

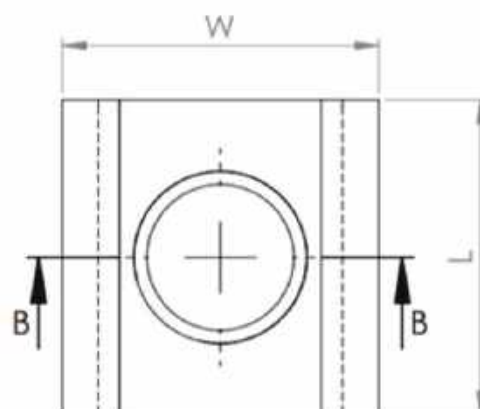
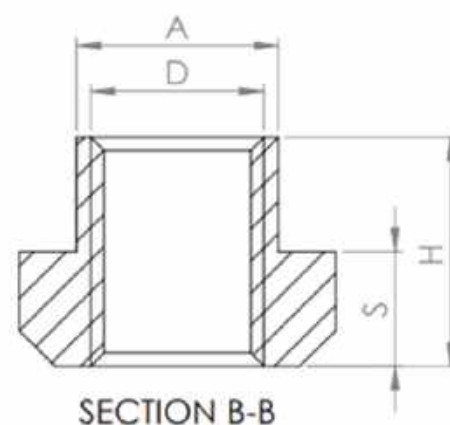


 **REACH[®]**
T O O L S

T Slot Nut

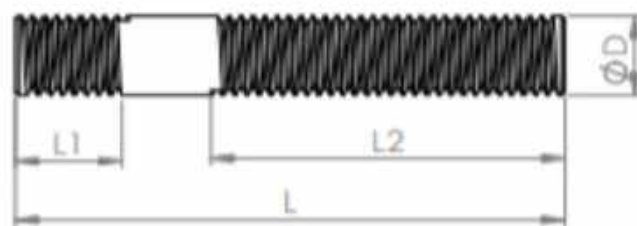


Sl.No	Model	A X D	W X L	H	S
1	RT-TN-45	5 X M4	9 x 9	6.5	3
2	RT-TN-56	6 X M5	10 x 10	8	4
3	RT-TN-68	8 X M6	13 x 13	10	6
4	RT-TN-810	10 X M8	15 x 15	12	6
5	RT-TN-1012	12 X M10	18 x 18	14	7
6	RT-TN-1214	14 X M12	22 x 22	16	8
7	RT-TN-1216	16 X M12	25 x 25	18	9
8	RT-TN-1218	18 X M12	28 x 28	20	10
9	RT-TN-1618	18 X M16	28 x 28	20	10
10	RT-TN-2216	22 X M16	35 x 35	28	16
11	RT-TN-1628	28 X M16	44 x 44	36	22
12	RT-TN-2022	22 X M20	35 x 35	28	16
13	RT-TN-2024	24 X M20	40 x 40	32	18
14	RT-TN-2428	28 X M24	44 x 44	36	22
15	RT-TN-3036	36 X M30	54 x 54	44	26
16	RT-TN-3642	42 X M36	65 x 65	52	30
17	RT-TN-4248	48 X M42	75 x 75	60	34
18	RT-TN-4854	54 X M48	85 x 85	70	34



Material	Medium carbon steel / As per customer requirement
Heat Treatment	Hardened and Tempered to 24-32 HRC
Surface Protection	Black Oxide Coating
Application	Mainly in Workbench or Machine table of Vertical / Horizontal Milling machine, Drilling machine, Drill Press, VMC, HMC along with stud for Workpiece clamping.
Advantages	Increases life of Machine Table
Manufacturing	As Per IS 2015-1977

