 101.8 mm | 133.8 mm |
| Time setting | 2 ~ 200 sec. | 2 ~ 200 sec. | 5 ~ 99.9 sec. | 0.5 ~ 200 sec. |
| Thread size | 2-12UNS-1A | 2-12UNS-1A | 1.5-12UNF-1A | 2-12UNS-1A |
| Use | CTG. 4.2" Illum., 105mm and 155mm Illum., ICM 8" ICM Projectiles | 105mm and 155mm HE, HERA, WP Smoke, 8"HE Projectiles | CTG. 60 mm and 81mm Illum. | 105 mm, 155 mm and 8" Projectiles |
| IMDG Code | 1.4D | 1.1D | 1.2E | 1.2E |
| U.N. Serial No. | 0410 | 0409 | 0321 | 0321 |





# PROXIMITY



K585 K586



HW201

| TABULATED DATA | HW201(M732) | K585 | K586 |
|---|---|---|---|
| Type | Proximity, PD | Proximity, PD, Self Destruction | Proximity, PD, Self Destruction |
| Weight | 794 gr | 113 gr | 915 gr |
| Length | 152 mm | 95.9 mm | 203 mm |
| Thread size | 2-12UNS-1A | M30 × P1-6g | M58 × 1.5 |
| Burst range | - | Aircraft : 7 m<br>Helicopter : 4 ~ 7 m<br>Missile : 4.5 m<br>Sea Skimmer : 3 m | Aircraft : 7 m<br>Helicopter : 4~7 m<br>Missile : 5 m<br>Sea Skimmer : 5 m |
| Use | 105mm, 155mm, 8" ICM Projectiles and 4.2"Mortar Bombs | 40 mm L/70 Naval Gun Ammunition | 76 mm/62 Naval Gun Ammunition |
| IMDG Code | 1.2D | 1.1D | 1.1D |
| U.N. Serial No. | 0409 | 0408 | 0408 |