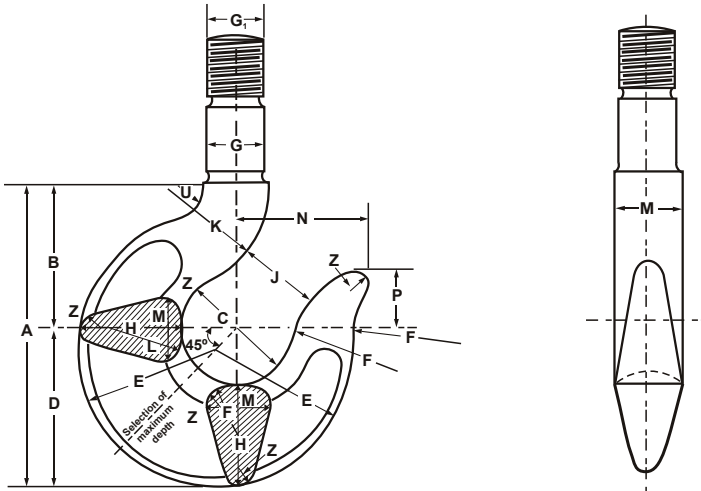


Standard Trapezoidal section point Hooks with Shank



E. E. Karachiwala & Co.

IS:3815/1969

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*Note — Undercut according to IS : 1369-1961

Calculating formulae for C :

For MS — $C = 26.73/\bar{P}$

For HS — $C = 23.17/\bar{P}$

Machined shank diameter (Min)

See IS : 4218-1967 'ISO metric screw threads'

⊛ Boundary dimensions of rolling bearings for general engineering purposes.

MS = Mild steel

HS = High tensile steel

Dimensions of screw thread run outs and undercuts

W Safe Working Load Tons	P Proof Load Tons	A (2.75C)	B (1.31C)	C*	D (1.44C)	E (1.25C)	F (1.00C)	G#	THREAD		H (0.93C)	J (0.75C)	K (0.92C)	L (0.70C)	M (0.60C)	N (1.20C)	P (0.50C)	R (0.50C)	U (0.30C)	Z (0.12C)	Ball Bearing To IS:2313-1963 [⊙]				
									Nominal Size G1	Pitch											Bore	Series	Outside Diameter	Width	
0.5	1	MS	74	35	27	39	34	27	15	M14	25	20	25	MS	19	16	32	14	14	8	3	15	11	28	9
		HS	63	38	23	35	29	23	12	M12	21	17	21	HS	16	14	28	12	12	7	3	12	11	26	9
1.0	2	MS	105	50	38	55	48	38	20	M20	35	28	35	MS	27	23	46	19	19	11	5	20	11	35	10
		HS	91	43	33	40	41	33	20	M18	31	25	31	HS	23	20	40	16	16	10	4	20	11	35	10
2.0	4	MS	145	69	53	76	66	53	30	M27	49	40	49	MS	37	32	64	26	26	16	6	30	12	52	16
		HS	126	60	46	66	58	46	25	M24	43	34	42	HS	32	28	55	23	23	14	6	25	12	47	15
3.2	6.4	MS	187	89	68	98	85	68	35	M33	63	51	63	M8	48	41	82	34	34	20	8	35	13	68	24
		HS	162	77	59	85	74	59	30	M30	55	44	54	HS	41	33	71	30	30	18	7	30	13	60	21
5.0	10.0	MS	233	111	85	122	106	85	45	M42	79	64	78	MS	60	51	102	42	42	26	10	45	13	85	28
		HS	201	96	73	105	91	73	40	M36	68	55	67	HS	51	44	88	36	36	22	9	40	13	78	26
8.0	16.0	MS	294	140	105	154	134	109	55	M52	100	80	98	MS	75	64	128	54	54	32	13	55	13	105	35
		HS	256	122	93	134	116	93	50	M40	86	70	86	HS	63	56	112	46	46	29	11	50	13	95	31
10.0	20.0	MS	327	156	119	171	149	119	60	M60	111	89	109	MS	83	71	143	60	60	36	14	60	13	110	35
		HS	286	136	104	150	130	104	55	M52	97	78	96	HS	73	62	125	52	52	31	12	55	13	105	35
12.0	25	MS	369	176	134	193	168	134	70	M68	125	100	123	MS	94	80	161	67	67	40	16	70	13	125	40
		HS	319	152	116	167	145	116	60	M60	108	87	107	HS	81	70	139	58	58	35	14	60	13	110	35
16.0	32	MS	415	198	151	217	189	151	80	M76	140	113	139	MS	106	91	181	76	76	43	18	80	13	140	44
		HS	360	171	131	189	164	131	70	M68	122	98	120	HS	92	79	157	66	66	39	16	70	13	125	40
20.0	40	MS	465	221	169	243	211	169	85	M80	157	127	155	MS	118	101	203	84	84	51	20	85	13	150	49
		HS	404	193	147	211	184	147	80	M72	137	110	135	HS	103	88	176	74	74	44	18	80	13	140	44
25	50	MS	520	248	189	272	236	189	100	M90	176	142	174	M8	132	118	227	94	94	57	28	100	13	190	63
		HS	451	215	164	230	205	164	35	M80	133	123	151	HS	115	98	197	82	82	49	20	85	13	150	49
32	60	MS	569	271	207	298	259	207	110	M100	193	155	191	MS	145	124	248	104	104	62	25	110	13	210	70
		HS	481	229	175	252	219	175	100	M90	163	131	161	HS	122	105	210	88	88	52	21	100	13	190	63
40	70	MS	616	293	224	323	280	224	120	M110	208	168	206	MS	157	134	268	112	112	67	27	120	13	210	70
		HS	533	254	194	279	242	194	110	M100	180	146	178	HS	136	116	233	97	97	58	23	110	13	190	63
50	85	MS	680	324	247	356	309	247	130	M120	229	187	227	MS	173	148	296	124	124	74	30	130	13	225	75
		HS	588	280	214	308	268	214	120	M110	199	160	197	HS	150	128	257	107	107	64	26	120	13	210	70

All dimensions in mm.



Estd. 1910



Estd. 1910