Stud For T Slot

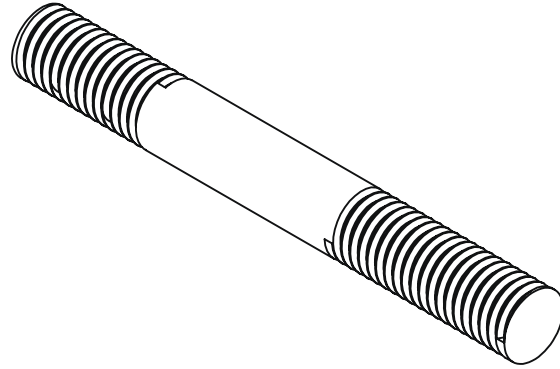
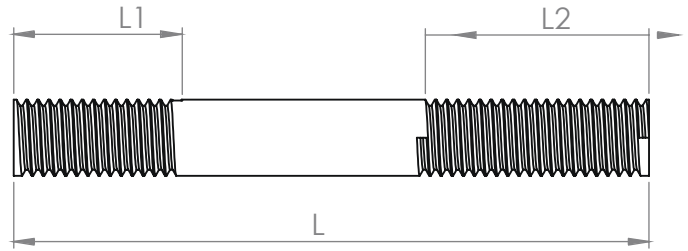


Sl.No	Model	Size	L1	L2
1	RT-CST-840	M8 x 40	11	25
2	RT-CST-850	M8 x 50	11	20
3	RT-CST-863	M8 x 63	11	40
4	RT-CST-880	M8 x 80	11	50
5	RT-CST-8100	M8 x 100	11	53
6	RT-CST-1050	M10 x 50	13	25
7	RT-CST-1063	M10 x 63	13	40
8	RT-CST-1080	M10 x 80	13	50
9	RT-CST-10100	M10 x 100	13	63
10	RT-CST-10125	M10 x 125	13	75
11	RT-CST-10160	M10 x 160	13	100
12	RT-CST-1250	M12 x 50	15	25
13	RT-CST-1263	M12 x 63	15	35
14	RT-CST-1280	M12 x 80	15	50
15	RT-CST-12100	M12 x 100	15	63
16	RT-CST-12125	M12 x 125	15	75
17	RT-CST-12160	M12 x 160	15	100
18	RT-CST-12200	M12 x 200	15	125
19	RT-CST-1463	M14 x 63	17	32
20	RT-CST-1480	M14 x 80	17	50
21	RT-CST-14100	M14 x 100	17	63
22	RT-CST-14125	M14 x 125	17	75
23	RT-CST-14160	M14 x 160	17	100
24	RT-CST-14200	M14 x 200	17	125
25	RT-CST-14250	M14 x 250	17	160
26	RT-CST-1663	M16 x 63	19	32
27	RT-CST-1680	M16 x 80	19	50
28	RT-CST-16100	M16 x 100	19	63
29	RT-CST-16125	M16 x 125	19	75
30	RT-CST-16160	M16 x 160	19	100

Sl.No	Model	Size	L1	L2
31	RT-CST-16200	M16 x 200	19	125
32	RT-CST-16250	M16 x 250	19	160
33	RT-CST-2080	M20 x 80	19	32
34	RT-CST-20100	M20 x 100	27	63
35	RT-CST-20125	M20 x 125	27	70
36	RT-CST-20160	M20 x 160	27	100
37	RT-CST-20200	M20 x 200	27	125
38	RT-CST-20250	M20 x 250	27	160
39	RT-CST-20315	M20 x 315	27	190
40	RT-CST-24100	M24 x 100	35	45
41	RT-CST-24125	M24 x 125	35	70
42	RT-CST-24160	M24 x 160	35	100
43	RT-CST-24200	M24 x 200	35	125
44	RT-CST-24250	M24 x 250	35	160
45	RT-CST-24315	M24 x 315	35	190
46	RT-CST-24400	M24 x 400	35	250
47	RT-CST-30125	M30 x 125	43	56
48	RT-CST-30160	M30 x 160	43	100
49	RT-CST-30200	M30 x 200	43	125
50	RT-CST-30250	M30 x 250	43	160
51	RT-CST-30315	M30 x 315	43	190
52	RT-CST-30400	M30 x 400	43	250
53	RT-CST-30500	M30 x 500	43	315
54	RT-CST-36160	M36 x 160	51	80
55	RT-CST-36200	M36 x 200	51	125
56	RT-CST-36250	M36 x 250	51	160
57	RT-CST-36315	M36 x 315	51	190
58	RT-CST-36400	M36 x 400	51	250
59	RT-CST-36500	M36 x 500	51	315

