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FITTINGS & BRACKETS**

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<p>AI 001</p> <p><b>FLAT SQUARE WASHER</b></p>	<p>AI 002</p> <p><b>FLAT PLATE 2 HOLE</b></p>	<p>AI 003</p> <p><b>FLAT PLATE 3 HOLE</b></p>	<p>AI 004</p> <p><b>FLAT PLATE 4 HOLE</b></p>
<p>AI 005</p> <p><b>FLAT PLATE 5 HOLE</b></p>	<p>AI 006</p> <p><b>RIGHT ANGLE FLAT BEND</b></p>	<p>AI 007</p> <p><b>FLAT TEE</b></p>	<p>AI 008</p> <p><b>RIGHT ANGLE 1 HOLE 1 HOLE</b></p>
<p>AI 009</p> <p><b>RIGHT ANGLE 1 HOLE 1 HOLE</b></p>	<p>AI 010</p> <p><b>RIGHT ANGLE 2 HOLE 1 HOLE</b></p>	<p>AI 011</p> <p><b>RIGHT ANGLE 2 HOLE 1 HOLE</b></p>	<p>AI 012</p> <p><b>RIGHT ANGLE 2 HOLE 1 HOLE</b></p>
<p>AI 013</p> <p><b>RIGHT ANGLE 2 HOLE 2 HOLE</b></p>	<p>AI 014</p> <p><b>RIGHT ANGLE 3 HOLE 1 HOLE</b></p>	<p>AI 015</p> <p><b>RIGHT ANGLE TEE L / HAND</b></p>	<p>AI 016</p> <p><b>RIGHT ANGLE TEE R/HAND</b></p>
<p>AI 017</p> <p><b>RIGHT ANGLE TEE CENTRE</b></p>	<p>AI 018</p> <p><b>DELTA PLATE RIGHT ANGLE 2 HOLE 2 HOLE</b></p>	<p>AI 019</p> <p><b>DELTA PLATE RIGHT ANGLE 1 HOLE 2 HOLE</b></p>	<p>AI 020</p> <p><b>GUSSETED RIGHT ANGLE 2 HOLE 2 HOLE</b></p>
<p>AI 021</p> <p>A = 15 A = 22.5 A = 45</p> <p><b>OBTUSE ANGLE</b></p>	<p>AI 022</p> <p><b>OBTUSE ANGLE BRACKET</b></p>	<p>AI 022A</p> <p><b>ANGLE FITTING BRACKET</b></p>	<p>AI 023</p> <p><b>OBTUSE ANGLE BRACKET</b></p>

