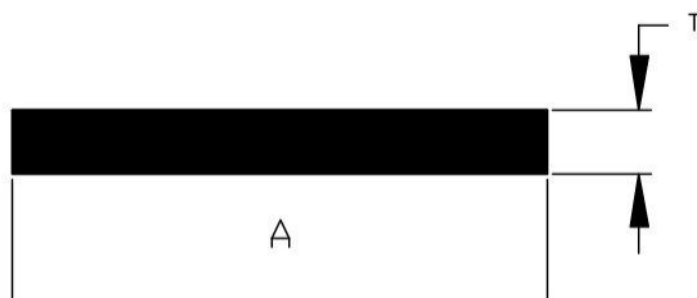
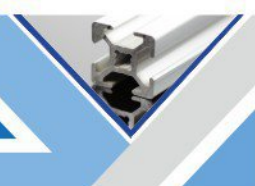


# HARD WEAR SECTION

## Flatbar

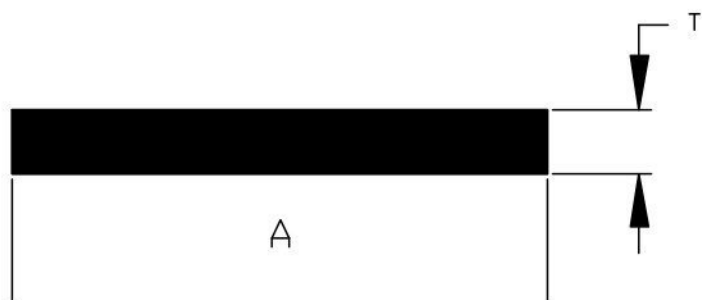


		Sectional Dimension			
Sr. No.	Die No.	A	T	Wt Range Kg/12'	
1	FB-143	12.70	6.35	0.800	1.000
2	FB-149	19.00	2.00	0.380	0.580
3	FB-109	19.00	2.70	0.500	0.650
4	FB-152	19.00	5.00	0.950	1.150
5	FB-131	19.00	6.00	1.150	1.350
6	FB-113	20.00	10.00	2.000	2.200
7	FB-116	25.00	2.85	0.700	0.850
8	FB-114	25.00	5.00	1.250	1.450
9	FB-117	25.00	6.00	1.500	1.600
10	FB-118	25.00	10.00	2.450	2.650
11	FB-153	25.00	12.00	3.00	3.2000
12	FB-147	25.00	16.00	4.00	4.200
13	FB-150	30.00	6.00	2.950	3.100
14	FB-119	30.00	10.00	2.950	3.100
15	FB-126	31.00	26.00	8.050	8.250
16	FB-154	32.00	10.00	3.200	3.400
17	FB-146	32.00	20.00	6.400	6.600
18	FB-155	38.00	12.00	4.550	4.750
19	FB-128	40.00	5.000	2.000	2.200
20	FB-115	40.00	6.000	2.400	2.600
21	SP-84	40.00	8.000	3.200	3.400

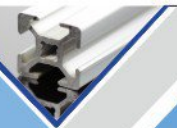


# HARD WEAR SECTION

## Flatbar



		Sectional Dimension			
Sr. No.	Die No.	A	T	Wt Range Kg/12'	
22	FB-120	40.00	10.00	3.925	4.100
23	FB-148	40.00	20.00	8.000	8.200
24	FB-156	50.80	3.18	1.615	1.815
25	FB-132	50.00	6.00	3.000	3.200
26	FB-151	50.00	8.00	4.000	4.200
27	FB-121	50.00	10.00	4.900	5.100
28	FB-122	50.00	12.00	5.900	6.100
29	FB-145	50.80	25.400	12.900	13.100
30	FB-129	60.00	4.000	2.400	2.600
31	FB-130	60.00	10.00	6.000	6.200
32	FB-137	63.00	6.000	3.780	3.980
333	FB-123	63.00	10.00	6.175	6.300
34	FB-135	63.00	12.000	7.560	7.760
35	FB-144	75.00	6.000	4.500	4.700
36	FB-134	75.00	10.000	7.500	7.700
37	FB-124	75.00	12.00	8.820	9.100
38	FB-136	80.00	10.000	8.000	8.200
39	FB-138	90.00	10.000	9.000	9.200
40	FB-125	100.00	6.000	5.920	6.120
41	FB-127	100.00	10.00	10.000	10.200
42	FB-133	100.00	12.000	12.000	12.200