Material	Medium carbon steel / As per customer requirement
Heat Treatment	Hardened and Tempered to 24~32 HRC
Surface Protection	Black Oxide Coating.
Application	Mainly with T slot nut in milling machine workbench
Advantages	Increases the life of machine table from over tightening of T Nut
Manufacturing	As Per IS 13178 : 1991

Stud

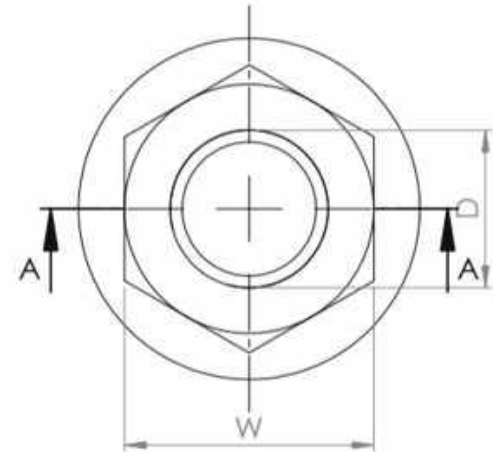
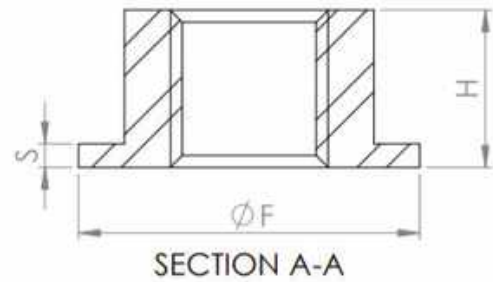


Sl.No	Model	Size	L1	L2
1	RT-CS-880	M8 x 80	25	35
2	RT-CS-8100	M8 x 100	25	35
3	RT-CS-8125	M8 X 125	25	35
4	RT-CS-8160	M8 X 160	25	35
5	RT-CS-1080	M10 x 80	25	35
6	RT-CS-10100	M10 x 100	25	35
7	RT-CS-10125	M10 x 125	25	40
8	RT-CS-10160	M10 x 160	25	50
9	RT-CS-1280	M12 x 80	25	35
10	RT-CS-12100	M12 x 100	25	35
11	RT-CS-12125	M12 x 125	25	40
12	RT-CS-12160	M12 x 160	25	50
13	RT-CS-12200	M12 x 200	25	60
14	RT-CS-1480	M14 x 80	25	35
15	RT-CS-14100	M14 x 100	25	35
16	RT-CS-14125	M14 x 125	25	40
17	RT-CS-14160	M14 x 160	25	50
18	RT-CS-14200	M14 x 200	25	60
19	RT-CS-1680	M16 x 80	25	35
20	RT-CS-16100	M16 x 100	25	35
21	RT-CS-16125	M16 x 125	25	40
22	RT-CS-16160	M16 x 160	25	50

Sl.No	Model	Size	L1	L2
23	RT-CS-16200	M16 x 200	25	60
24	RT-CS-2080	M20 x 80	25	35
25	RT-CS-20100	M20 x 100	25	35
26	RT-CS-20125	M20 x 125	25	40
27	RT-CS-20160	M20 x 160	25	50
28	RT-CS-20200	M20 x 200	25	60
29	RT-CS-24100	M24 x 100	25	35
30	RT-CS-24125	M24 x 125	25	40
31	RT-CS-24160	M24 x 160	25	50
32	RT-CS-24200	M24 x 200	25	60
33	RT-CS-30125	M30 x 125	25	40
34	RT-CS-30160	M30 x 160	25	50
35	RT-CS-30200	M30 x 200	25	60
36	RT-CS-36160	M36 x 160	30	50
37	RT-CS-36200	M36 x 200	30	60
38	RT-CS-36250	M36 x 250	30	75

Material	Medium carbon steel / As per customer requirement
Heat Treatment	Hardened and Tempered to 24~32 HRC
Surface Protection	Black Oxide Coating
Application	Decreases the clamping time and easy to couple with other Stud
Advantages	Increases the life of Machine Table.