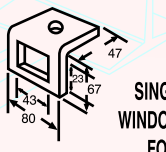
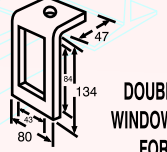
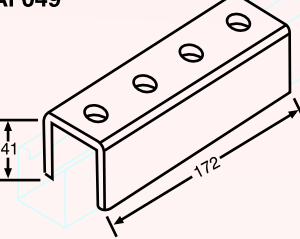
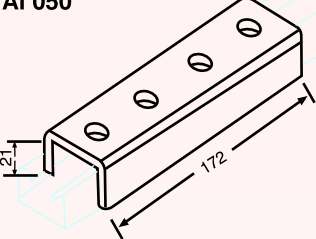
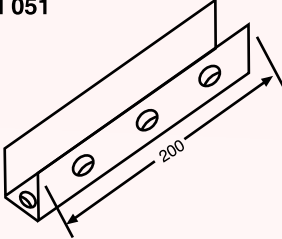
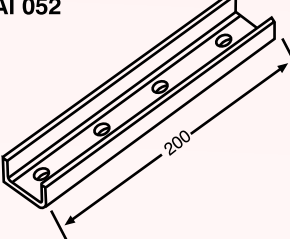
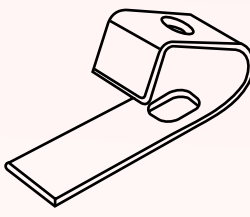
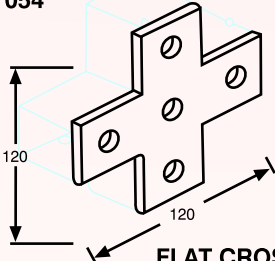
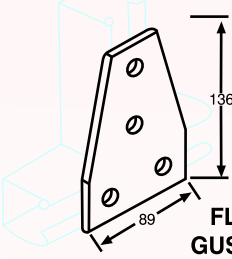
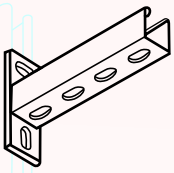
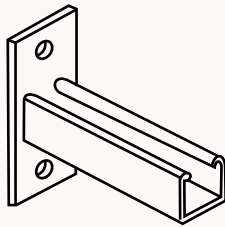
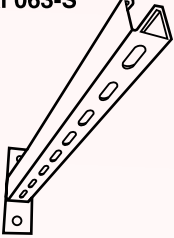
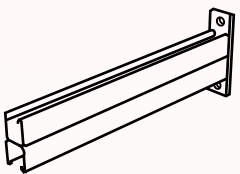
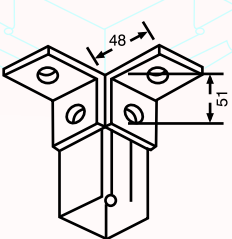
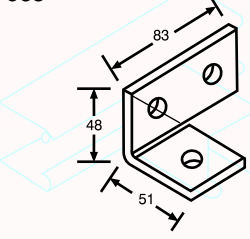
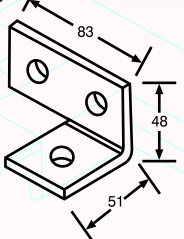
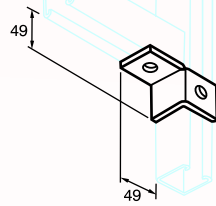
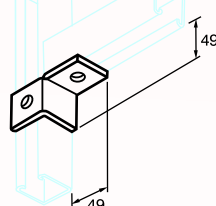
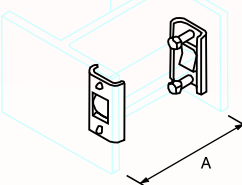
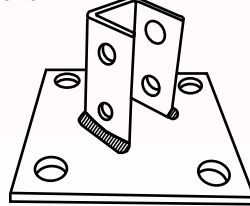
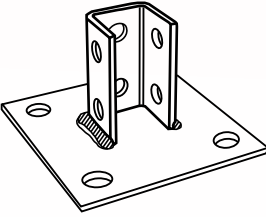
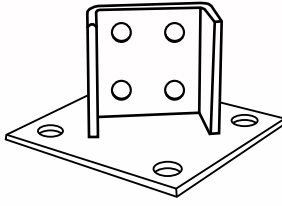
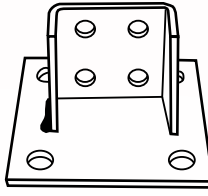
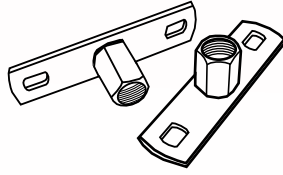
NOTE : Please refer to drawings for the correctness of sizes. The above mentioned sizes are for reference only.



<p>AI 024</p> <p><b>ACUTE ANGLE</b></p>	<p>AI 025</p> <p><b>45 DEG ANGLE TEE CENTRE</b></p>	<p>AI 026</p> <p><b>Z BRACKET 20 MM</b></p>	<p>AI 027</p> <p><b>Z BRACKET 40 MM</b></p>
<p>AI 028</p> <p><b>Z BRACKET 80 MM</b></p>	<p>AI 029</p> <p><b>U BRACKET 20 MM</b></p>	<p>AI 030</p> <p><b>U BRACKET 40 MM</b></p>	<p>AI 031</p> <p><b>U BRACKET 80 MM</b></p>
<p>AI 032</p> <p><b>U BRACKET 80 MM</b></p>	<p>AI 033</p> <p><b>C BRACKET 80 MM</b></p>	<p>AI 034</p> <p><b>SINGLE BASE PLATE</b></p>	<p>AI 035</p> <p><b>SINGLE BASE PLATE</b></p>
<p>AI 036</p> <p><b>DOUBLE BASE PLATE</b></p>	<p>AI 037</p> <p><b>SINGLE GUSS BASE PLATE</b></p>	<p>AI 038</p> <p><b>DOUBLE GUSS BASE PLATE</b></p>	<p>AI 039</p> <p><b>2 LUG WING</b></p>
<p>AI 039 A</p> <p><b>3 LUG WING</b></p>	<p>AI 040</p> <p><b>TOP BEAM CLAMP</b></p>	<p>AI 041</p> <p><b>BEAM CLAMP TAPPED</b> Supplied with cone point screw</p>	<p>AI 042</p> <p><b>BEAM CLAMP</b> Supplied with cone point screw</p>
<p>AI 043</p> <p><b>TAPPED ZEE SUPPORT</b> Supplied with cone point screw</p>	<p>AI 044/41 MM</p> <p><b>WINDOW BRACKET FOR 41 MM</b> Supplied with cone point screw</p>	<p>AI 045/41 MM</p> <p><b>BRACKET WITH U BOLT FOR 41 MM</b></p>	<p>AI 046/82 MM</p> <p><b>BRACKET WITH U BOLT FOR 82 MM</b></p>