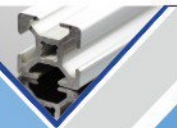


# HARD WEAR SECTION

## Flatbar



		Sectional Dimension			
Sr. No.	Die No.	A	T	Wt Range Kg/12'	
1	FB-140	25.00	3.00	0.500	0.700
2	FB-141	38.00	3.00	1.150	1.350
3	FB-142	38.00	10.00	3.800	4.000
4	FB-139	125.00	10.00	12.500	12.700



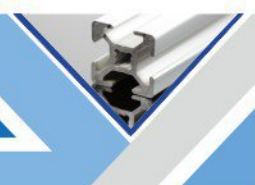
# HARD WEAR SECTION

## Flatbar with Corner Rad



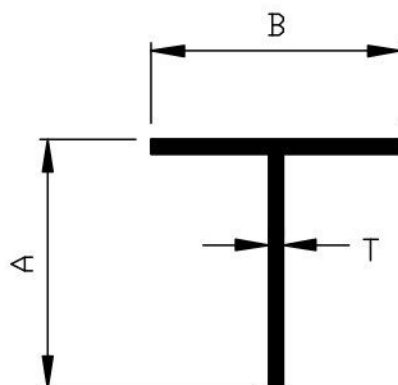
		Sectional Dimension			Wt Range Kg/12'	
Sr. No.	Die No.	A	T	R		
1	FB-140	25.00	3.00	1.00	0.500	0.700
2	FB-141	38.00	3.00	1.00	1.150	1.350
3	FB-142	38.00	10.00	1.00	3.800	4.000
4	FB-157	80.00	12.00	1.00	9.600	9.800
5	FB-139	125.00	10.00	1.00	12.500	12.700





# HARD WEAR SECTION

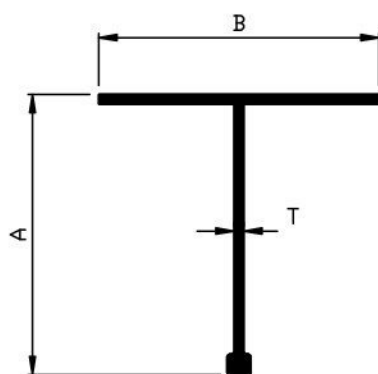
## Plain - Tee



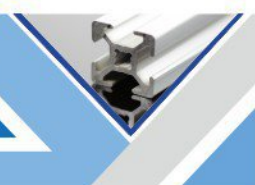
		Sectional Dimension				
Sr. No.	Die No.	A	B	T	Wt Range Kg/12'	
1	TE-1145	19.00	19.00	1.05	0.380	0.400

## Bulb - Tee

### BULB-TEE

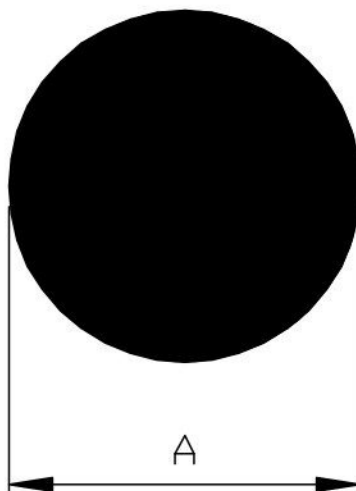


		Sectional Dimension				
Sr. No.	Die No.	A	B	T	Wt Range Kg/12'	
1	TE-403	25.00	25.00	0.65	0.350	0.380
2	TE-403/1	25.00	25.00	1.00	0.500	0.550
3	TE-403/2	25.00	25.00	1.25	0.650	0.700
4	TE-4072	38.00	25.00	1.05	0.700	0.800
5	TE-409	38.00	38.00	1.30	1.000	1.100

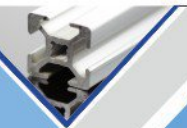


# HARD WEAR SECTION

## Roundbar

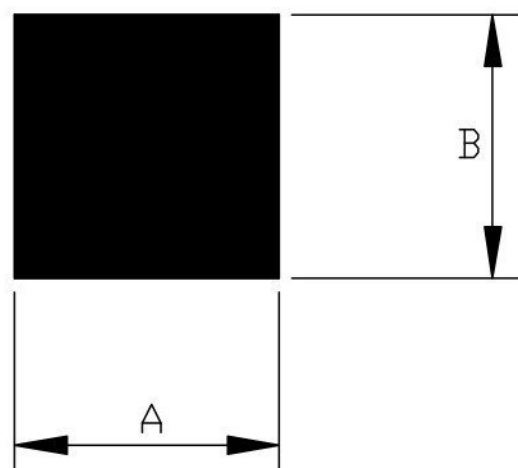


		Sectional Dimension		
Sr. No.	Die No.	A	Wt Range Kg/12'	
1	RO-101	Ø 6.20	0.300	0.350
2	RO-103	Ø 7.92	0.490	0.690
3	SP-96	Ø 8.80	0.610	0.710
4	SP-97	Ø 9.52	0.710	0.810
5	SP-98	Ø 12.15	1.150	1.250
6	SP-73	Ø 15.60	1.9000	2.100
7	SP-74	Ø 18.90	2.835	3.035
8	RO-102	Ø 25.40	5.050	5.250