Flange Nut

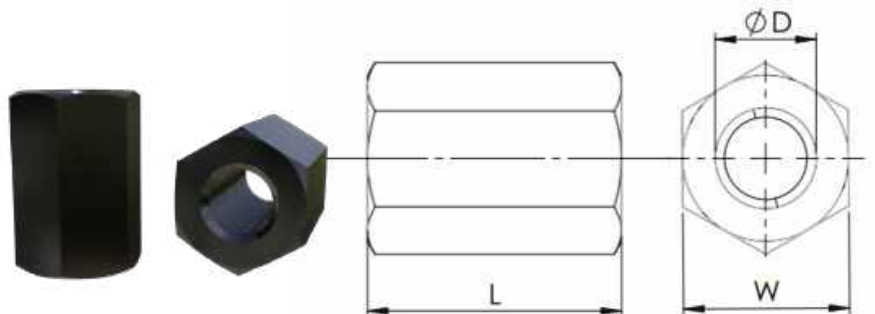


Sl.No	Model	D X W	F X S	H
1	RT-FN-813	M8 X 13	18 X 3.5	12
2	RT-FN-1016	M10 X 16	22 X 4	15
3	RT-FN-1218	M12 X 18	25 X 4	18
4	RT-FN-1421	M14 X 21	28 X 5	18
5	RT-FN-1624	M16 X 24	31 X 5	24
6	RT-FN-2030	M20 X 30	37 X 6	30
7	RT-FN-2436	M24 X 36	45 X 6	36
8	RT-FN-3046	M30 X 46	58 X 8	45
9	RT-FN-3655	M36 X 55	68 X 10	54

Material	Medium carbon steel / As per customer requirement
Heat Treatment	Hardened and Tempered to 24~32 HRC
Surface Protection	Black Oxide Coating
Application	Flange nut is used instead of Nut, since there is a flange on one side, Washer can be avoided.
Advantages	The necessity of using a washer is eliminated, Reduces damage to parts.
Manufacturing	IS 7795 - 2004

Extension Nut (Coupling Nut)

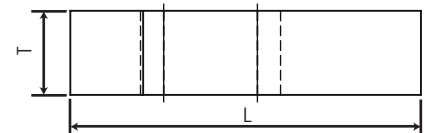
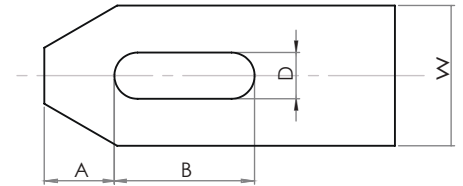
Sl.No	Model	D X L	W
1	RT-CN-610	M6 X 25	10
2	RT-CN-811	M8 X 25	13
3	RT-CN-1013	M10 X 30	16
4	RT-CN-1217	M12 X 36	19
5	RT-CN-1419	M14 X 48	19
6	RT-CN-1624	M16 X 48	24
7	RT-CN-2030	M20 X 60	30
8	RT-CN-2436	M24 X 72	36



Material	Medium carbon steel / As per customer requirement
Heat Treatment	Hardened and Tempered to 24~32 HRC
Surface Protection	Black Oxide Coating
Application	Mainly Used to make long thread rod assemblies from shorter Thread rod for Workpiece/Fixture clamping.
Advantages	Increase Length of stud, Shape is Hex so its easily accessible with wrench.
Manufacturing	As Per DIN 6334