NOTE : Please refer to drawings for the correctness of sizes. The above mentioned sizes are for reference only.



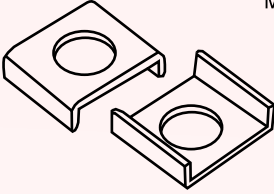
<p>AI 047/21 MM</p>  <p><b>SINGLE STRUT WINDOW BRACKET FOR 21 MM</b></p> <p>Supplied with cone point screw</p>	<p>AI 048/82 MM</p>  <p><b>DOUBLE STRUT WINDOW BRACKET FOR 82 MM</b></p> <p>Supplied with cone point screw</p>	<p>AI 049</p>  <p><b>EXTERNAL JOINT PLATE 41x41</b></p>	<p>AI 050</p>  <p><b>EXTERNAL JOINT PLATE 45x43</b></p>
<p>AI 051</p>  <p><b>INTERNAL JOINT PLATE 41x41</b></p>	<p>AI 052</p>  <p><b>INTERNAL JOINT PLATE 41x21</b></p>	<p>AI 053</p>  <p><b>PURLIN CLIP</b></p>	<p>AI 054</p>  <p><b>FLAT CROSS</b></p>
<p>AI 055</p>  <p><b>FLAT GUSSET</b></p>	<p>AI 063-AS</p>  <p>LENGTH 150 MM 300 MM 450 MM 600 MM 750 MM 900 MM</p> <p><b>ADJUSTABLE CANTILEVER ARM SLOTTED</b></p>	<p>AI 063-R</p>  <p>LENGTH 150 MM 300 MM 450 MM 600 MM 750 MM 900 MM 1000 MM</p> <p><b>CANTILEVER ARM REGULAR</b></p>	<p>AI 063-S</p>  <p>LENGTH 150 MM 300 MM 450 MM 600 MM 750 MM 900 MM</p> <p><b>CANTILEVER ARM SLOTTED</b></p>
<p>AI 063-BB</p>  <p>LENGTH 150 MM 300 MM 450 MM 600 MM 750 MM 900 MM</p> <p><b>BACK TO BACK CANTILEVER ARM</b></p>	<p>AI 064</p>  <p><b>RIGHT ANGLE WING</b></p>	<p>AI 065</p>  <p><b>RIGHT ANGLE BEND R/HAND</b></p>	<p>AI 066</p>  <p><b>RIGHT ANGLE BEND L/HAND</b></p>
<p>AI 067</p>  <p><b>CHANNEL BASE WING (LEFT HAND)</b></p>	<p>AI 068</p>  <p><b>CHANNEL BASE WING (RIGHT HAND)</b></p>	<p>AI 069</p>  <p><b>COLUMN INSERT</b></p>	<p>AI 070</p>  <p><b>POST BASE SINGLE CHANNEL</b></p>
<p>AI 070 SQ</p>  <p><b>POST BASE SINGLE CHANNEL</b></p>	<p>AI 071</p>  <p><b>POST BASE DOUBLE CHANNEL</b></p>	<p>AI 071 SQ</p>  <p><b>POST BASE DOUBLE CHANNEL</b></p>	<p>AI 072</p>  <p><b>BOSS PLATE (DUAL THREAD)</b></p> <p>M8 M10</p>

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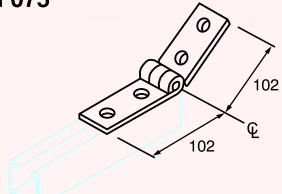


