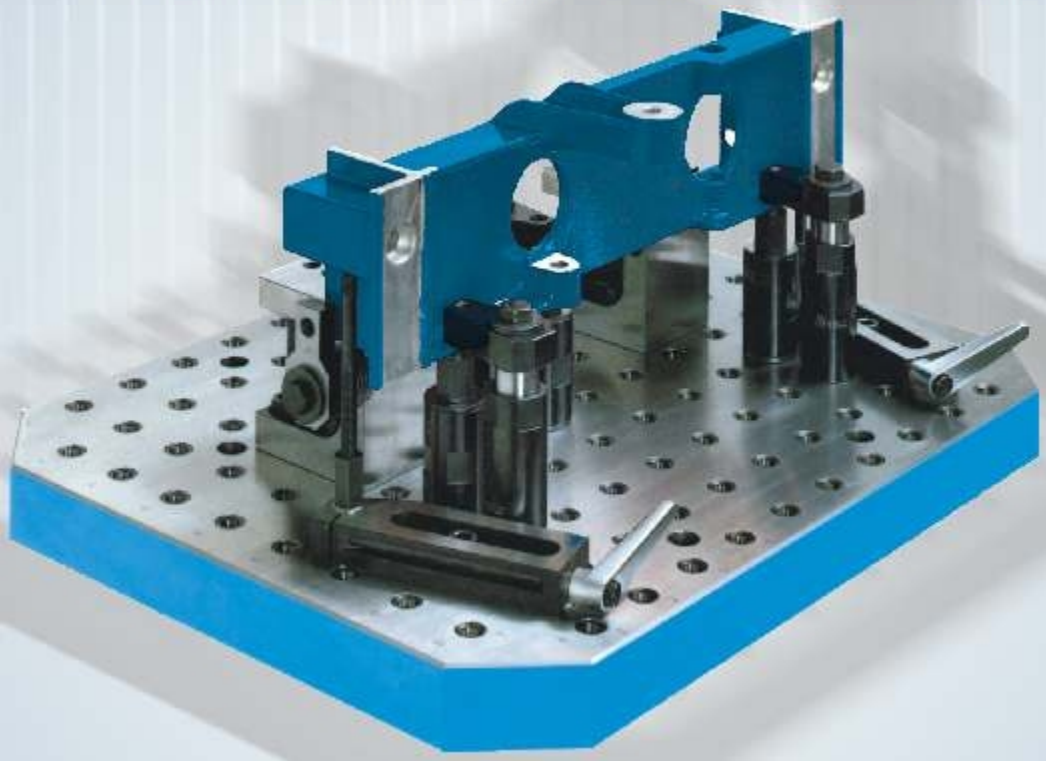
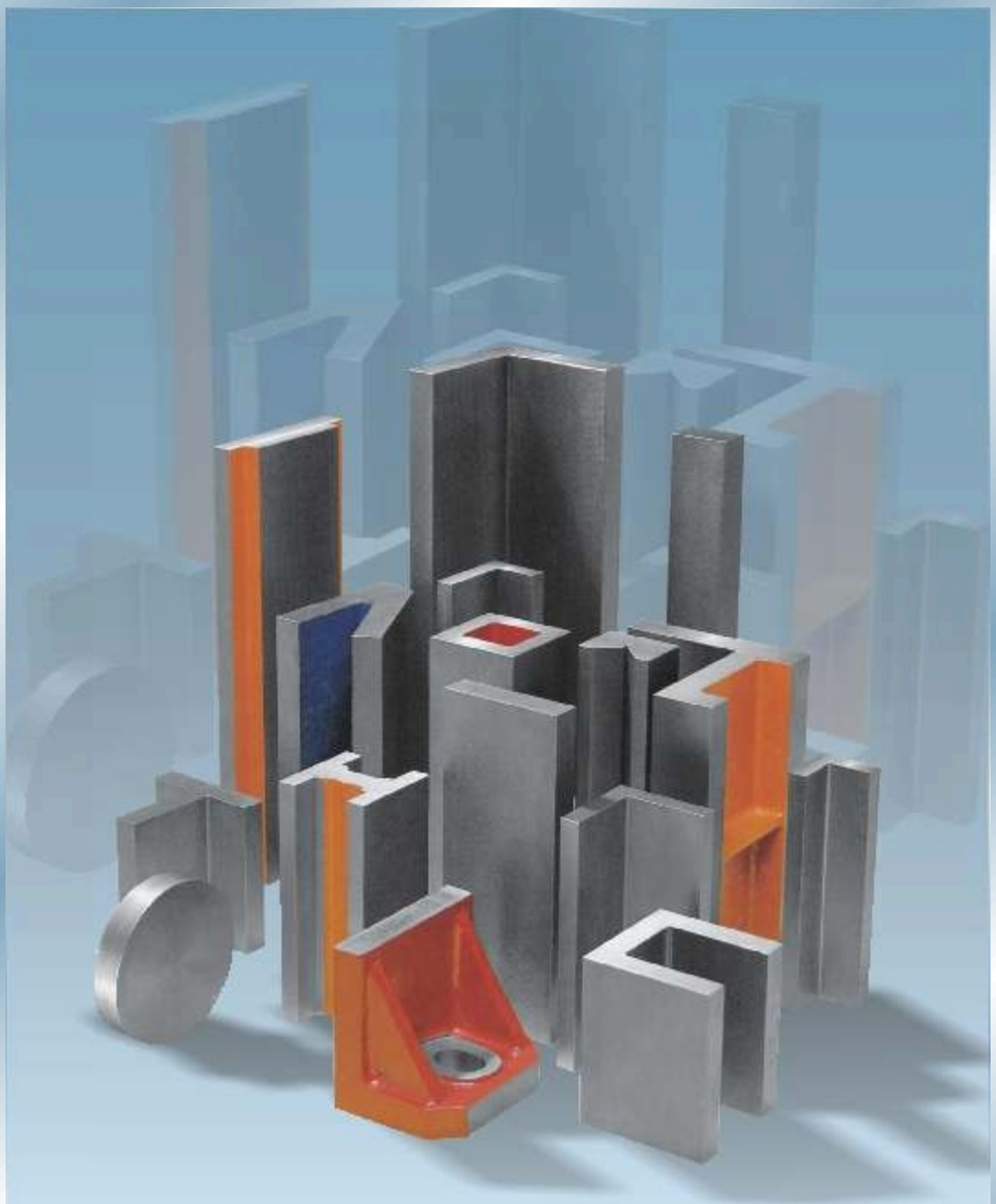
AGOG