Flat Clamp

Sl.No	Model	D X L	A	B	W	T
1	RT-FC-650	M6 X 50	10	20	20	12
2	RT-FC-860	M8 X 60	13	22	25	14
3	RT-FC-1080	M10 X 80	15	30	30	15
4	RT-FC-12100	M12 X 100	21	40	38	18
5	RT-FC-12125	M12 X 125	21	50	38	18
6	RT-FC-14100	M14 X 100	21	40	38	18
7	RT-FC-14125	M14 X 125	21	50	38	18
8	RT-FC-16125	M16 X 125	26	45	48	24
9	RT-FC-16160	M16 X 160	26	65	48	24
10	RT-FC-20160	M20 X 160	30	60	58	35
11	RT-FC-20200	M20 X 200	30	80	58	35
12	RT-FC-24200	M24 X 200	35	80	70	35
13	RT-FC-24250	M24 X 250	35	105	70	40
14	RT-FC-30250	M30 X 250	45	100	78	40
15	RT-FC-30315	M30 X 315	45	130	78	50
16	RT-FC-36315	M36 X 315	48	125	90	45
17	RT-FC-36350	M36 X 350	48	150	90	55
18	RT-FC-39350	M39 X 350	53	150	100	55
19	RT-FC-39400	M39 X 400	53	180	100	60

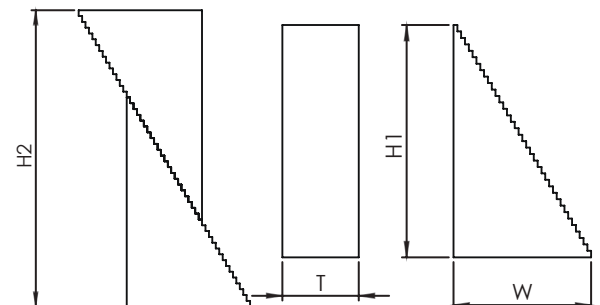


Material	Medium carbon steel / As per customer requirement
Heat Treatment	Hardened and Tempered to 24~32 HRC
Surface Protection	Black Oxide Coating
Application	Mainly used to hold the workpiece for milling operation
Advantages	Safe Clamping of Work piece.
Manufacturing	As Per IS 4292-1984



Serrated Block

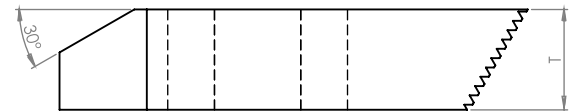
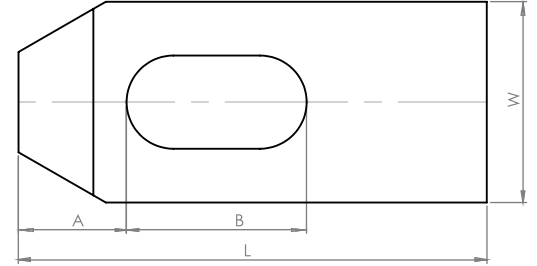
Sl.No	Model	H2Min X H2 Max	H1	W	T
1	RT-SB-001	M22 x 44	38	21	30
2	RT-SB-002	M40 x 100	63	36	30
3	RT-SB-003	M65 x 160	106	61	30
4	RT-SB-004	M40 x 100	63	36	48
5	RT-SB-005	M72 x 180	117	67	48



Material	Rolled Sheet, Flattened
Heat Treatment	Hardened and Tempered to 24~32 HRC
Surface Protection	Black Oxide Coating
Application	Mainly used with clamp as height blocks
Advantages	Many sizes of supports can be achieved in combination of different size of blocks.

Serrated Clamps

Sl.No	Model	Size	A	B	W	T
1	RT-SC-1060	M10x60	15	20	28	14
2	RT-SC-1080	M10x80	15	30	28	14
3	RT-SC-10120	M10x120	15	45	28	14
4	RT-SC-1265	M12x65	15	25	28	14
5	RT-SC-12100	M12x100	21	35	38	18
6	RT-SC-12125	M12x125	21	45	38	18
7	RT-SC-1475	M14x75	21	35	38	18
8	RT-SC-14125	M14x125	26	45	38	18
9	RT-SC-14160	M14x160	26	65	38	18
10	RT-SC-1675	M16x75	21	32	38	18
11	RT-SC-16125	M16x125	26	45	48	24
12	RT-SC-16160	M16x160	26	65	48	24
13	RT-SC-20160	M20x160	30	60	62	30
14	RT-SC-20200	M20x200	30	80	62	30
15	RT-SC-24200	M24x200	24	80	72	38