## HARD WEAR SECTION

### Square Bar



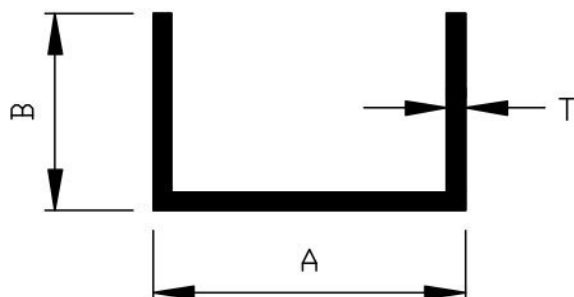
		Sectional Dimension			
Sr. No.	Die No.	A	B	Wt Range Kg/12'	
1	SQ-1	6.35	6.35	0.405	0605
2	SQ-2	12.70	12.70	1.600	1.800
3	SP-76	19.00	19.00	3.600	3.800



## HARD WEAR SECTION

### C-Channel

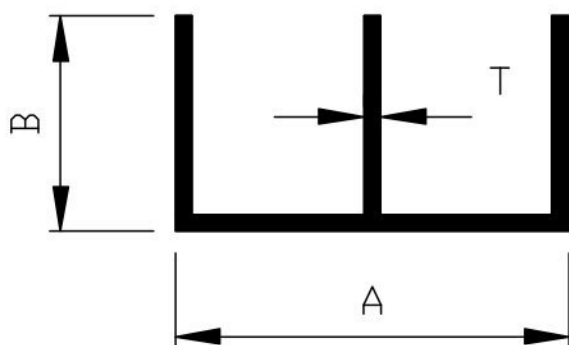
(Single Glass Channel)



		Sectional Dimension				
Sr. No.	Die No.	A	B	T	Wt Range Kg/12'	
1	CH-111	9.00	8.00	0.80	0.180	0.200
2	CH-117	12.70	12.70	0.70	0.250	0.300
3	CH-118	15.00	12.00	1.15	0.400	0.450
4	CH-126	19.00	12.00	1.15	0.450	0.500
5	SP-82	22.70	20.00	1.50	0.880	0.930

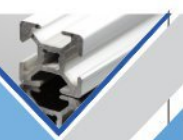
### E-Channel

(Double Glass Channel)



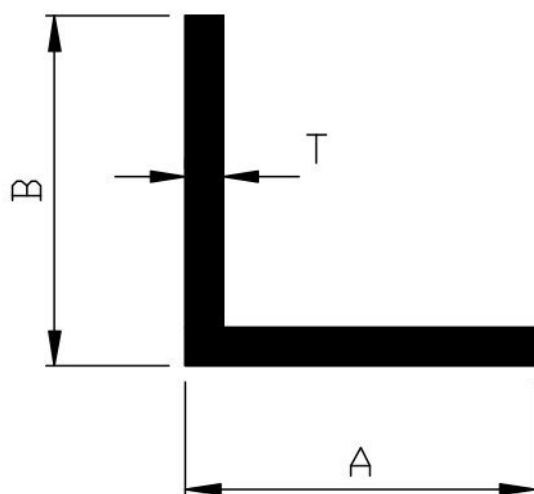
		Sectional Dimension				
Sr. No.	Die No.	A	B	T	Wt Range Kg/12'	
1	CH-627	22.00	12.00	0.65	0.350	0.400
2	CH-627/1	22.00	12.00	0.95	0.500	0.550
3	CH-627/2	22.00	12.00	1.15	0.600	0.650