**AI 073** M8  
M10



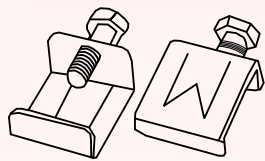
**CLIP WASHER**

**AI 075**



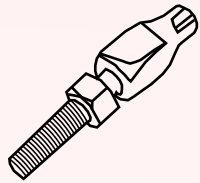
**HINGE BRACKET**

**AI 076**



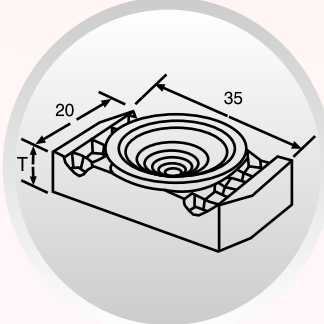
**DUCT G CLAMP**

**AI 077** SIZE  
M10

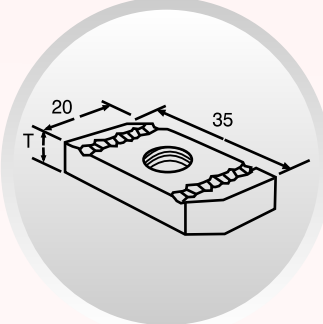


**SWIVEL ROD HANGERS**

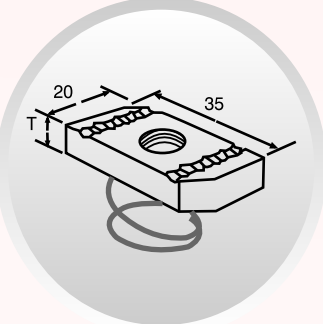
**CHANNEL NUT**



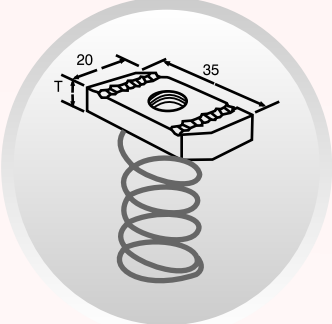
M6X6mm TOP GRIP  
M8X6mm TOP GRIP  
M10X8mm TOP GRIP  
M12X8mm TOP GRIP  
M12X9.2mm TOP GRIP  
M16X10mm TOP GRIP



M6X6mm NO SPRING  
M8X6mm NO SPRING  
M10X8mm NO SPRING  
M12X8mm NO SPRING  
M12X9.2mm NO SPRING  
M16X10mm NO SPRING



M6X6mm SHORT SPRING  
M8X6mm SHORT SPRING  
M10X8mm SHORT SPRING  
M12X8mm SHORT SPRING



M6X6mm LONG SPRING  
M8X6mm LONG SPRING  
M10X8mm LONG SPRING  
M12X8mm LONG SPRING  
M12X9.2mm LONG SPRING  
M16X10mm LONG SPRING

**CHANNEL NUT WITH PLASTIC**



M 8  
M10  
M 12

**CHANNEL NUT WITH BLUE CAP**



M 8x40  
M 8x60  
M 10x40  
M10x60

**CHANNEL NUT WITH BLUE CAP, ROD, NUT & WASHER**



QSN M8  
QSN M10

**QWICK NUT**

**FIXING & OTHER ACCESSORIES**



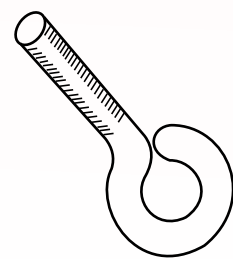
M 6  
M 8  
M10

**SHEAR NUT**



M 6  
M 8  
M10  
M 12

**CAST IRON BEAM CLAMPS**



**EYE BOLTS**



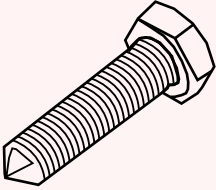
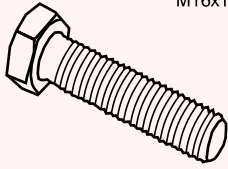
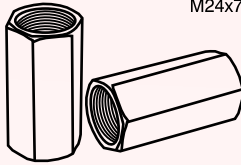
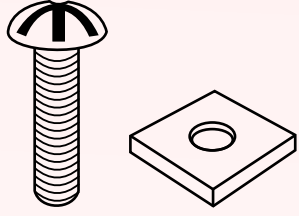
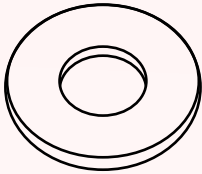
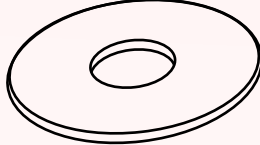
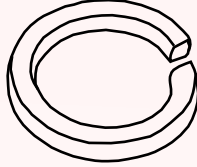
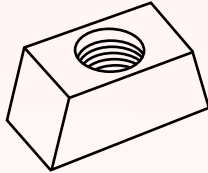
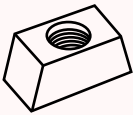
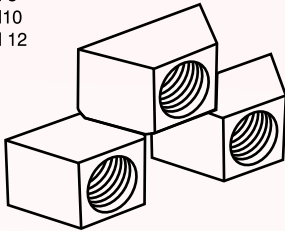