INDUSTRIES



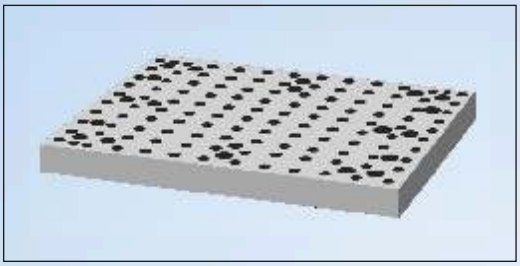
SIDHHI

Modular Fixturing System



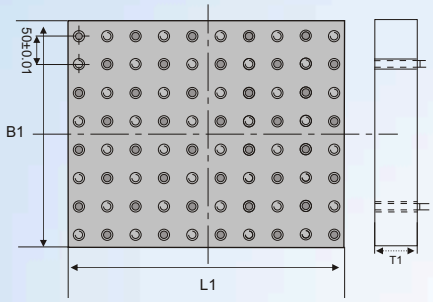
Modular Fixturing Elements

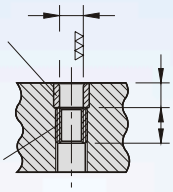
RECTANGULAR GRID PLATES



Code No	L1 mm	B1 mm	T1 mm	No of M12 Tap Hole	No of Ø12 H6 Hole
SRGP200	200	300	35	12	12
SRGP300	300	400	35	24	24
SRGP400	400	500	40	40	40
SRGP500	500	600	40	60	60

CUSTOM GRID PLATES ARE AVAILABLE ON REQUEST



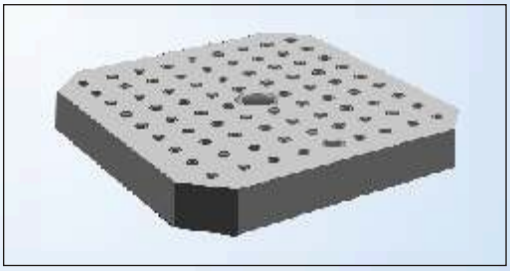


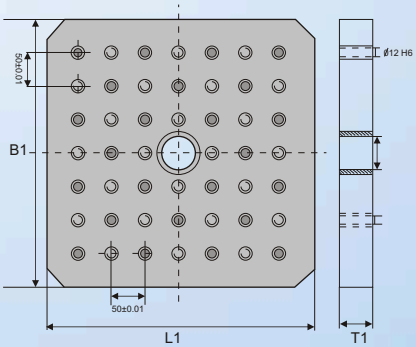
Body
Material : Graded cast iron Precision ground
Alignment Bushing
Material : Allaoy Steel Heat Treated

