

# PJ TOOLING

Hydraulic Manifold & SAE Port Tooling.  
Design and Manufacture of bespoke Milling, Drilling and Reaming solutions.



## PJ Tooling Stocklist

### J1926-1 IMPERIAL UNF SAE Form Tools (For Allied Accuport TA variants please e-mail or phone to check stock)

TUBE SIZE	REF / THREAD	DESCRIPTION & SHANK	STOCK
SAE J-1926-1 / 2	SAE 2 (5/16" X 24 UNF)	HSS 16mm SHANK	3
SAE J-1926-1 / 2	SAE 2 (5/16" X 24 UNF)	HSS MORSE 1 SHANK	1
SAE J 1926-1 / 4 (BXP15200-4)	SAE 4 (7/16" X 20 UNF)	S.CARBIDE 12mm SHANK S/F 15.6mm	1
SAE J 1926-1 / 6	SAE 6 (9/16" X 18 UNF)	HSS 20mm SHANK	2
SAE J 1926-1 / 8	SAE 8 (3/4" X 16 UNF)	HSS 25mm SHANK	2
SAE J 1926-1 / 8 (BXP15200-8)	SAE 8 (3/4" X 16 UNF)	HSS MORSE 3 SHANK	3
SAE J 1926-1 / 10	SAE 10 (7/8" X 14 UNF)	HSS 25mm WELDON SHANK	2
SAE J-1926-1 / 10 (Sun TF)	SAE 10 (7/8" X 14 UNF)	HSS 25mm SHANK COATED (VTic)	1
SAE J-1926-1 / 14	SAE 14 (1.3/16" X 12 UNF)	HSS 32mm SHANK	1
SAE J-1926-1 / 32	SAE 32 (2.1/2" X 12 UNF)	HSS 32mm SHANK	2
Allied ACCUPORT 432 TA Tooling	SAE 4 - 32 Imperial UNF	Most variants EX-STOCK UK	ENQUIRE

### ISO 6149-1 METRIC SAE Form Tools (For Allied Accuport TA variants please e-mail or phone to check stock)

TUBE SIZE	REF / THREAD	DESCRIPTION & SHANK	STOCK
ISO 6149-1 / 4	4 - M12 X 1.5	C'BORE ONLY HSS 20mm SHANK	1
ISO 6149-1 / 8	8 - M18 x 1.5	TCT CARBIDE 20mm SHANK	1
Allied ACCUPORT 432 TA Tooling	ISO - 4 (M12) to 32 (M60)	Most Variants EX STOCK UK	ENQUIRE

## HYDRAFORCE Roughing Tools - Drills (WITH Spotface / Counterbore)

CAVITY	REF:	DESCRIPTION & SHANK	STOCK
VC08-2	VC08-2R PJT 3HEL	HSS / 25mm SHANK / 3 FL. CORE DRILL	1
VC08-3	VC08-3R PJT 3AX TCT	TCT CARBIDE / 25mm SHANK / 3 FL. CORE DRILL	1
VC08-3	VC08-3R PJT 3HEL	HSS / 25mm SHANK / 3 FL. CORE DRILL	1
VC08-3	VC08-3R PJT 3HEL SC	25mm SOLID CARBIDE + CrN Coat	1
VC08-4	VC08-4R PJT 3HEL	HSS / 25mm SHANK / 3 FL. CORE DRILL	1
VC10-2	VC10-2R PJT 3AX TCT	TCT CARBIDE / 25mm SHANK / 3 FL. CORE DRILL	1
VC10-5	VC10-5R PJT 3HEL	HSS / 25mm SHANK / 3 FL. CORE DRILL	1
VC10-5	VC10-5PJTC	CARBIDE 2 FL. FORM DRILL 20mm SHANK	2
VC12-6	VC12-6R PJT 3 HEL	HSS / 32mm SHANK / 3 FL. CORE DRILL	1

## HYDRAFORCE OEM Roughing Tools - Step Drill 2 Flute (WITHOUT Spotface / Counterbore)

CAVITY	REF	DESCRIPTION & SHANK	STOCK
VC10-3	CT10-3RO-H-G (7511110)	HSS STEP DRILL 2 FLUTE	2
VC10-4	CT10-4RO-H-G (7511310)	HSS STEP DRILL 2 FLUTE	1
VC12-2	CT12-2RO-H-G (7521010)	HSS STEP DRILL 2 FLUTE	2