# HARD WEAR SECTION

## Equal Angle

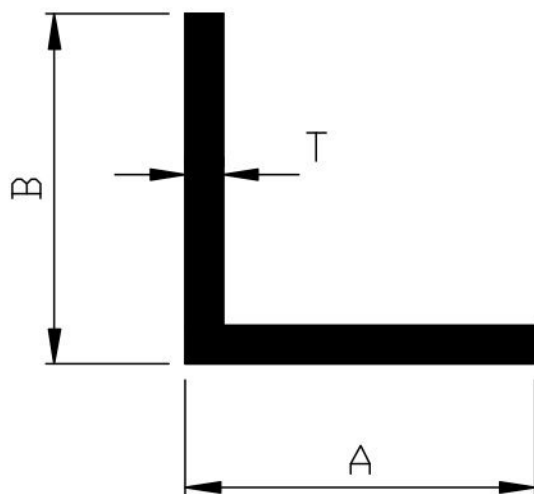


		Sectional Dimension				
Sr. No.	Die No.	A	B	T	Wt Range Kg/12'	
1	SP-85	07.00	07.00	2.	0.240	0.440
2	AN-102	12.00	12.00	0.85	0.200	0.400
3	SP-25	14.50	10.50	1.50	0.340	0.540
4	AN-105	19.00	19.00	1.30	0.500	0.700
5	AN-112	25.00	25.00	0.70	0.350	0.550
6	AN-114	25.00	25.00	1.82	0.850	1.000
7	AN-114	25.00	25.00	2.10	1.000	1.300
8	AN-128	25.40	25.40	3.00	1.435	1.635
9	AN-130	32.00	32.00	3.00	1.820	2.020
10	AN-125	38.00	38.00	2.00	1.500	1.800
11	AN-135	38.00	38.00	3.00	2.190	2.390
12	AN-129	38.00	38.00	4.75	3.380	3.580
13	SP-75	38.00	38.00	6.00	4.200	4.400
14	AN-131	50.00	50.00	3.00	2.900	3.100
15	AN-126	50.00	50.00	5.00	4.750	4.950
16	AN-127	50.00	50.00	6.00	5.650	5.850
17	AN-132	75.00	75.00	6.00	8.650	8.850



## HARD WEAR SECTION

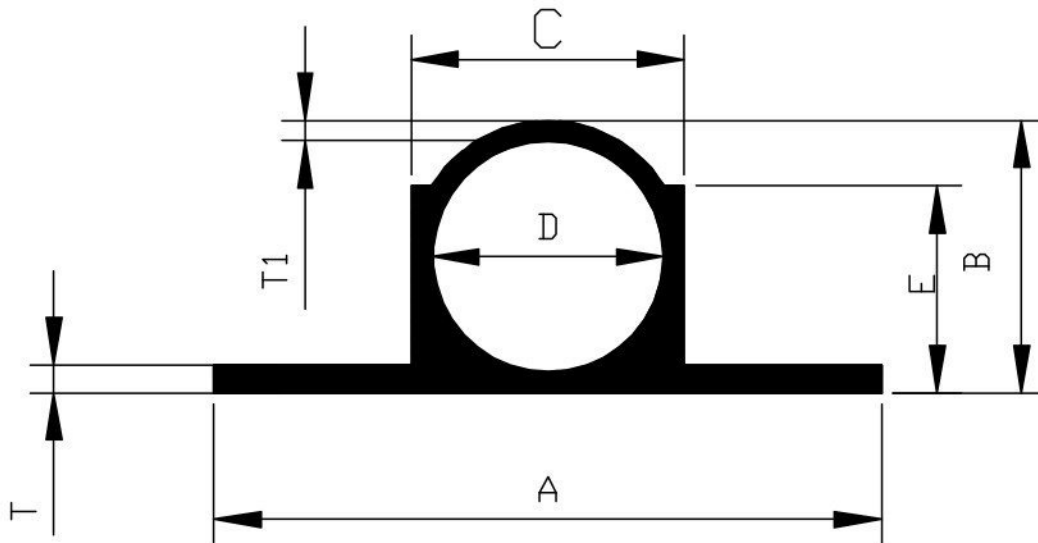
### Un Equal Angle



		Sectional Dimension				
Sr. No.	Die No.	A	B	T	Wt Range Kg/12'	
1	SP-25	14.50	10.50	1.50	0.340	0.540
2	SP-94	36.00	13.00	1.80	0.850	1.050
3	An-133	38.00	25.00	2.15	1.300	1.500
4	AN-134	38.00	25.00	2.80	1.700	1.900



## TOWER BOLT



		Sectional Dimension								
Sr. No.	Die No.	A	B	C	D	E	T	T1	Wt Range Kg/12'	
1	AS-142	35.50	14.50	14.50	12.30	11.00	1.50	1.10	0.980	1.050
2	AS-143	38.00	17.00	17.00	12.80	13.50	2.40	2.10	1.800	1.850