SQUARE GRID PLATES

Code No.	L1 mm	B1 mm	T1 mm	No of M12 Tap Hole	No of Ø12 H6 Hole
SSGP250	250	250	35	12	12
SSGP315	315	315	35	17	18
SSGP400	400	400	40	25	25
SSGP450	450	450	40	31	32
SSGP500	500	500	45	40	40
SSGP550	550	550	45	50	50
SSGP630	630	630	50	60	59

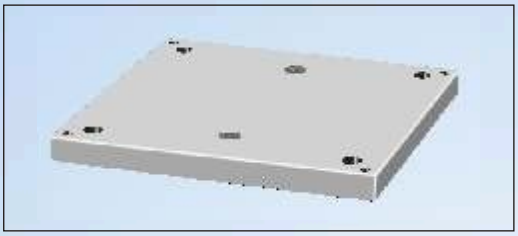
CUSTOM GRID PLATES ARE AVAILABLE ON REQUEST

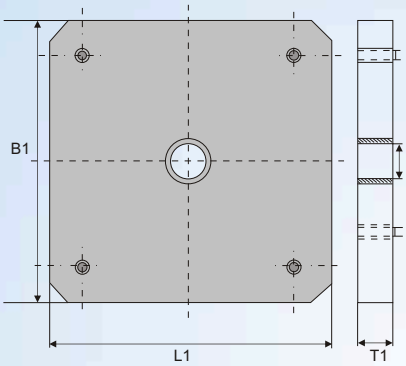




Body
Material : Graded cast iron Precision ground
Alignment Bushing
Material : Allaoy Steel Heat Treated

BLANK FIXTURE PLATE



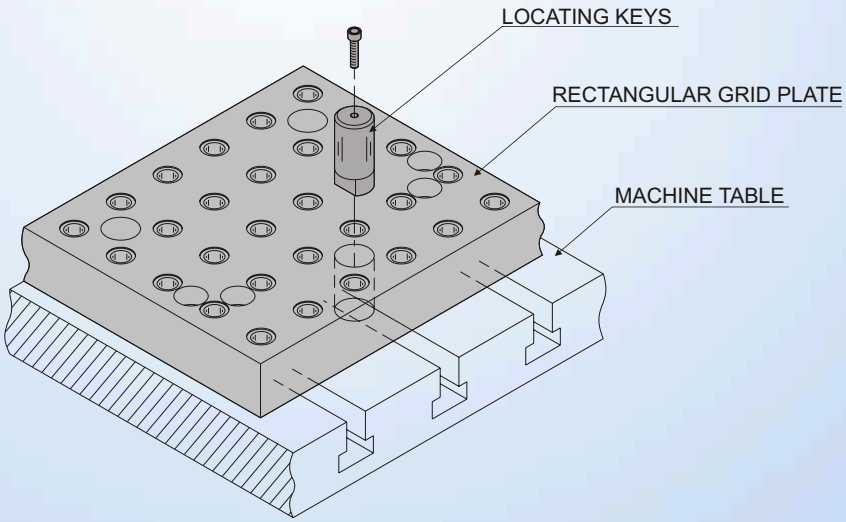


Code No.	L1 mm	B1 mm	T1 mm	No of M12 Tap Hole	No of Ø12 H6 Hole
SFP200	200	300	35	12	12
SFP250	250	250	35	12	12
SFP300	300	400	35	24	24
SFP315	315	315	35	17	18
SFP400	400	400	40	25	25
SFP400	400	500	40	40	40
SFP450	450	450	40	31	32
SFP500	500	500	45	40	40
SFP500	500	600	40	60	60
SFP550	550	550	45	50	50
SFP630	630	630	50	60	59

CUSTOM FIXTURE PLATES ARE AVAILABLE UPON REQUEST

Body
Material : Graded cast iron Precision ground
Alignment Bushing
Material : Allaoy Steel Heat Treated