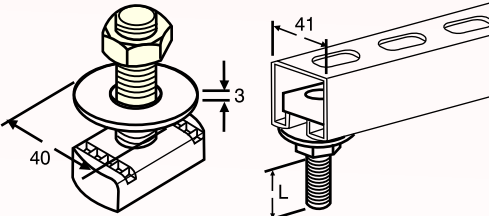



M 6  
M 8  
M10  
M 12  
M 16

**HEX NUTS**

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<p>M10x40MM</p>  <p><b>CONE POINTED SET SCREWS</b></p>	<p>M6x25MM to M16x150MM</p>  <p><b>HEXAGON HEAD SET SCREWS (FINISH BZP, HDG)(GRADE : 4.6, 4.8)</b></p>	<p>M8x24MM M10x30MM M12x36MM M16x48MM M20x60MM M24x72MM</p>  <p><b>ROD CONNECTOR</b></p>	<p>M6x12MM ONWARDS</p>  <p><b>ROOFING BOLT &amp; SQUARE NUT</b></p>
 <p><b>FLAT WASHER</b></p>	<p>M6x25MM M8x25MM M10x25MM</p>  <p><b>PENNY WASHER</b></p>	 <p><b>LOCK WASHER</b></p>	<p>M 6 M 8 M 10 M 12</p>  <p><b>WEDGE NUT</b></p>
<p>M 6 M 8 M 10 M 12</p>  <p><b>MINI WEDGE NUT</b></p>	<p>M 6 M 8 M 10 M 12</p>  <p><b>MIN MINI WEDGE NUT</b></p>	 <p><b>THREADED ROD (FINISH - BZP, HDG, 8.8)</b></p> <p>M 6 M 8 M 10 M 12</p> <p>M 16 M 20 M 24</p>	
<p>M6x30 M8x30 M8x40 M8x50 M8x60 M8x70 M8x75 M8x100 M10x30 M10x40 M10x50 M10x60 M10x70</p>  <p><b>HAMMER HEAD (T-BOLT)</b></p>	<p>M10x75 M10x80 M10x100 M10x120 M10x150 M12x30 M12x40 M12x50 M12x60 M12x70 M12x75 M12x80 M12x100</p>	 <p><b>END CAPS (BLACK &amp; WHITE)</b></p> <p>ECW 41 ECB 41 41 x 41</p> <p>ECW 21 ECB 21 41 x 21</p>	
<p>M8 x 25mm M8 x 30mm M8 x 40mm M8 x 50mm M8 x 60mm M8 x 70mm M8 x 80mm M8 x 90mm M8 x 100mm M10 x 25mm M10 x 30mm M10 x 40mm M10 x 50mm M10 x 60mm M10 x 70mm M10 x 80mm</p>  <p><b>STUDS</b></p>	<p>M10 x 90mm M10 x 100mm M10 x 125mm M10 x 150mm M10 x 200mm M10 x 250mm M10 x 300mm M12 x 40mm M12 x 50mm M12 x 60mm M12 x 70mm M12 x 80mm M12 x 90mm M12 x 100mm M12 x 120mm M12 x 150mm</p> <p><b>FINISH : BZP</b></p>	 <p><b>TRAY HANGERS OVER HEAD</b> OH 100 , OH 150, OH 225 , OH 300</p>	

NOTE : Please refer to drawings for the correctness of sizes. The above mentioned sizes are for reference only.



