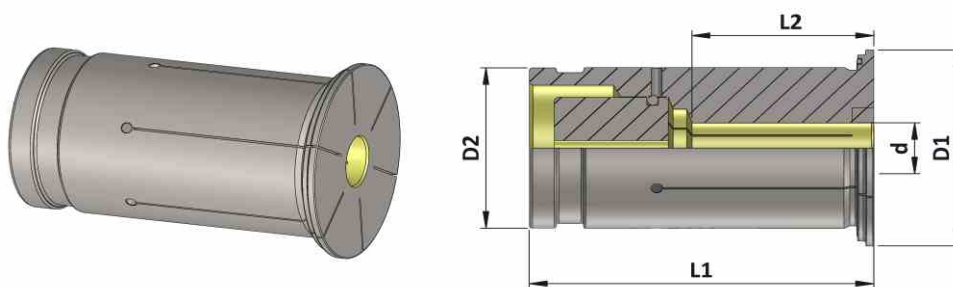

Collet DMC
(Concentricity within 0.005 mm)

Item Name	Item Code	d	D1	L
COLLET DMC06 02	K10108199301127	2	9.6	36
COLLET DMC06 03	K10108200301127	3	9.6	36
COLLET DMC06 04	K10108201301127	4	9.6	36
COLLET DMC06 05	K10108202301127	5	9.6	36
COLLET DMC06 06	K10108203301127	6	9.6	36
COLLET DMC08 03	K10109200301127	3	15	45
COLLET DMC08 04	K10109201301127	4	15	45
COLLET DMC08 06	K10109203301127	6	15	45
COLLET DMC08 08	K10109205301127	8	15	45
COLLET DMC10 04	K10110201301127	4	19.1	52
COLLET DMC10 06	K10110203301127	6	19.1	52
COLLET DMC10 08	K10110205301127	8	19.1	52
COLLET DMC10 10	K10110207301127	10	19.1	52

Note: All Dimensions are in mm



Reduction Sleeve (RS)

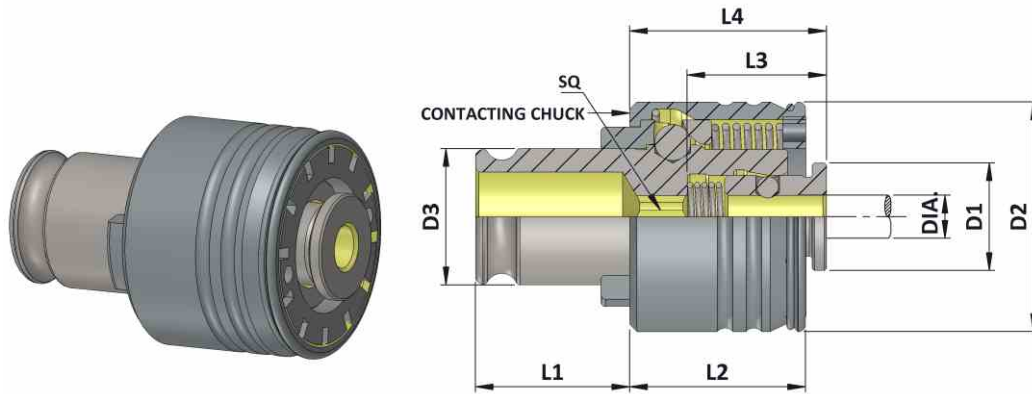
(Concentricity within 0.005 mm)

Item Name	Item Code	d	D1	D2	L1	L2
RS 20 X 3	K10106182301127	3	29	20	52.5	14
RS 20 X 4	K10106183301127	4	29	20	52.5	15
RS 20 X 5	K10106184301127	5	29	20	52.5	18
RS 20 X 6	K10106185301127	6	29	20	52.5	25
RS 20 X 7	K10106186301127	7	29	20	52.5	25
RS 20 X 8	K10106187301127	8	29	20	52.5	30
RS 20 X 9	K10106188301127	9	29	20	52.5	30
RS 20 X10	K10106189301127	10	29	20	52.5	33
RS 20 X11	K10106190301127	11	29	20	52.5	33
RS 20 X12	K10106191301127	12	29	20	52.5	34
RS 20 X13	K10106192301127	13	29	20	52.5	34
RS 20 X14	K10106193301127	14	29	20	52.5	34
RS 20 X15	K10106194301127	15	29	20	52.5	40
RS 20 X16	K10106195301127	16	29	20	52.5	40
RS 32 X 6	K10107185301127	6	39	32	63.5	25
RS 32 X 8	K10107187301127	8	39	32	63.5	25
RS 32 X10	K10107189301127	10	39	32	63.5	33
RS 32 X12	K10107191301127	12	39	32	63.5	34
RS 32 X14	K10107193301127	14	39	32	63.5	34
RS 32 X16	K10107195301127	16	39	32	63.5	40
RS 32 X18	K10107271301127	18	39	32	63.5	40
RS 32 X20	K10107196301127	20	39	32	63.5	40
RS 32 X25	K10107197301127	25	39	32	63.5	42