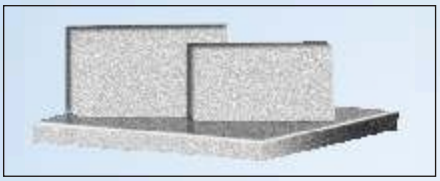
GUIDE TO LOCATE ON MACHINE TABLE



Custom Grid bases are available upon request

GROUND PLATE

Ground plates have a wide utility in Press tools, Injection Moulding, Die Casting & Compression Dies
Ground Plates can be tailor made as per customers specifications on request
MATERIAL: MILD STEEL / C-45



Sizes :		Thickness
Light :	○	16, 22, 26mm
Medium :	▭	26, 30, 36, 46mm
Heavy :	✡	40, 50, 76, 96mm

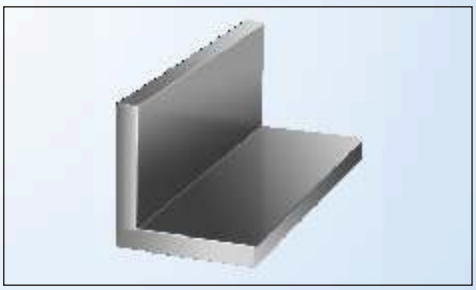
W \ L		140	160	200	250	300	350	400	450	500	550	600
110	○											
120		○										
160			○	○	○	○						
200				▭	▭	▭	▭	▭				
220					▭	▭	▭	▭				
250					▭	▭	▭	▭	▭	▭		
300						▭	▭	▭	▭	▭	▭	▭
350							✡	✡	✡	✡	✡	✡
400								✡	✡	✡	✡	✡
450									✡	✡	✡	✡

CUSTOM GROUNG PLATES ARE AVAILABLE ON REQUEST

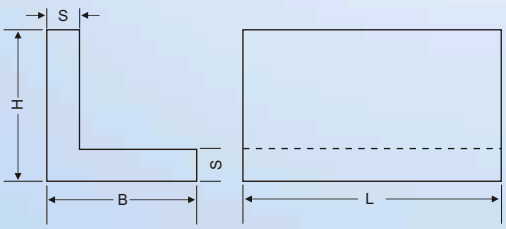
ANGLE PLATE

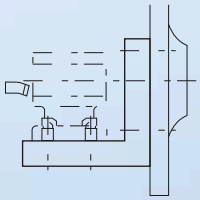
Code No.	L			B	H	S
A 150 32	150			32	32	10
A 150 40	150			40	40	12
A 150 50	150			50	50	12
A 150/300 63	150		300	63	63	12
A 200/300 80		200	300	80	80	16
A 200/300 100		200	300	100	100	20
A 200/300 125		200	300	125	125	20
A 300 160			300	160	160	25

Custom Sizes are available on request

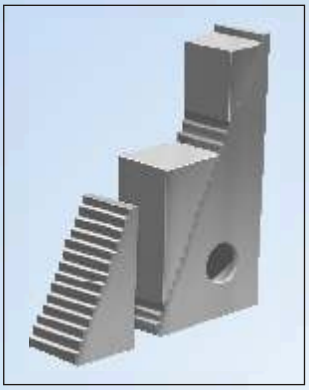


Body
Material : Graded cast iron Precision ground





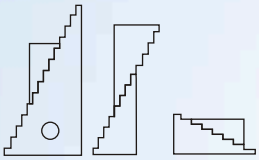
STEP BLOCK

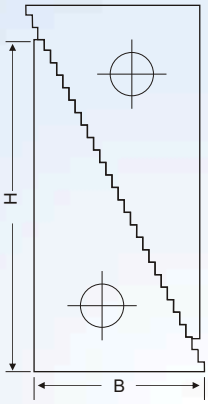


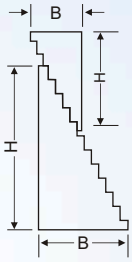
Code No.	A	B x H	Height Adjestment	
			Min.	Max.
STEP 20 30	30/50	20 x 30	22	50
STEP 36 66	30/50	36 x 66	40	107
STEP 68 131	30/50	68 x 131	70	208

