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Cleveland

Tap and Die Set: 45 Pieces, 1/4 inch-20 Min. Tap Thread Size, 1 inch -14 Max. Tap Thread Size

Brand: Cleveland
SKU: C00613
Warranty:

Specifications

Number of Pieces	45
Number Of Taps	10
Number of Dies in Set	10
Tap Type	Hand Tap
Thread Standard	UNC, UNF, UNS
Thread Limit	H3, H4
Thread Sizes Included	1"-14 NS, 1"-8 NC, 1/2"-13 NC, 1/2"-20 NF, 1/4"-20 NC, 1/4"-28 NF, 3/4"-10 NC, 3/4"-16 NF, 3/8"-16 NC, 3/8"-24 NF, 5/16"-18 NC, 5/16"-24 NF, 5/8"-11 NC, 5/8"-18 NF, 7/16"-14 NC, 7/16"-20 NF, 7/8"-14 NF, 7/8"-9 NC, 9/16"-12 NC, 9/16"-18 NF
Threads per Inch	10, 11, 12, 13, 14, 18, 20, 24, 28, 8, 9
Tap Shank Standard	Table 302
Tap Finish	Bright (Uncoated)
Tap Shank Dia.	Table 302
Tap Overall Length	Table 302
Class of Fit	2B
Coolant Fed	Non-Coolant Through
Extended Neck	No
Extended Shank	No
Extension Tap	No
Helix Angle	0 Degrees

Number of Flutes	4
Die Material	High Speed Steel
Die Finish	Bright (Uncoated)
Die Shape	Round
Die Type	2-Piece
Die Thread Sizes Included	1"-14 NS, 1"-8 NC, 1/2"-13 NC, 1/2"-20 NF, 1/4"-20 NC, 1/4"-28 NF, 3/4"-10 NC, 3/4"-16 NF, 3/8"-16 NC, 3/8"-24 NF, 5/16"-18 NC, 5/16"-24 NF, 5/8"-11 NC, 5/8"-18 NF, 7/16"-14 NC, 7/16"-20 NF, 7/8"-14 NF, 7/8"-9 NC, 9/16"-12 NC, 9/16"-18 NF
Die Series	0550
Case Type	Metal
Features	Self Alignment
Primary Material Application	All Materials
Primary Material Application ISO Code	H, K, M, N, P, S
Secondary Material Application	Stainless Steel
Secondary Material Application ISO Code	M
55% Thread Drill Size	#3, 1/2 in, 10.20mm, 11.30mm, 11.80mm, 11/32 in, 13.25mm, 17.20mm, 17.90mm, 20.90mm, 29/32 in, 5.70mm, 51/64 in, 8.40mm, 9/32 in, I, W
65% Thread Drill Size	#5, 10.00mm, 11.00mm, 11.60mm, 12.50mm, 13/16 in, 16.90mm, 17.70mm, 17/64 in, 25/32 in, 33/64 in, 57/64 in, 7/32 in, J, P, R, V
75% Thread Drill Size	#7, 11.40mm, 12.20mm, 12.90mm, 16.50mm, 17.50mm, 19.50mm, 20.40mm, 22.25mm, 27/64 in, 5.45mm, 5/16 in, 8.50mm, 9.95mm, F, I, U
Die Material Grade	Carbon Steel
Dimensions Standard	Fractional Inch
Finish - Machining	Bright (Uncoated)
Material - Machining	High Speed Steel
Max. Die Thread Size	1"-14
Max. Tap Thread Size	1"-14
Measurement System	Fractional Inch
Min. Bore Dia.	1/4 in -20 NC
Min. Tap Thread Size	1/4"-20
Powdered Metal Base Material	No
Spiral Direction	Neutral
Tap Material Grade	M2
Tap Sizes Included	1 in -14 NS, 1 in -8 NC, 1/2 in -13 NC, 1/2 in -20 NF, 1/4 in -20 NC, 1/4 in -28 NF, 3/4 in -10 NC, 3/4 in -16 NF, 3/8 in -16 NC, 3/8 in -24 NF, 5/16 in -18 NC, 5/16 in -24 NF, 5/8 in -11 NC, 5/8 in -18 NF, 7/16 in -14 NC, 7/16 in -20 NF, 7/8 in -14 NF, 7/8 in -9 NC, 9/16 in -12 NC, 9/16 in -18 NF
Standards	ANSI
Tap Chamfer	Plug

Tap Material	High Speed Steel
Tap Wrench Number	#5, #7
Thread Direction	Right Hand
Thread Type	UNC, UNF, UNS
Weight	20.1 KG
Weight	20.1 KG