



S40A					(N40A)
NP50A					(N50A, P50A)
NP80A					(N80A, S80A)
N100A					

Colour shows compatibility with various machines.

40A-100A (Except R50A / NR50A)

Die Head Table

Thread Type	Die Head Type	Capacity	Code No.	Plate	Width
BSPT	Manual	1/4" - 3/8"	290000 *1	B238	23 mm
		1/2" - 1 1/2"	290820 *2	L290	27 mm
			295633 *3	G891	27 mm
		1/2" - 2"	295649 **32	2904	27 mm
			295643 *5	L291	27 mm
		295652 *6	G892	27 mm	
	1" - 2"	290020	L292	27 mm	
	2 1/2" - 3"	290030 **38	L293	27 mm	
		295660 *4	L181	27 mm	
	Uni-Auto	1/2" - 1 1/2"	292820	G830	27 mm
		1/2" - 2"	292810 *31	N731	27 mm
	NV-Auto	1/2" - 2"	292814 *40	NR56	27 mm
	Self-Open	1/2" - 3/4"	292850 *20	7747	27 mm
		1" - 1 1/2"	29A870	G831	27 mm
		1" - 2"	292020 *21	L189	38 mm
		2 1/2" - 3"	292030 **33	7744	38 mm
Self-Profiling	2 1/2" - 3"	29A901	7744	27 mm SP	
Profiling	2 1/2" - 4"	293040 **34	J079	20 mm	
NPT	Manual	1/4" - 3/8"	290000 *1	B238	23 mm
		1/4" - 1 1/2"	295630	9203	27 mm
		1/4" - 2"	295655	N740	27 mm
		1/2" - 1 1/2"	295633 *3	G891	27 mm
			295652 *6	G892	27 mm
		295643 *5	L291	27 mm	
	2 1/2" - 3"	295660 *4	L181	27 mm	
	Uni-Auto	1/2" - 2"	292812 **36	N731	27 mm
		292810 *31	N731	27 mm	
	NV-Auto	1/2" - 2"	292816 **41	NR56	27 mm
	Self-Open	1/2" - 3/4"	292850 *20	7747	27 mm
		1" - 2"	292020 *21	L189	38 mm
Profiling	2 1/2" - 4"	293050 **37	J102	20 mm	
NPSM	Manual	1/2" - 2"	295656 -	L182	27 mm
BSW	Manual	W5/16" - 7/8"	290000 *1	B238	23 mm
		W1" - 1 1/4"	290820 *2	L290	27 mm
			295643 *5	L291	27 mm
UNC	Manual	5/16" - 1 1/2"	29562U	G841	27 mm
		5/16" - 2"	29001B	9204	27 mm
Metric	Manual	M8 - 45	29082A	G842	27 mm
		M8 - 52	29002A	2903	27 mm
		M20 - 32 P1.5	29003A	L281	27 mm
BSPP	Manual	G1/2" - 2"	295652 *6	G892	27 mm
		G2 1/2" - 3"	295660 *4	L181	27 mm
Uni-Auto	Manual	G1/2" - 2"	292810 *31	N731	27 mm
		PF16 - 42	290823 *10	G843	27 mm
PF	Manual	PF16 - 54	290023 *11	G848	27 mm
		PF70 - 82	290033 *12	3330	27 mm
		PF92 - 104	293041(discontinued)	J605	38 mm
		C15 - 39	290823 *10	G843	27 mm
Conduit	Manual	C15 - 51	290023 *11	G848	27 mm
		C63 - 75	290033 *12	3330	27 mm
		3/4" - 2"	292026	L187	20 mm
Grooving/ Bevelling	Handle	2 1/2" - 3"	292036	7744	20 mm
		2 1/2" - 4"	293047	J088/J086	20 mm

Note: Where the number is the same, * indicates it can be used for different types of thread.