Custom Sizes are available on request

Body
Material : Graded cast iron Precision ground





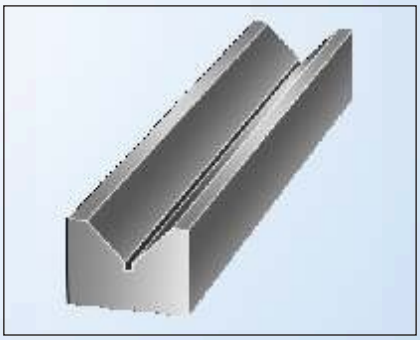


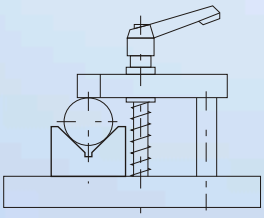
V BLOCK

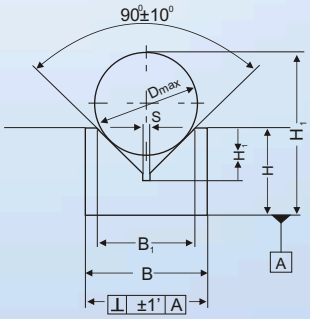
Code No.	L	B	B1	H	H1
V100 16	100	25	15	16	8.5
V100 95	100	50	50	95	58

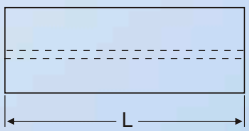
Custom Sizes are available on request

Body
Material : Graded cast iron Precision ground

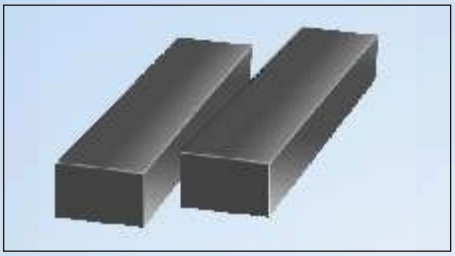


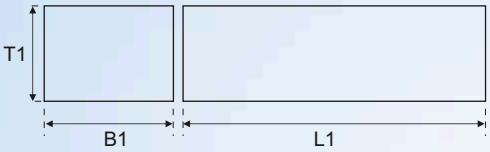






PARALLEL BLOCK





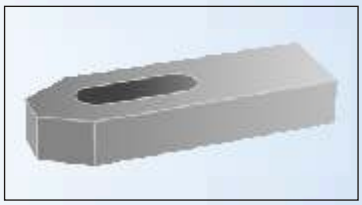
Code No.	L1 mm	B1 mm				T1 mm		
SPB 50	50	75	100	200	20	25	32	
SPB100	100	50	75			20	25	32
SPB160	160	50	75	100		20	25	32
SPB200	200	50	75	100		20	25	32
SPB250	250	50	75	100			25	32
SPB300	300	50	75	100			25	32
SPB400	400	50	75	100			25	32
SPB500	500	50	75	100	200		25	32
SPB600	600	50	75	100	200	20	25	32

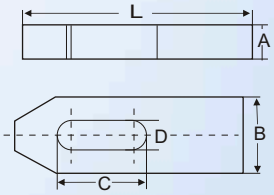
Custom Sizes are available on request

Material : Allaoy Steel Heat Treated

STRAP CLAMP

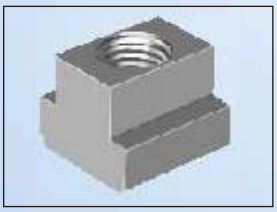
Code No.	L	A	D	B	C
SSC 8 60	60	12	9	25	22
SSC 10 80	80	15	11	30	30
SSC 12 100	100	20	14	40	40
SSC 12 125	125	20	14	40	50
SSC 16 125	125	25	18	50	55
SSC 16 160	160	25	18	50	60
SSC 20 160	160	30	22	60	60
SSC 20 200	200	30	22	60	80
SSC 24 250	250	40	26	70	105

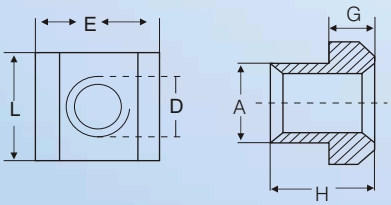




Application: Widely used in most of the clamping system
Features : Heat treated steel (40 to 45HRC). **Finish :** Blackodized

T - NUT

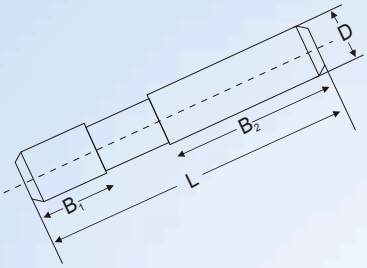




Code No.	A	E	L	H	G
STN10 12	11.5	18	18	14	7
STN12 14	13.5	22	22	16	8
STN12 16	15.5	22	22	16	8
STN12 18	17.5	22	22	16	8
STN16 18	17.5	28	28	20	12
STN16 20	19.5	28	28	20	12
STN20 24	22	35	38	28	14
STN24 28	28	46	44	38	18

