

3

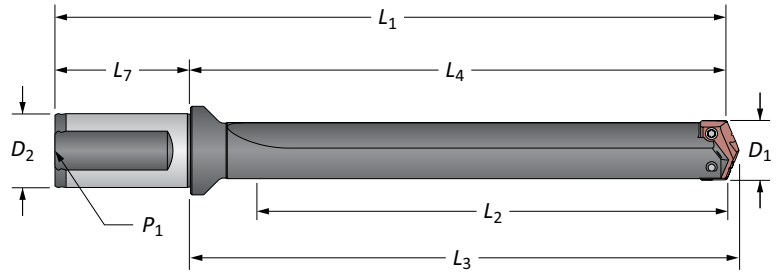
 DRILLING | T-A® Replaceable Insert Drilling System

T-A® Drill Insert Holders

3 Series | Flanged Shank

A

DRILLING

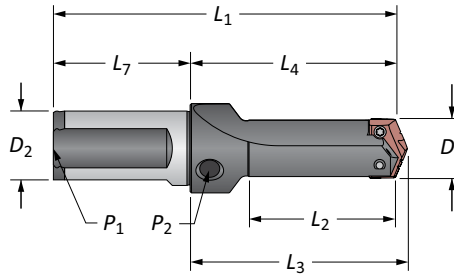



B

BORING



Stub Length



C

REAMING

Straight Flute

	Length	D ₁	Body				Shank			Part No.
			L ₂	L ₄	L ₃	L ₁	D ₂	L ₇	P ₁	
m	Stub	36.0 - 47.0	76.2	125.0	129.8	195.0	40.0	70.0	1/4*	21030S-40FM
	Short	36.0 - 47.0	120.7	173.0	177.8	243.0	40.0	70.0	1/4*	22030S-40FM
	Extended	36.0 - 47.0	349.3	401.6	406.4	471.6	40.0	70.0	1/4*	25030S-40FM
	XL	36.0 - 47.0	558.8	611.1	615.9	681.1	40.0	70.0	1/4*	27030S-40FM
	3XL	36.0 - 47.0	787.4	839.7	844.5	909.7	40.0	70.0	1/4*	29030S-40FM
i	Stub	1-13/32 - 1-7/8	3	4-59/64	5-7/64	7-39/64	1-1/2	2-11/16	1/4	21030S-150F
	Short	1-13/32 - 1-7/8	4-3/4	6-13/16	7	9-1/2	1-1/2	2-11/16	1/4	22030S-150F
	Intermediate	1-13/32 - 1-7/8	6-1/2	8-9/16	8-3/4	11-1/4	1-1/2	2-11/16	1/4	23030S-150F
	Standard	1-13/32 - 1-7/8	8-1/4	10-5/16	10-1/2	13	1-1/2	2-11/16	1/4	24030S-150F

*Metric thread to BSP and ISO 7-1

NOTE: Stub length holders have a 1/4" side pipe tap (P₂)

D

BURNISHING

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
7514-IP20-1	7514N-IP20-1	8IP-20	8IP-20TL	8IP-20B	1370 N-cm (121.3 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

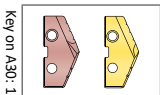
E

THREADING

X

SPECIALS

A30: 74 - 81



m = Metric (mm)

i = Imperial (in)

Screws sold in quantities of 10

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A30: 148 for deep hole drilling guidelines in this section of the catalog. Visit www.alliedmachine.com for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.

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