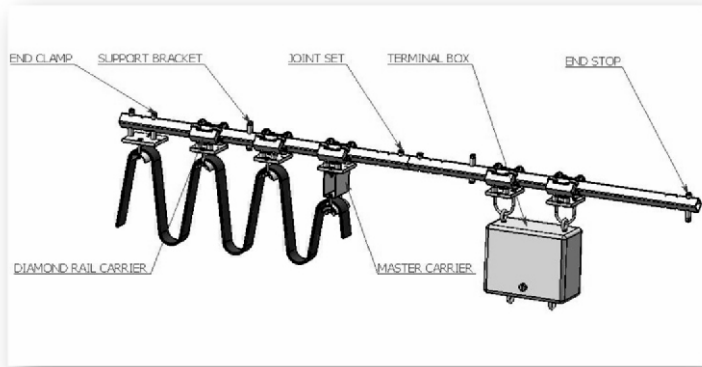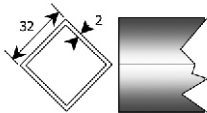# 3.6　DIAMOND SYSTEM

Applications:
1. Very dusty/dirty environments
2. Applications where rail must be bent around curve
3. Medium to heavy duty.
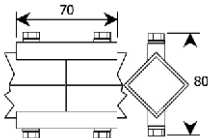
3-DT/0100 – DIAMOND RAIL

Material	2mm galvanized steel
Supply lengths	6 meters
Weight	11kg
Min bending radius	1500mm

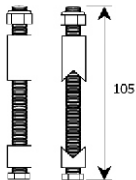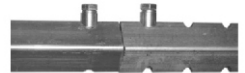| Other support centres and permissible area loads			
Support spacing	1m	1.5m	2m
Permareaload/m	50kg	40kg	30kg

3-DT/0200 – JOINT SET
3-DT – REPAIR JOINT 0200 SIT

Material	Galvanized steel
Weight	0.125kg
Application	To join rail sections

3-DT/0300 – RAIL SUPPORT

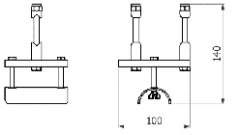|	
Material	Galvanized steel
Weight	0.11kg
Application	To support rail sections
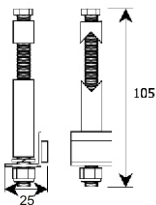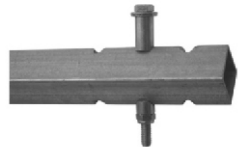
3-DT/0400 – END STOP

Material	Galvanized steel
Weight	0.12kg

Diamond rail system also available in Stainless Steel

3.6 DIAMOND SYSTEM

3-DT/0520–ENDCLAMP

Material	Galvanized steel
Weight	0.70 kg
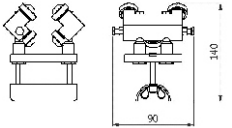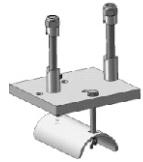
3-DT/0620 MD – DIAMOND RAIL CARRIER

Material	Galvanized steel Sides = aluminium castings
Rollers	Sealed ball bearings
Load capacity	40kg
Weight	1.190 kg
Maxspeed	80m/min
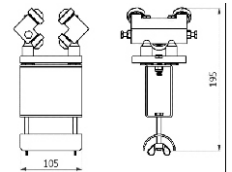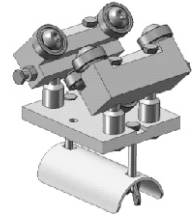
3-DT-0720 MD – MASTER CARRIER

Material	Galvanized steel Sides = aluminium castings
Rollers	Sealed ball bearings
Load capacity	40kg
Weight	1.598 kg
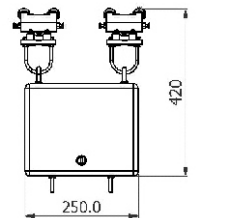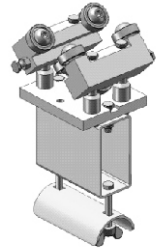
3-DT/0820 MD – MOBILE BOX C/W CARRIERS

Material	Galvanizedsteel
Load capacity	40kg
Weight	5.9kg
Application	Carry pendant cable and pendant station
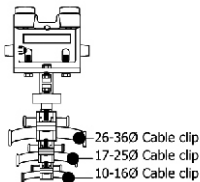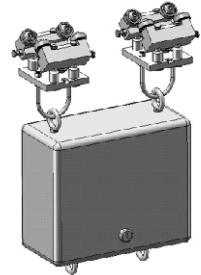
CARRIER FOR ROUND CABLE

Material	Galvanized steel
Weight	+- 1.42kg depending on the assembly
Application	Specially for use on round cables and air/hydraulic hoses
Max load	40kg

26-36Ø Cable clip
17-25Ø Cable clip
10-16Ø Cable clip

3-DT/0300 AP - ADJUSTING BRACKET

Material	Galvanized steel

Application: Used to align rail and hangers where brackets are diffcult to align, eg where system has bends

Note – It is recommended to use strain relief rope/chain between the carriers to prevent damage to the cables.
For support brackets, see page 19.
- When designing a festoon system, the ambush area/parking area must be taken into account.