Note: All Dimensions are in mm



Quick Change Tap Adaptor With Safety Clutch (KWES../B)



Technical Information

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	D3	L1	L2	L3	L4
KWES 0 B	M1 - M10	2.5 - 8.0	0	13	23	13	19.5	20	15	21
KWES 1 B	M3 - M12	3.5 - 11.2	1	19	32	19	21.5	25	17	25
KWES 2 B	M8 - M20	6 - 18	2	30	50	31	35	31	30	34
KWES 3 B	M14 - M33	11 - 28	3	48	72	48	55.5	41	44	45
KWES 4 B	M22 - M48	18 - 36	4	60	95	60	63	61	71	68

Application :

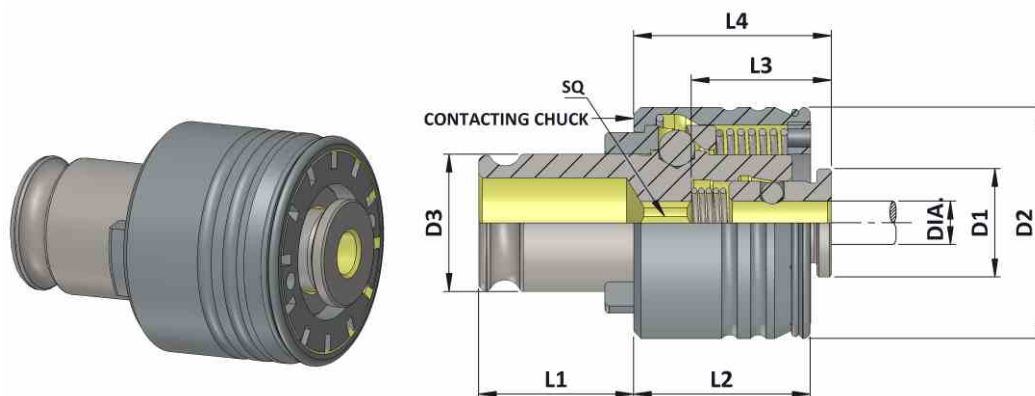
Quick Change Tap Adaptor KWES../B are used along with KTA Quick Change Tapping Chuck on CNC Lathe, CNC Milling & Manual Lathe & Drilling Machines.

Features :

Taps can be changed quickly without additional tooling Support.
Different Adaptor is required for each tap, depends on Tap shank dia & square size.

Safety cluth protects tap breakages. Blind holes tapping becomes easy.

Note: All Dimensions are in mm



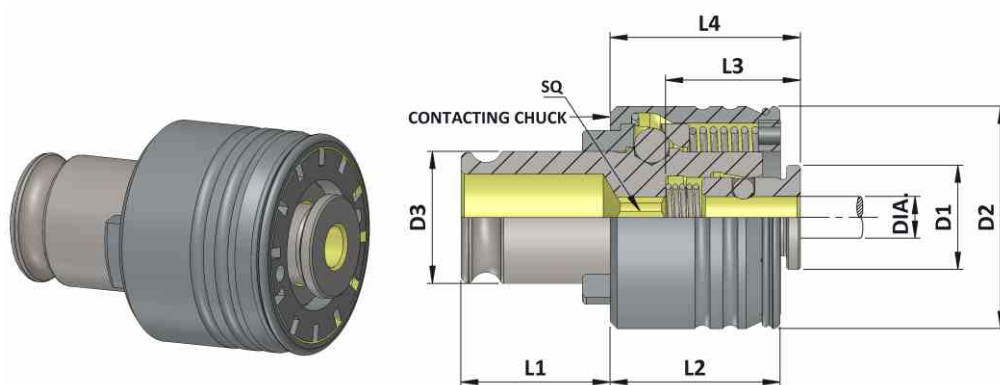
KWESOB Tap Adaptor

(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	D3	L1	L2	L3	L4
KWES O B	M1 - M10	2.5 - 8.0	0	13	23	13	19.5	20	15	21