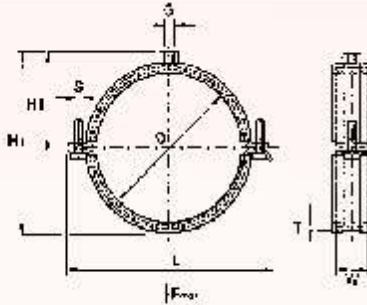
**SADDLE CLAMPS**

ITEM CODE	PIPE SIZE (IN INCHES)
PS 015	1/2
PS 020	3/4
PS 025	1
PS 032	1 ¼
PS 040	1 ½
PS 050	2
PS 065	2 ½
PS 080	3

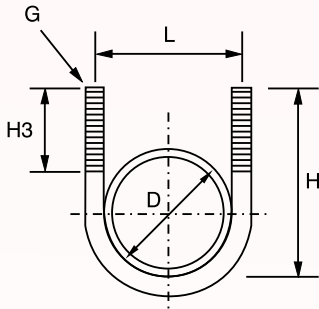
ITEM CODE	PIPE SIZE (IN INCHES)
PS 100	4
PS 125	5
PS 150	6
PS 175	7
PS 200	8
PS 225	9
PS 250	10
PS 300	12



**PIPE CLAMPS WITH RUBBER**



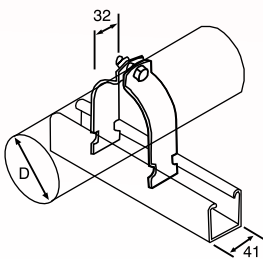
SIZES	
15-19mm	63-67mm
20-23mm	74-80mm
26-28mm	83-91mm
32-35mm	108-114mm
40-43mm	125-132mm
44-49mm	131-135mm
50-56mm	136-139mm



**U BOLT**

G	PIPE SIZE IN MM	PIPE SIZE IN INCHES	D (MM)	H3 (MM)	H (MM)	L (MM)
M6	15	1/2	21.3	20	37	29
M8	15	1/2	21.3	20	37	31
M6	20	3/4	26.9	25	48	34
M8	20	3/4	26.9	36	64	36
M6	25	1	33.7	32	60	48
M8	25	1	33.7	30	44	48
M10	25	1	33.7	30	52	46
M8	32	1-1/4	42.4	35	67	52
M10	32	1-1/4	42.4	35	67	54
M8	40	1-1/2	48.3	40	78	57
M10	40	1-1/2	48.3	40	78	59
M8	50	2	60.3	35	90	71
M10	50	2	60.3	40	90	73
M12	50	2	60.3	35	90	75
M10	65	2-1/2	76.1	40	103	89
M12	65	2-1/2	76.1	35	105	91
M10	80	3	88.9	50	115	100

G	PIPE SIZE IN MM	PIPE SIZE IN INCHES	D (MM)	H3 (MM)	H (MM)	L (MM)
M12	80	3	88.9	38	115	102
M10	100	4	114.3	50	146	124
M12	100	4	114.3	50	144	126
M16	100	4	114.3	38	140	130
M12	125	5	139.7	60	173	155
M16	125	5	139.7	38	170	160
M12	150	6	168.3	60	198	182
M16	150	6	168.3	38	191	186
M12	200	8	219.1	60	255	236
M16	200	8	219.1	38	255	240
M12	250	10	273	38	313	290
M16	250	10	273	38	313	294
M20	250	10	273	38	313	298
M12	300	12	323.9	38	364	341
M16	300	12	323.9	38	364	345
M20	200	12	323.9	38	364	349



**STRUT CLAMPS (FINISH : PG, BZP)**

SIZE IN MM	D (MM)
9.5	8.7-10.3
11	10.3-12.7
12.5	11.9-13.5
14	13.5-14.3
15	14.3-16.7
17	15.9-18.3
19	18.3-20.6
20	19.0-21.4
23	21.4-25.4
26.5	25.4-27.8

SIZE IN MM	D (MM)
28.5	27.0-30.2
32	30.2-33.8
34	31.8-35.9
37	34.9-39.7
41	39.7-42.9
44	42.9-46.8
48	46.8-50.8
50	48.4-52.4
54	52.4-58.7
61	58.7-63.5

SIZE IN MM	D (MM)
66	63.5-68.3
70	68.3-73.0
76	73.0-79.4
79	76.2-82.6
85	82.6-88.1
90	88.1-95.2
97	95.2-100.0
102	100.0-106.4
109	106.4-111.1
115	111.1-120.7