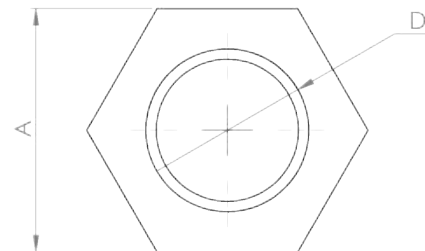
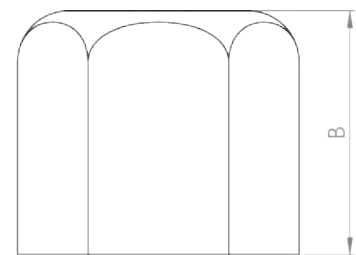


Material	Medium carbon steel / As per customer requirement.
Heat Treatment	Hardened and Tempered to 24-32 HRC
Surface Protection	Black Oxide Coating
Application	Mainly used to hold the workpiece for milling operation
Advantages	Safe Clamping of Work piece.



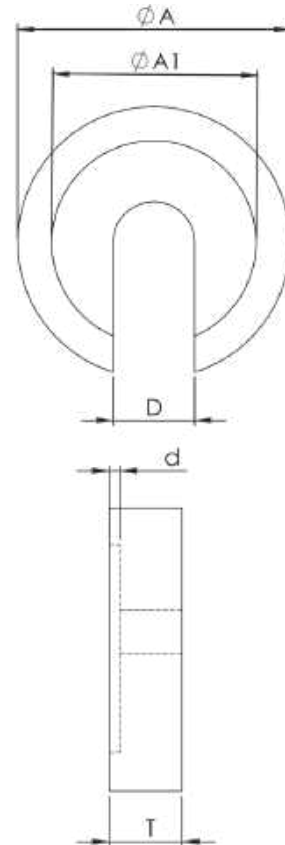
Long Nut

Sl.No	Model	D X B	A
1	RT-LN-812	M8 X 12	12
2	RT-LN-1015	M10 X 15	17
3	RT-LN-1218	M12 X 18	19
4	RT-LN-1421	M14 X 21	20
5	RT-LN-1624	M16 X 24	24
6	RT-LN-1827	M18 X 27	26
7	RT-LN-2023	M20 X 23	30
8	RT-LN-2232	M22 X 32	32
9	RT-LN-2436	M24 X 36	36
10	RT-LN-3045	M30 X 45	45



Material	Medium Carbon Steel / As per Customer requirement
Heat Treatment	Hardened and Tempered to 24-32 HRC
Surface Protection	Black Oxide Coating.
Application	Standard Hex nut with long length for strengthening purposes.
Advantages	Easily adjustable by operator at work

C Washer

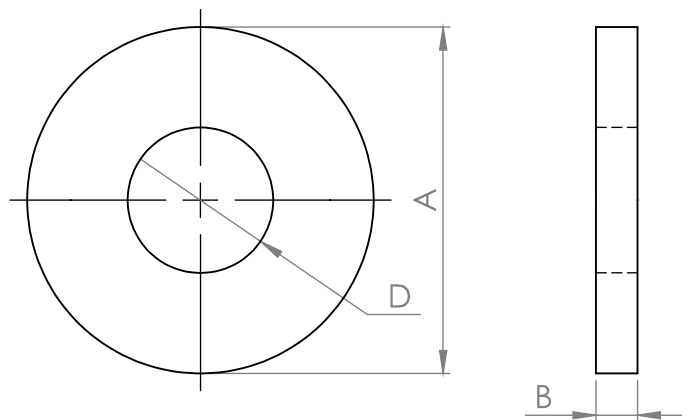


Sl.No	Model	D X A	A1	d	T
1	RT-CW-8	8.4 X 28	21	1	7
2	RT-CW-10	10.5 X 34	25	1.2	8
3	RT-CW-12	13 X 40	30	1.8	9
4	RT-CW-16	17 X 56	37	1.8	12
5	RT-CW-20	21 X 64	45	2	14
6	RT-CW-34	25 X 75	52	2	16
7	RT-CW-30	31 X 90	65	2	18
8	RT-CW-36	37 X 100	75	2.5	20