Item Name	Item Code	Dia.	Square
KWESOB DIA 0.141" SQ 0.110" NO. 06UNC	K11132191155	0.141"	0.110"
KWESOB DIA 0.168" SQ 0.131" NO. 08" UNC	K11132192190	0.168"	0.131"
KWESOB DIA 0.194" SQ 0.152" NO. 10UNC	K11132198157	0.194"	0.152"
KWESOB DIA 0.220" SQ 0.165" NO. 12UNC	K11132199158	0.220"	0.165"
KWESOB DIA 0.255" SQ 0.191" 1/4" UNC	K11132200159	0.255"	0.191"

KWESOB DIA 2.50 SQ 2.10 M1	K11132141135	2.50	2.10
KWESOB DIA 2.50 SQ 2.10 M1.8	K11132141136	2.50	2.10
KWESOB DIA 2.50 SQ 2.10 NO.01 UNC	K11132141201	2.50	2.10
KWESOB DIA 2.80 SQ 2.10 3/32" UNC	K11132142202	2.80	2.10
KWESOB DIA 2.80 SQ 2.10 5/32" UNC	K11132142203	2.80	2.10
KWESOB DIA 2.80 SQ 2.10 M2	K11132142194	2.80	2.10
KWESOB DIA 2.80 SQ 2.10 M2.5	K11132142103	2.80	2.10
KWESOB DIA 2.80 SQ 2.10 M3	K11132142104	2.80	2.10
KWESOB DIA 2.80 SQ 2.10 M4	K11132142105	2.80	2.10
KWESOB DIA 2.80 SQ 2.24 M2.2	K11132223102	2.80	2.24
KWESOB DIA 2.80 SQ 2.24 M2.5	K11132223103	2.80	2.24
KWESOB DIA 3.15 SQ 2.50 M3	K11132118104	3.15	2.50
KWESOB DIA 3.15 SQ 2.50 M4	K11132118105	3.15	2.50
KWESOB DIA 3.15 SQ 2.50 NO. 04UNC	K11132118188	3.15	2.50
KWESOB DIA 3.15 SQ 2.50 NO. 05UNC	K11132118189	3.15	2.50
KWESOB DIA 3.15 SQ 2.50 NO. 08UNC	K11132118156	3.15	2.50
KWESOB DIA 3.50 SQ 2.70 1/8" UNC	K11132143207	3.50	2.70
KWESOB DIA 3.50 SQ 2.70 M3	K11132143104	3.50	2.70
KWESOB DIA 3.50 SQ 2.70 M5	K11132143108	3.50	2.70
KWESOB DIA 3.55 SQ 2.80 3/16" UNC	K11132119196	3.55	2.80