Die Heads

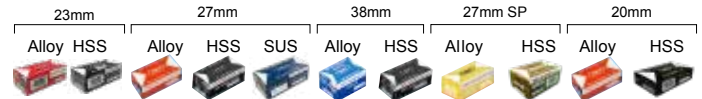
**32: Standard Equipment with NP50A, NP80A BSPT version
 *31: Standard Equipment with NP50AV, NP80AV, NP80AVIII, N100A BSPT version
 **38: Standard Equipment with NP80A, NP80AV BSPT version
 **33: Standard Equipment with NP80AVIII BSPT version
 **34: Standard Equipment with N100A BSPT version
 *6: Standard Equipment with NP80A NPT version

**36: Standard Equipment with NP80AV, N100A NPT version
 *4: Standard Equipment with NP80AV NPT version
 **37: Standard Equipment with N100A NPT version
 **40: Standard Equipment with NP50AV BSPT version
 **41: Standard Equipment with NP50AV NPT version

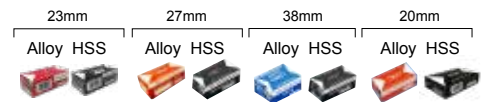


Dies Table

ISO 7-1 (JIS B 0203) <R> British Standard Pipe thread: Tapered



BSPT	Tpi	Angle	Width	Alloy	HSS	"SUS"	Die Head								
¼" - ⅜"	19	55	23 mm	160003	166003	-	290000								
½" - ¾"	14	55	27 mm	161907 *1	166007	166351	290820	295633	292820	292850	295643	295649	295652	292810	292814
1" - 1½"	11	55	27 mm	161910	166010	166352	290820	295633	292820	29A870	295643	290020			
1½" - 2"	11	55	27 mm	161930	166030	166353	295643	290020							
1" - 2"	11	55	27 mm	16K030 *1	16K230	166357	295649	295652	292810	292814					
1" - 2"	11	55	38 mm	16B430	16E030	-	292020								
2½" - 3"	11	55	27 mm	161950 *2	166050	166354	290030	295660							
2½" - 3"	11	55	38 mm	16B450 *3	16E050	-	292030								
2½" - 3"	11	55	27 mm SP	16A501	16A511	-	29A901								
2½" - 4"	11	55	20 mm	162460 *4	16C060	-	293040								



ANSI / ASME B 1.20.1 (American) National Pipe thread: Tapered

NPT	Tpi	Angle	Width	Alloy	HSS	Die Head								
¼" - ⅜"	18	60	23 mm	160303	166303	290000								
¼" - ⅜"	18	60	27 mm	161303	-	295630	295655							
½" - ¾"	14	60	27 mm	161307 *5	166307	295630	295633	292850	295655	295652	295643	292812	292810	292816
1" - 1½"	11.5	60	27 mm	161310	166310	295630	295633	29A870	295643					
1½" - 2"	11.5	60	27 mm	161330	166330	295643								
1" - 2"	11.5	60	27 mm	16K330 *5	16K430	295655	295652	295810	292812	292814				
1" - 2"	11.5	60	38 mm	16B030	16E330	292020								
2½" - 3"	8	60	27 mm	161350 *6	166350	295660								
2½" - 4"	8	60	20 mm	162360 *7	16C360	293050								

Dies

*1: Standard Equipment with NP50A series, NP80A series, N100A BSPT version

*2: Standard Equipment with NP80A, NP80AV BSPT version

*3: Standard Equipment with NP80AV III BSPT version

*4: Standard Equipment with N100A BSPT version

*5: Standard Equipment with NP50A series, NP80A series, N100A NPT version

*6: Standard Equipment with NP80A, NP80AV NPT version

*7: Standard Equipment with N100A NPT version



Grooving	Gv.W.	Angle	Width	Alloy	Die Head
¾"	8	90	20 mm	16G607	292026
1" - 2"	8	90	20 mm	16G630	292026
2½" - 3"	8	90	20 mm	16G650	292036
2½" - 3½"	9.5	90	20 mm	162650	293047
4"	9.5	90	20 mm	162660	293047



Bevelling	Angle	Width	Alloy	Die Head	
¾"	-	30	20 mm	16H707	292026
¾"	-	37.5	20 mm	16H807	292026
1" - 2"	-	30	20 mm	16H730	292026
1" - 2"	-	37.5	20 mm	16H830	292026
2½" - 3"	-	30	20 mm	16H750	292036
2½" - 3"	-	37.5	20 mm	16H850	292036
2½" - 4"	-	30	20 mm	162760	293047
2½" - 4"	-	37.5	20 mm	162860	293047
2½" - 4"	-	45	20 mm	162862*	293047

* discontinued