Material	Medium Carbon Steel / As per Customer requirement
Heat Treatment	Case Hardened
Surface Protection	Black Oxide Coating.
Application	During Production used for Quick Insertion and Removal.
Advantages	Reduces Workpiece Clamping time
Manufacturing	As Per IS 4291-1996

Plain Thick Washer

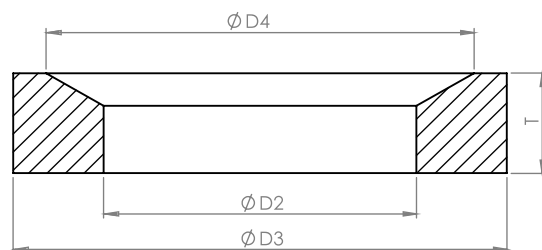
Sl.No	Model	D X A	B
1	RT-PW-8	8.4 x 23	4
2	RT-PW-10	10.5 x 28	4
3	RT-PW-12	13 x 35	5
4	RT-PW-14	15 x 40	5
5	RT-PW-16	17 x 45	6
6	RT-PW-20	21 x 50	6
7	RT-PW-24	25 x 60	8
8	RT-PW-30	31 x 68	10
9	RT-PW-36	38 x 80	10



Material	Forged-Medium carbon steel / As per customer requirement.
Heat Treatment	Case Hardened
Surface Protection	Black Oxide Coating.
Manufacturing	As Per IS DIN 6340

Spherical Washer with Conical Seat

S.No	Model	D	D1	D2	D3	D4	H	T
1	RT-SWCS-6	6.4	12	7.1	12	11	2.3	2.8
2	RT-SWSC-8	8.4	17	9.6	17	14.5	3.2	3.5
3	RT-SWSC-10	10.5	21	12	21	18.5	4	4.2
4	RT-SWSC-12	13	24	14.2	24	20	4.6	5
5	RT-SWSC-14	15	28	16.5	28	24.8	5	5.6
6	RT-SWSC-16	17	30	19	30	26	5.3	6.2
7	RT-SWSC-20	21	36	23.2	36	31	6.3	7.5
8	RT-SWSC-24	25	44	28	44	37	8.2	9.5
9	RT-SWSC-30	21	56	35	56	49	11.2	12
10	RT-SWSC-36	27	68	42	68	60	14	15
11	RT-SWSC-42	43	78	49	78	70	17	18
12	RT-SWSC-48	50	92	56	92	82	21	22



Material	Forged-Medium carbon steel / As per customer requirement.
Heat Treatment	Hardened and Tempered to 24~32 HRC
Surface Protection	Black Oxide Coating.
Application	Washer to hold an inclined work piece
Manufacturing	As Per IS 4297-1996

Jaws

Suitable for Samchully/Airtech/GMT/Kitagawa

CNC Soft Jaws



Sl.No	Chuck Dia	Jaw Size
1	Ø 135	23x23x65
2	Ø 135	23x30x65
3	Ø 135	23x38x65
4	Ø 165	30x38x80
5	Ø 165	30x48x80
6	Ø 165	30x78x80
7	Ø 200	38x38x90
8	Ø 200	38x48x90
9	Ø 200	38x78x90
10	Ø 250	48x48x110
11	Ø 250	48x78x110
12	Ø 250	48x98x110
13	Ø 315	48x48x115
14	Ø 315	48x78x115
15	Ø 315	48x98x115

Hard Jaws

Sl.No	Chuck Dia
1	Ø 165 mm
2	Ø 200 mm
3	Ø 250 mm



T Nut - Chuck soft Jaws

Sl.No	Chuck Dia
1	Ø 135 mm
2	Ø 165 mm
3	Ø 200 mm
4	Ø 250 mm
5	Ø 315 mm





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