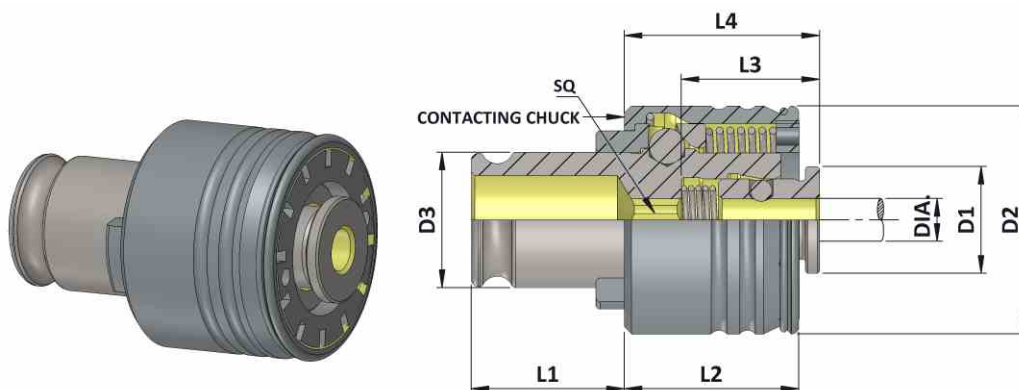
KWESOB Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	Dia.	Square
KWESOB DIA 3.55 SQ 2.80 M3.5	K11132119106	3.55	2.80
KWESOB DIA 3.55 SQ 2.80 M4.5	K11132119107	3.55	2.80
KWESOB DIA 3.55 SQ 2.80 NO. 06UNC	K11132119155	3.55	2.80
KWESOB DIA 3.55 SQ 2.80 NO. 10UNC	K11132119157	3.55	2.80
KWESOB DIA 4.00 SQ 3.00 7/32" UNC	K11132144197	4.00	3.00
KWESOB DIA 4.00 SQ 3.00 M3	K11132144104	4.00	3.00
KWESOB DIA 4.00 SQ 3.00 M3.5	K11132144106	4.00	3.00
KWESOB DIA 4.00 SQ 3.00 M4	K11132144105	4.00	3.00
KWESOB DIA 4.00 SQ 3.15 7/32" UNC	K11132120197	4.00	3.15
KWESOB DIA 4.00 SQ 3.15 M4	K11132120105	4.00	3.15
KWESOB DIA 4.00 SQ 3.15 M5	K11132120108	4.00	3.15
KWESOB DIA 4.00 SQ 3.15 NO. 12UNC	K11132120158	4.00	3.15
KWESOB DIA 4.00 SQ 3.20 M3	K11132163104	4.00	3.20
KWESOB DIA 4.50 SQ 3.40 1/4" UNC	K11132145159	4.50	3.40
KWESOB DIA 4.50 SQ 3.40 5/32" UNC	K11132145203	4.50	3.40
KWESOB DIA 4.50 SQ 3.40 M4	K11132145105	4.50	3.40
KWESOB DIA 4.50 SQ 3.40 M6	K11132145109	4.50	3.40
KWESOB DIA 4.50 SQ 3.55 1/4" UNC	K11132121159	4.50	3.55
KWESOB DIA 4.50 SQ 3.55 M6	K11132121109	4.50	3.55
KWESOB DIA 4.50 SQ 3.55 NO. 08UNC	K11132121156	4.50	3.55
KWESOB DIA 5.00 SQ 4.00 3/16" UNC	K11132122196	5.00	4.00
KWESOB DIA 5.00 SQ 4.00 M4	K11132122105	5.00	4.00
KWESOB DIA 5.00 SQ 4.00 M4.5	K11132122107	5.00	4.00
KWESOB DIA 5.00 SQ 4.00 M5	K11132122108	5.00	4.00
KWESOB DIA 5.00 SQ 4.00 NO. 10UNC	K11132122157	5.00	4.00
KWESOB DIA 5.50 SQ 4.50 M4.5	K11132164107	5.50	4.50
KWESOB DIA 5.50 SQ 4.50 M5	K11132164108	5.50	4.50
KWESOB DIA 5.50 SQ 4.50 M5.5	K11132164141	5.50	4.50
KWESOB DIA 5.60 SQ 4.50 7/32" UNC	K11132123197	5.60	4.50
KWESOB DIA 5.60 SQ 4.50 M7	K11132123110	5.60	4.50
KWESOB DIA 5.60 SQ 4.50 NO. 12UNC	K11132123158	5.60	4.50

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Note: All Dimensions are in mm

