



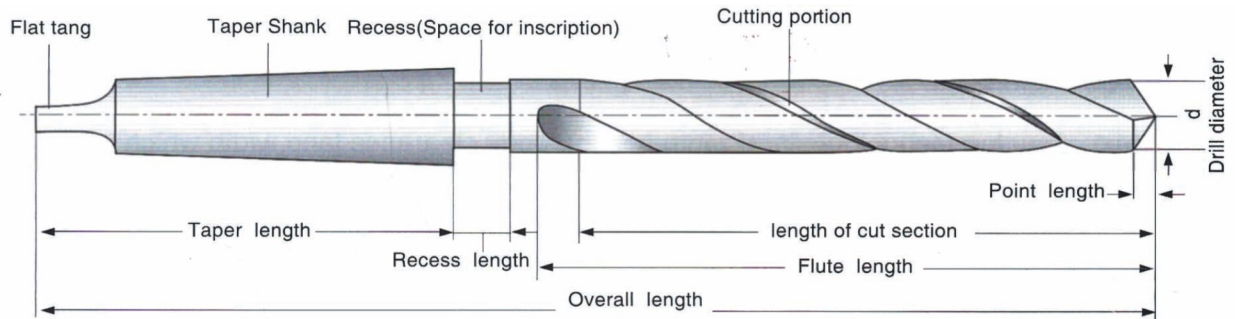
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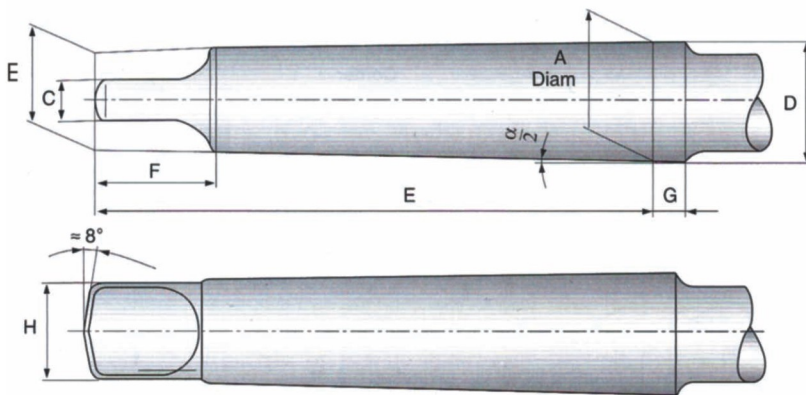
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MAX Taper Shunk Drill Bits



General Dimensions of Morse Taper Shanks



• Tapering of diameter

The diameter of twist drills usually reduces from the drill tip towards the shank in the area of the flutes.

- Test values: The taper on diameter amounts to 0.02 to 0.08mm over a length of 100mm.
- Test point: At the outside diameter on the land.
- Testing equipment: micrometer and indicating measuring instruments.



ASME B.94 11M

DIN 345

DIN 345 SIZES 12mm to 100mm

ASME B.94 11M 12mm to 45mm

Morse Taper Shank	A mm	B mm	C(h13) mm	D mm	E mm	F(max.) mm	G mm	H(max.) mm	$\alpha/2$
No.1	12.065	9	5.2	12.2	62	13.5	3.5	8.7	1°25'43"
No.2	17.780	14	6.3	18.0	75	16	5	13.5	1°25'50"
No.3	23.825	19.1	7.9	24.1	94	20	5	18.5	1°26'16"
No.4	31.267	25.2	11.9	31.6	117.5	24	6.5	24.5	1°29'15"
No.5	44.399	36.5	15.9	44.7	149.5	29	6.5	35.7	1°30'26"
No.6	63.348	52.4	19	63.8	210	40	8	51	1°29'36"