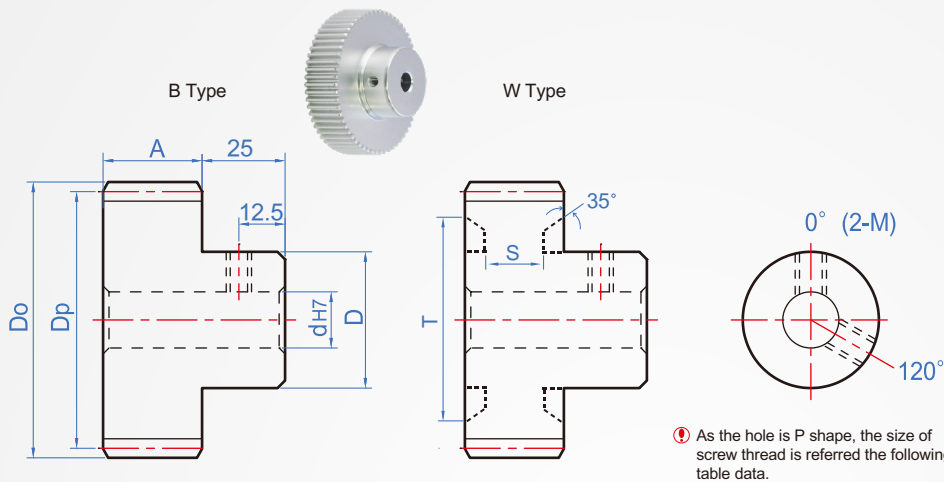


Pressure angle 20°

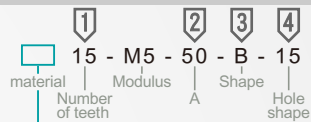
**M5** module

- GE** The standard gear (bar) does not have heat treatment, if heat treatment is required ~ can be specified (GH series).
- GH** The surface of the tooth part is treated with high frequency, the hardness is 43~45 degrees, and the strength and wear resistance will be better.
- GS** Ghana also provides SUS303 material, which has good rust resistance in high humidity environment.  
 ⚠ SUS have no finish, just provide material [GS].

	Material	Accuracy class	Teeth finish
<b>GE</b>	S45C Carbon steel	JIS 4 (DIN8e25)	Milling
<b>GH</b>	S45C + Heat Treatment		
<b>GS</b>	SUS303		



### How to order



Choose material & surface treatment

SUS303.....	<b>GS</b>
S45C.....	<b>GE</b>
S45C+heat treatment.....	<b>GH</b>
S45C+blackened.....	<b>TB</b>
S45C+Hard chrome plating.....	<b>TC</b>
S45C+electroless nickel.....	<b>TN</b>

⚠ As the hole is P shape, the size of screw thread is referred the following table data.

Number of teeth	Module	A	Shape	Hole shape	Mini. aperture d	D	Number of teeth	Dp	Do	W Type											
										T	S										
12	M5	44	B	<b>H Round hole</b>  <b>Round hole + tapping</b> <b>P (120°)</b> <b>PV (90°)</b>  <table border="1"> <thead> <tr> <th>Axis aperture</th> <th>Tapping</th> </tr> </thead> <tbody> <tr> <td>13~17</td> <td>M5</td> </tr> <tr> <td>18~30</td> <td>M6</td> </tr> <tr> <td>31~44</td> <td>M8</td> </tr> <tr> <td>45~65</td> <td>M10</td> </tr> </tbody> </table>	Axis aperture	Tapping	13~17	M5	18~30	M6	31~44	M8	45~65	M10	15~	46	12	60	70	-	-
Axis aperture					Tapping																
13~17					M5																
18~30					M6																
31~44					M8																
45~65					M10																
13					50	13	65	75													
14					52	14	70	80													
15					60	15	75	85													
16					65	16	80	90													
17					68	17	85	95													
18					70	18	90	100													
19					76	19	95	105													
20					82	20	100	110													
21					90	21	105	115													
22					95	22	110	120													
23					100	23	115	125													
24					105	24	120	130													
25					110	25	125	135													
26					110	26	130	140													
27					110	27	135	145													
28					110	28	140	150													
29					115	29	145	155													
30					120	30	150	160													
32					120	32	160	170													
34					120	34	170	180													
35					120	35	175	185													
36					120	36	180	190													
38					120	38	190	200													
40					120	40	200	210													
42					120	42	210	220													
44					120	44	220	230													
45					120	45	225	235													
46					120	46	230	240													
48					120	48	240	250													
50					120	50	250	260													
52					120	52	260	270													
54					120	54	270	280													
55					120	55	275	285													
56					120	56	280	290													
58					120	58	290	300													
60					120	60	300	310													
											130	52	260	270		208					
											54	270	280	216							
											55	275	285	220							
											56	280	290	224							
											58	290	300	232							
											60	300	310	240							

S=Tooth width A x 0.6

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