## HYDRAFORCE Finishing Tools / Form reamers

CAVITY	REF	DESCRIPTION & SHANK	STOCK
VC08-2	VC08-2PJT	HSS / 4 FLUTE HEL / 25mm SHANK	3
VC08-3	CT08-3FO-H-G (7500110)	HSS 3 ST.FLUTE / IMP SHANK 3/4" (19.05mm)	1
VC08-3	VC08-3PJTC	CARBIDE 3 FLUTE 20mm SHANK	3
VC08-4		HSS / 25mm SHANK / FORM REAMER	0
VC08-4	VC08-4PJTC	CARBIDE 3 FLUTE / 20mm SHANK	3
VC10-2	CT10-2FO-H-G (7510010)	HSS 3 ST.FLUTE / IMP SHANK 3/4" (19.05mm)	1
VC10-3	VC10-3PJTC	TCT CAR 3 ST.FLUTE / 20mm SHANK	1
VC10-3	CT10-3FO-H-G (7510110)	HSS 3 ST.FLUTE / IMP SHANK 3/4" (19.05mm)	2
VC10-4	VC10-4PJTC	CARBIDE 3 FLUTE / 20mm SHANK	3
HVC10-4	HCT10-4FO H-G (7540825)	HSS 3 ST.FLUTE / IMP. SHANK 3/4" (19.05mm)	1
VC10-S3	VC10-S3PJT	HSS 4 FL. 25mm SHANK + VtiC Coat	1
VC12-2	CT12-2FO-T-G (7520015)	TCT CAR 3 ST.FLUTE / SHANK 3/4" (19.05mm)	1
VC12-2	CT12-2FO-H-G (7520010)	HSS 3 ST.FLUTE / IMP SHANK 3/4" (19.05mm)	3
VC12-S3	VC12-S3PJT	HSS 4 FL. 20 mm SHANK + TiN Coat	1
VC16-2	CT16-2FO-H-G (7530010)	HSS 3 ST.FLUTE / IMP. SHANK 3/4" (19.05mm)	2

## SUN HYDRAULICS Cavity Form Drills

CAVITY	REF	DESCRIPTION & SHANK	STOCK
T9A	994009001 TD9A	HSS / No 3 MORSE / FORM DRILL 2 FL	6
T10A	994010001 TD10A	HSS / No 3 MORSE / FORM DRILL 2 FL	5
T11A	994011001 TD11A	HSS / No 3 MORSE / FORM DRILL 2 FL	5
T11A	994011001 TD11A EXT NOSE	HSS 1" (25.4mm) FORM DRILL 2 FL	1
T11A	TD11A TCT CARBIDE	CARBIDE TCT 3 FLUTE Core Drill For IRON / MTS 3 SHANK	1
T11A	TD11A TCT CARBIDE	CARBIDE TCT 3 FLUTE Core Drill For IRON / 25mm + Flat	2
T13A	994013001	HSS / No 3 MORSE / FORM DRILL 2 FL	2
T18A	994018001	HSS / No 3 MORSE / FORM DRILL 2 FL	2
T19A	994019001	HSS / No 3 MORSE / FORM DRILL 2 FL	1
T22A	994022001	HSS / No 3 MORSE / FORM DRILL 2 FL	4
T22A	TD22A TCT CARBIDE	CARBIDE TCT 2 FLUTE FORM DRILL 32mm SHANK	1
T23A	994023001	HSS / No 3 MORSE / FORM DRILL 2 FL	3
T32A	994032001	HSS / No 3 MORSE / FORM DRILL 2 FL	3
T33A	994033001	HSS / No 3 MORSE / FORM DRILL 2 FL	5
T33A	TD33A TCT CARBIDE	CARBIDE TCT 2 FLUTE FORM DRILL MTS 3 SHANK	1
T34A	994034001	HSS / No 3 MORSE / FORM DRILL 2 FL	6
T52A	994052001	HSS / No 3 MORSE / FORM DRILL 2FL	1
T62A	994062001	HSS / No 3 MORSE / FORM DRILL 2 FL	7
T63A	994063001	HSS / No 3 MORSE / FORM DRILL 2 FL	4
T162A	TD162 A CARBIDE	CARBIDE 2 FLUTE FORM DRILL 25mm SHANK	1
T163A	994163001	HSS / No 3 MORSE / FORM DRILL 2 FL	1
T162ADP	994162011	HSS / No 3 MORSE / FORM DRILL 2 FL	2

