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INVOLUTE SPLINES AND SERRATIONS 30° PA

TO GET	HAVING	RULE	FORMULA
Diametral pitch	Outer diameter and number of teeth	Divide number of teeth plus 1 by the outer diameter	Pd = N + 1 / Do
Pitch diameter	Outer diameter and number of teeth	Divide the product of outer diameter and number of teeth by number of teeth plus 1	D = N * Do / N + 1
Outer diameter	Diametral pitch and number of teeth	Divide the number of teeth plus 1 by the quotient of number of teeth divided by pitch diameter	Do = N + 1 / (N/D)
Diametral pitch	Internal diameter and number of teeth	Divide number of teeth minus 1 by the internal diameter	Pd = N - 1 / D
Internal diameter	Diametral pitch and number	Divide number of teeth minus 1 by	Di = N - 1 / Pd

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