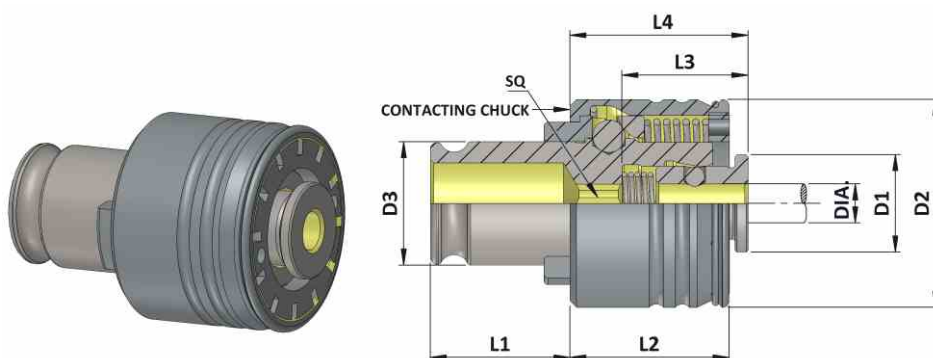


KWESOB Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	Dia.	Square
KWESOB DIA 6.00 SQ 4.50 M6	K11132165109	6.00	4.50
KWESOB DIA 6.00 SQ 4.90 M5	K11132146108	6.00	4.90
KWESOB DIA 6.00 SQ 4.90 M6	K11132146109	6.00	4.90
KWESOB DIA 6.00 SQ 4.90 M8	K11132146111	6.00	4.90
KWESOB DIA 6.20 SQ 5.00 M7	K11132167110	6.20	5.00
KWESOB DIA 6.20 SQ 5.00 M8	K11132167111	6.20	5.00
KWESOB DIA 6.30 SQ 5.00 1/4" UNC	K11132124159	6.30	5.00
KWESOB DIA 6.30 SQ 5.00 5/16" UNC	K11132124161	6.30	5.00
KWESOB DIA 6.30 SQ 5.00 M6	K11132124109	6.30	5.00
KWESOB DIA 6.30 SQ 5.00 M8	K11132124111	6.30	5.00
KWESOB DIA 7.00 SQ 5.50 1/4" UNC	K11132147159	7.00	5.50
KWESOB DIA 7.00 SQ 5.50 1/8" G(BSP)	K11132147207	7.00	5.50
KWESOB DIA 7.00 SQ 5.50 3/8" G(BSP)	K11132147206	7.00	5.50
KWESOB DIA 7.00 SQ 5.50 M10	K11132147112	7.00	5.50
KWESOB DIA 7.00 SQ 5.50 M9	K11132147142	7.00	5.50
KWESOB DIA 7.10 SQ 5.60 3/8" UNC	K11132125164	7.10	5.60
KWESOB DIA 7.10 SQ 5.60 M10	K11132125112	7.10	5.60
KWESOB DIA 8.00 SQ 6.00 M11	K11132168143	8.00	6.00
KWESOB DIA 8.00 SQ 6.20 5/16" UNC	K11132148161	8.00	6.20
KWESOB DIA 8.00 SQ 6.20 M8	K11132148111	8.00	6.20
KWESOB DIA 8.00 SQ 6.30 5/16" UNC	K11132126161	8.00	6.30
KWESOB DIA 8.00 SQ 6.30 M10	K11132126112	8.00	6.30
KWESOB DIA 8.00 SQ 6.30 M8	K11132126111	8.00	6.30

Note: All Dimensions are in mm



KWES1B Tap Adaptor

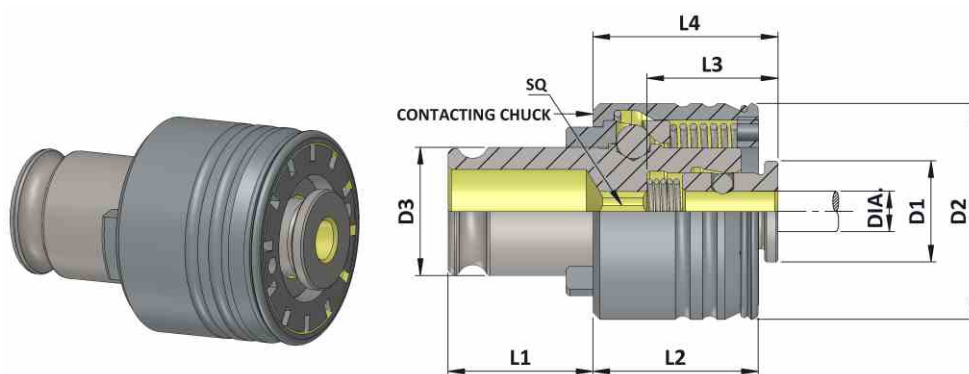
(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	D3	L1	L2	L3	L4
KWES 1 B	M3 - M12	3.5 - 11.2	1	19	32	19	21.5	25	17	25

Item Name	Item Code	DIA	Square
KWES1B DIA 0.141" SQ 0.110" NO. 06UNC	K11133191155	0.141"	0.110"
KWES1B DIA 0.168" SQ 0.131" NO. 08UNC	K11133192156	0.168"	0.131"
KWES1B DIA 0.194" SQ 0.152" NO. 10UNC	K11133198157	0.194"	0.152"
KWES1B DIA 0.220" SQ 0.165" NO. 12UNC	K11133199158	0.220"	0.165"
KWES1B DIA 0.255" SQ 0.191" 1/4" UNC	K11133200159	0.255"	0.191"
KWES1B DIA 0.312" SQ 0.234" 1/8" SS	K11133225160	0.312"	0.234"
KWES1B DIA 0.318" SQ 0.238" 5/16" UNC	K11133202161	0.318"	0.238"
KWES1B DIA 0.323" SQ 0.242" 7/16" UNC	K11133193162	0.323"	0.242"
KWES1B DIA 0.367" SQ 0.275" 1/2" UNC	K11133194163	0.367"	0.275"
KWES1B DIA 0.381" SQ 0.286" 3/8" UNC	K11133195164	0.381"	0.268"
KWES1B DIA 0.429" SQ 0.322" 1/4" NPT	K11133196248	0.429"	0.322"
KWES1B DIA 0.429" SQ 0.322" 9/16" UNC	K11133196166	0.429"	0.322"
KWES1B DIA 0.437" SQ 0.328 1/8" LS	K11133197165	0.437"	0.328"