Application: Useful for 'T' slot, jig fixtures, hydraulic elements, adopters and assorted settings elements.
Features : Heat treated C45 to 22 to 28HRC). **Finish :** Blackodized

CLAMPING STUD

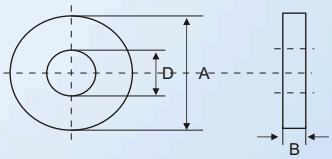


Code No.	D	L	B_1	B_2
SCS1250	M12	50	15	25
SCS1280	M12	80	15	50
SCS12100	M12	100	15	63
SCS12125	M12	125	15	75
SCS12 160	M12	160	15	100
SCS12200	M12	200	15	125
SCS12250	M12	250	16	150
SCS16100	M16	100	19	63
SCS16125	M16	125	19	75
SCS16160	M16	160	19	100
SCS16200	M16	200	19	125
SCS16250	M16	250	19	160
SCS16315	M16	315	19	180
SCS 20 100	M20	100	28	60
SCS 20 160	M20	160	28	100
SCS 20 200	M20	200	28	125
SCS 20 250	M20	250	28	150
SCS 20 300	M20	300	28	200
SCS 24 125	M24	125	36	50
SCS 24 250	M24	250	36	160
SCS 24 300	M24	300	36	200

Application: Widely used in most of the clamping system
Features : Toughened: C45 to 22 to 28 HRC
Finish : Blackodized. **Threading :** Rolled Threads

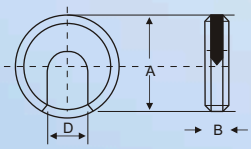
PLAIN WASHER

Code No.	Size	A	D	B
SPW6	M6	17	6.4	3
SPW8	M8	23	8.5	4
SPW10	M10	28	10.5	4
SPW12	M12	35	13	5
SPW16	M16	45	17	6
SPW20	M20	50	21	6
SPW24	M24	60	25	8
SPW30	M30	68	31	10



Application: Widely used in most of the clamping system
Features : Heat treated steel (40 to 45HRC). **Finish :** Blackodized

C - WASHER

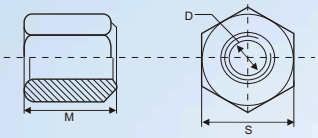


Code No.	Size	A	D	B
SCW 8	M8	32	8.4	8
SCW 10	M10	40	10.5	10
SCW 12	M12	50	13	10
SCW 16	M16	63	17	12
SCW 20	M20	80	21	12
SCW 24	M24	100	25	12

Application: Widely used in most of the clamping system, it could swung out of the way and the part can be inserted or removed quickly.
Features : Heat treated steel (40 to 45HRC). **Finish :** Blackodized

HEX NUT

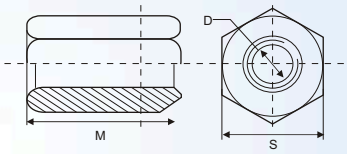
Code No.	D	M	S
SHN812	M8	12	13
SHN1015	M10	15	17
SHN1218	M12	18	19
SHN1624	M16	24	24
SHN 20 30	M20	30	32
SHN 24 36	M24	36	38

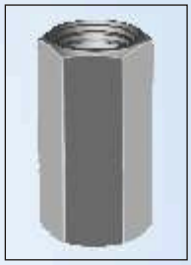


Application: Widely used on machine shops for most of the machines, Jig fixtures, Hydraulic elements etc.
Features : Heat treated C45 to 22 to 28 HRC. **Finish :** Blackodized

EXTENSION NUT

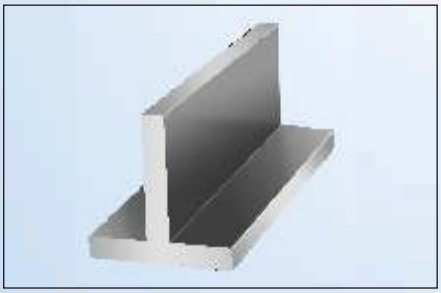
Code No.	D	M	S
SHN 8 24	M8	24	13
SHN 10 30	M10	30	17
SHN 12 36	M12	36	19
SHN16 48	M16	48	24
SEN 20 60	M20	60	38