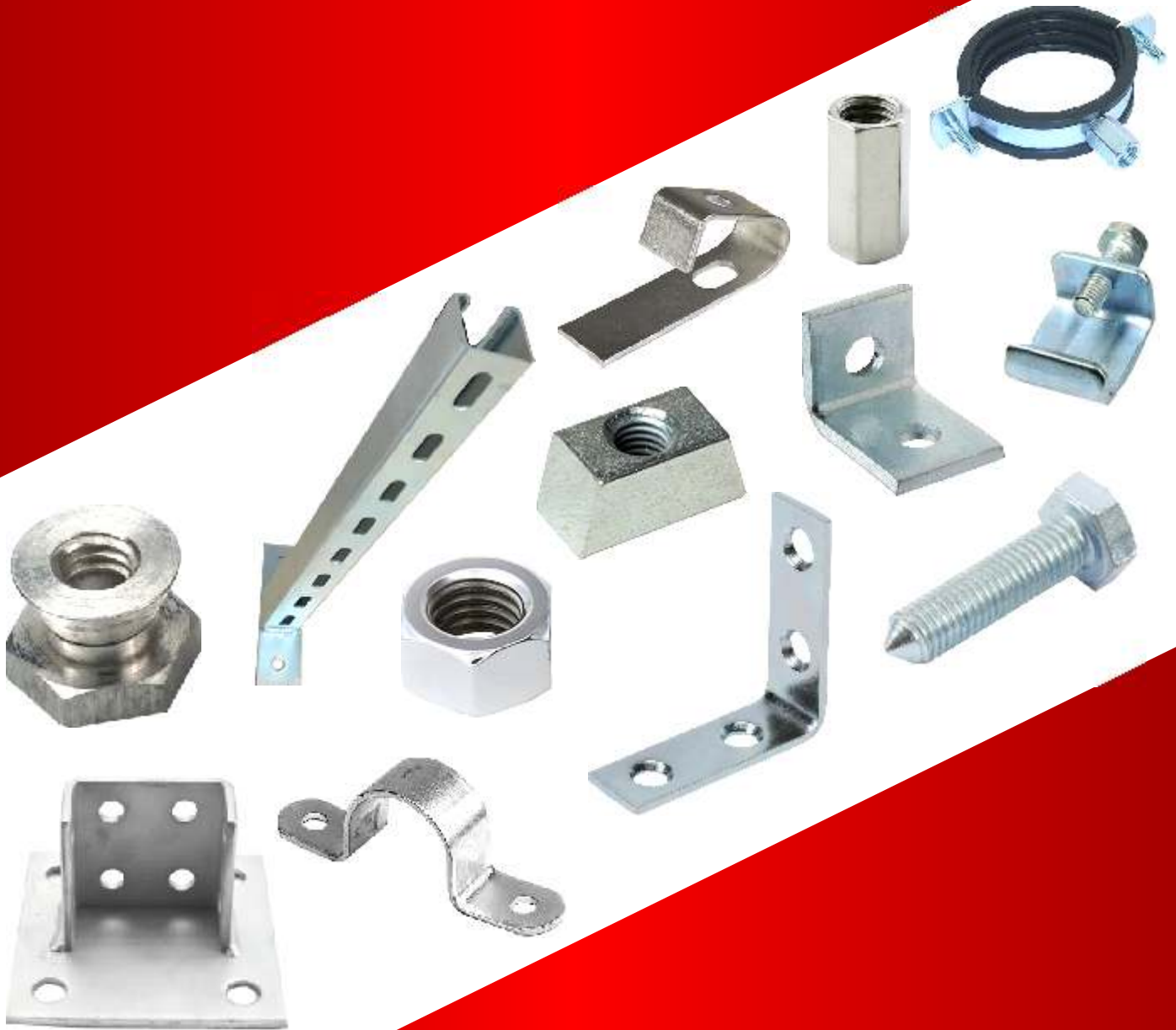
SIZE IN MM	D (MM)
126	120.7-129.4
133	129.4-138.1
142	138.1-149.2
155	149.2-161.9
168	161.9-174.6
178	174.6-182.6
186	182.6-190.5
195	190.5-203.2
206	203.2-212.7
218	212.7-225.4

SIZE IN MM	D (MM)
232	225.4-238.1
244	238.1-250.8
257	250.8-263.5
269	263.5-276.2
282	276.2-288.9
295	288.9-301.6
308	301.6-314.3
320	314.3-327.0

NOTE : Please refer to drawings for the correctness of sizes. The above mentioned sizes are for reference only.



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