## SUN HYDRAULICS Cavity Form Reamers

CAVITY	REF	DESCRIPTION & SHANK	STOCK
T2A	TR2A CARBIDE	CARBIDE TCT 4 AXIAL FLUTE 32mm	1
T5A	995005001	HSS 6 FLUTE REAMER MTS 3	1
T8A	TR8A CARBIDE	SOLID CARBIDE 4 FLUTE HEL. 25mm SHANK	1
T9A	995009001	HSS 6 FLUTE REAMER MTS 3	3
T9A	TR9A CARBIDE	SOLID CARBIDE 4 FLUTE HEL. 25mm SHANK	1
T10A	TR10A CARBIDE DM	SOLID CARBIDE D/MARGIN FOR IRON 20mm SHANK	1
T11A	TR11A CARBIDE DM	SOLID CARBIDE D/MARGIN FOR IRON 20mm SHANK	3
T11A	995011001	HSS 6 FLUTE REAMER MTS 3	7
T11A	995011001	HSS / 25mm SHANK / FORM REAMER	7
T11A	TR11A 4 FL	HSS / 25mm SHANK / FORM REAMER 4 FLUTE	1
T13A	995013001	HSS 6 FLUTE REAMER MTS 3	2
T17A	995017001	HSS 6 FLUTE REAMER MTS 3	1
T21A	995021001	HSS 6 FLUTE REAMER MTS 3	2
T21A	995021001	HSS / 25mm SHANK / FORM REAMER	2
T32A	995032001	HSS 6 FLUTE REAMER MTS 3	1
T33A	995033001	HSS / 32mm WELDON SHANK / FORM REAMER	1
T34A	995034001	HSS 6 FLUTE REAMER MTS 3	9
T62A	995062001	HSS 6 FLUTE REAMER MTS 3	6
T63A	995063001	HSS 6 FLUTE REAMER MTS 3	1
T162A	995162001	HSS 6 FLUTE REAMER MTS 3	1
T162ADP	995162011	HSS 6 FLUTE REAMER MTS 3	2

## PARKER HANNIFIN / STERLING Form Drills.

CAVITY	REF	DESCRIPTION & SHANK	STOCK
CAVITY 3M	8DS31311	HSS / 31.75mm SHANK / FORM DRILL	1
CAVITY 78-1	8DS31342	HSS / 25.4mm SHANK / FORM DRILL	1
CAVITY 2X	8DS31344	HSS / 19.05mm SHANK / FORM DRILL	1
CAVITY 5A	8DS31353	HSS / 25.4mm SHANK / FORM DRILL	1
CAVITY 04-3	8DS31359	HSS / 19.05mm SHANK / FORM DRILL	1
CAVITY 06-S3	8DS31361	HSS / 25.4mm SHANK / FORM DRILL	1
CAVITY 06-3	8DS31362	HSS / 25.4mm SHANK / FORM DRILL	1
CAVITY 06-4	8DS31363	HSS / 31.75mm SHANK / FORM DRILL	1
CAV02-4	CORE DRILL	CD10-HSS-P25-F3-HEL-RH-GP-CF	2

## PARKER HANNIFIN / STERLING Form Reamers

CAVITY	REF	DESCRIPTION & SHANK	STOCK
CAVITY 78-1	8RM31042S	HSS / 25.4mm SHANK / FORM REAMER	1
CAVITY 04-S3	8RM31068S	TCT / 25mm SHANK / FORM REAMER	1
CAVITY 06-S3	8RM31071S	TCT / 31.75mm SHANK / FORM REAMER	1
CAVITY 06-3	8RM31072S	TCT / 32mm SHANK / FORM REAMER	1
CAV02-4	FORM REAMER	FR-HSS-P25-F6-HEL-RH-GP	1

## INTEGRATED / EATON Form Drills.

CAVITY	REF	DESCRIPTION & SHANK	STOCK
CVA-20-01-0	AXP8961	HSS / NO.3 MORSE / FORM DRILL	6
AXP893	AXP894	HSS / NO.3 MORSE / FORM DRILL	3
AXP968	AXP975	HSS / NO.3 MORSE / FORM DRILL	9
AXP5572	AXP5577	HSS / NO:2 MORSE / FORM DRILL	6
AXP6610	AT447	HSS / NO.3 MORSE / FORM DRILL	8
AXP7931	AXP3315	HSS / NO.3 MORSE / FORM DRILL	8
AXP12336	AXP12337	HSS / NO.3 MORSE / FORM DRILL	0
AXP8531	AXP8966	HSS / NO.3 MORSE / FORM DRILL	22
AXP12744	AXP12804	HSS / NO.3 MORSE / FORM DRILL	20
AXP18333	AXP3538	HSS / NO:2 MORSE / FORM DRILL	9

## INTEGRATED / EATON Form Reamers

CAVITY	REF	DESCRIPTION & SHANK	STOCK
CVA-20-01-0	AXP8962	HSS / NO.3 MORSE / FORM REAMER	1
AXP968	AXP974	HSS / NO.3 MORSE / FORM REAMER	12
AXP3379	AXP3974	HSS / NO.3 MORSE / FORM REAMER	1
AXP5302	AT2013	HSS / 20mm SHANK / FORM REAMER	1
AXP5572	AXP5578	HSS / NO.3 MORSE / FORM REAMER	5
AXP6610	AT448	TCT/ NO:3 MORSE / FORM REAMER	4
AXP6610	AT448	HSS / 25mm SHANK / FORM REAMER	6
AXP12744	AXP12805	HSS / NO.3 MORSE / FORM REAMER	20
	AXP12338	HSS / NO.3 MORSE / FORM REAMER	2

## COMATROL FORM DRILLS - 2 Flute HSS

CAVITY	REF	Description	Stock
CP20-3S	CP20-3S	32mm SHANK + Flat COATED TiALN	1