Application: To Couple the studs for the purpose of increasing the length.
Features : Heat treated C45 to 22 to 28 HRC. **Finish :** Blackodized

T PLATE

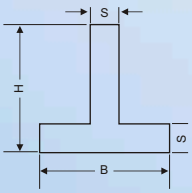


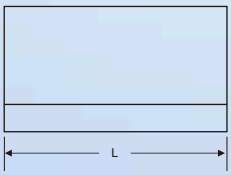
Custom Sizes are available on request

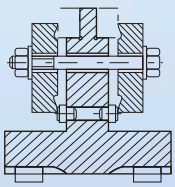
Code No.	L	B	H	S
T 150 40	150	40	40	10
T 150 63	150	63	63	12
T 150 80	150	80	80	16
T 150 100	150	100	100	20
T 150 125	150	125	125	20
T 150 150	150	150	150	25

Custom Sizes are available on request

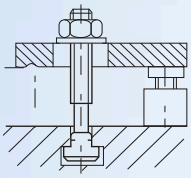
Body
Material : Graded cast iron Precision ground

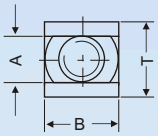


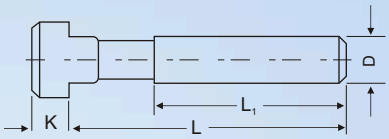




T - BOLT





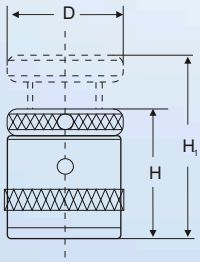


Type	ØD x T x L	K	L1	A x B
T2-TB-1040	M10x10x40	6	30	15X15
T2-TB-1065	M10x10x65	6	45	15x15
T2-TB-1080	M10x10x80	6	40	15x15
T2-TB10100	M10x10x100	6	60	15x15
T2-TB-1250	M12x12x50	7	35	18x18
T2-TB-1265	M12x12x65	7	40	18x18
T2-TB-1280	M12x12x80	7	55	18x18
T2-TB-12100	M12x12x100	7	50	18x18
T2-TB-12125	M12x12x125	7	75	18x18
T2-TB-12160	M12x12x160	7	80	18x18
T2-TB-1265	M12x12x65	7	40	18x18
T2-TB-12200	M12x12x200	7	120	18x18
T2-TB-1450	M12x14x50	8	35	22x22
T2-TB-1465	M12x14x65	8	40	22x22
T2-TB-1480	M12x14x80	8	55	22x22
T2-TB-14100	M12x14x100	8	50	22x22
T2-TB-14125	M12x14x125	8	75	22x22
T2-TB-14160	M12x14x160	8	80	22x22
T2-TB-14200	M12x14x200	8	120	22x22
T2-TB-14250	M12x14x250	8	150	22x22
T2-TB-1665	M16x16x65	9	45	25x25
T2-TB-1680	M16x16x80	9	55	25x25
T2-TB-16100	M16x16x100	9	65	25x25
T2-TB-16125	M16x16x125	9	80	25x25
T2-TB-16160	M16x16x160	9	100	25x25
T2-TB-16200	M16x16x200	9	125	25x25
T2-TB-16250	M16x16x250	9	150	25x25
T2-TB-1865	M16x18x65	10	45	28x28
T2-TB-1880	M16x18x80	10	55	28x28
T2-TB-18100	M16x18x100	10	65	28x28
T2-TB-18125	M16x18x125	10	80	28x28

Type	ØD x T x L	K	L1	A x B
T2-TB-18160	M16x18x160	10	100	28x28
T2-TB-18200	M16x18x200	10	125	28x28
T2-TB-18250	M16x18x250	10	150	28x28
T2-TB-2080	M20x20x80	12	55	32x32
T2-TB-20100	M20x20x100	12	65	32x32
T2-TB-20125	M20x20x125	12	85	32x32
T2-TB-20160	M20x20x160	12	110	32x32
T2-TB-20200	M20x20x200	12	125	32x32
T2-TB-20250	M20x20x250	12	150	32x32
T2-TB-20320	M20x20x320	12	190	32x32
T2-TB-2280	M20x22x80	14	55	35x35
T2-TB-22100	M20x22x100	14	65	35x35
T2-TB-22125	M20x22x125	14	85	35x35
T2-TB-22160	M20x22x160	14	110	35x35
T2-TB-22200	M20x22x200	14	125	35x35
T2-TB-22250	M20x22x250	14	150	35x35
T2-TB-22320	M20x22x320	14	190	35x35
T2-TB-24100	M24x24x100	16	70	40x40
T2-TB-24125	M24x24x125	16	85	40x40
T2-TB-24160	M24x24x160	16	110	40x40
T2-TB-24200	M24x24x200	16	125	40x40
T2-TB-24250	M24x24x250	16	150	40x40
T2-TB-24320	M24x24x320	16	190	40x40
T2-TB-24400	M24x24x400	16	250	40x40
T2-TB-28100	M24x28x100	18	70	44x44
T2-TB-28125	M24x28x125	18	85	44x44
T2-TB-28160	M24x28x160	18	110	44x44
T2-TB-28200	M24x28x200	18	125	44x44
T2-TB-28250	M24x28x250	18	150	44x44
T2-TB-28320	M24x28x320	18	190	44x44
T2-TB-28400	M24x28x400	18	240	44x44

Application: Suitable as clamping elements on T slotted bed
Features : Medium carbon steel, Heat treated
Finish : Blackodized

SCREW JACK

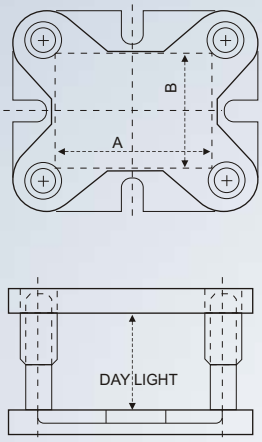


Code No.	D	H	H_1
SSJ 50 50	50	50	70
SSJ 50 70	50	70	100
SSJ 65 100	65	100	140

Application: For Mounting in Modular system. It is economic, stable & Sturdy
Features : Heat treated C45 to 22 to 28 HRC. **Finish :** Blackodized

DIE SETS

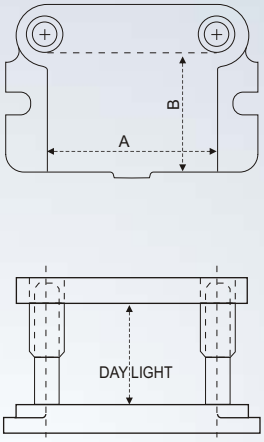
Four Pillar Rectangular Die set



ReferenceDie Space

Cat. No.	A	B
SFRD1	125	100
SFRD2	150	125
SFRD3	200	160
SFRD4	225	175
SFRD5	250	200
SFRD6	300	250
SFRD7	325	275
SFRD8	350	300
SFRD9	375	325
SFRD10	400	350

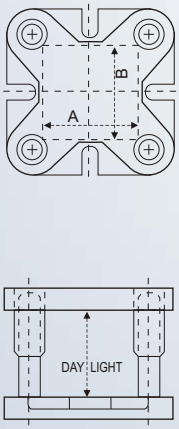
Two Pillar Rectangular Die set



ReferenceDie Space

Cat. No.	A	B
STRD1	65	50
STRD2	100	75
STRD3	125	100
STRD4	150	75
STRD5	200	150
STRD6	225	175
STRD7	300	125
STRD8	450	200
STRD9	500	250
STRD10	600	450

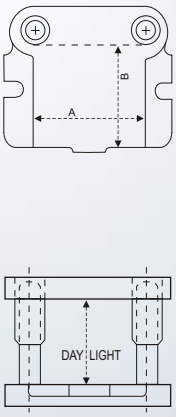
Four Pillar Square Die set



ReferenceDie Space

Cat. No.	A	B
SFSD1	175	175
SFSD2	200	200
SFSD3	225	225
SFSD4	250	250
SFSD5	275	275
SFSD6	300	300
SFSD7	325	325
SFSD8	350	350
SFSD9	375	375
SFSD10	400	400

Two Pillar Rectangular Die set



ReferenceDie Space

Cat. No.	A	B
STSD1	75	75
STSD2	100	100
STSD3	125	125
STSD4	150	150
STSD5	175	175
STSD6	200	200
STSD7	225	225
STSD8	250	250
STSD9	300	300
STSD10	350	350

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Mould Bases for injection Moulding,
Rubber Moulding & Die Casting as per requirement

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M-41, MIDC, Ambad, Nashik - 411010

Telefax : 0253 2384446, 2384569

e-mail : agog41@gmail.com, agog@sancharnet.in

Website : www.agogindustries.com