KWES1B DIA 10.00 SQ 8.00 1/4" G(BSP)	K11133128205	10.00	8.00
KWES1B DIA 10.00 SQ 8.00 1/8" (BSPT)	K11133128242	10.00	8.00
KWES1B DIA 10.00 SQ 8.00 3/8" UNC	K11133128164	10.00	8.00
KWES1B DIA 10.00 SQ 8.00 M10	K11133128112	10.00	8.00
KWES1B DIA 10.50 SQ 8.00 M14	K11133172114	10.50	8.00
KWES1B DIA 10.50 SQ 8.00 M15	K11133172144	10.50	8.00
KWES1B DIA 11.00 SQ 9.00 1/4" G(BSP)	K11133150205	11.00	9.00
KWES1B DIA 11.00 SQ 9.00 9/16" UNC	K11133150166	11.00	9.00
KWES1B DIA 11.00 SQ 9.00 M14	K11133150114	11.00	9.00
KWES1B DIA 11.20 SQ 9.00 1/4" G(BSP)	K11133129205	11.20	9.00
KWES1B DIA 11.20 SQ 9.00 9/16" UNC	K11133129166	11.20	9.00
KWES1B DIA 11.20 SQ 9.00 M14	K11133129114	11.20	9.00

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KWES1B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES1B DIA 2.50 SQ 2.10 1/16" UNC	K11133141201	2.50	2.10
KWES1B DIA 2.50 SQ 2.10 M1.6	K11133141239	2.50	2.10
KWES1B DIA 2.50 SQ 2.10 M1.8	K11133141136	2.50	2.10
KWES1B DIA 2.50 SQ 2.10 M2	K11133141194	2.50	2.10
KWES1B DIA 2.50 SQ 2.10 M2.5	K11133141103	2.50	2.10
KWES1B DIA 2.80 SQ 2.10 3/32" UNC	K11133142202	2.80	2.10
KWES1B DIA 2.80 SQ 2.10 5/32" UNC	K11133142203	2.80	2.10
KWES1B DIA 2.80 SQ 2.10 M2	K11133142194	2.80	2.10
KWES1B DIA 2.80 SQ 2.10 M2.5	K11133142103	2.80	2.10
KWES1B DIA 2.80 SQ 2.10 M3	K11133142104	2.80	2.10
KWES1B DIA 3.15 SQ 2.50 M3	K11133118104	3.15	2.50
KWES1B DIA 3.15 SQ 2.50 M4	K11133118105	3.15	2.50
KWES1B DIA 3.15 SQ 2.50 NO. 04UNC	K11133118188	3.15	2.50
KWES1B DIA 3.15 SQ 2.50 NO. 05UNC	K11133118189	3.15	2.50
KWES1B DIA 3.15 SQ 2.50 NO. 08UNC	K11133118156	3.15	2.50
KWES1B DIA 3.50 SQ 2.70 1/8" UNC	K11133143207	3.50	2.70
KWES1B DIA 3.50 SQ 2.70 M3	K11133143104	3.50	2.70
KWES1B DIA 3.50 SQ 2.70 M4	K11133143105	3.50	2.70
KWES1B DIA 3.50 SQ 2.70 M5	K11133143108	3.50	2.70
KWES1B DIA 3.55 SQ 2.80 3/16" UNC	K11133119196	3.55	2.80
KWES1B DIA 3.55 SQ 2.80 M3	K11133119104	3.55	2.80
KWES1B DIA 3.55 SQ 2.80 M3.5	K11133119106	3.55	2.80
KWES1B DIA 3.55 SQ 2.80 M4.5	K11133119107	3.55	2.80
KWES1B DIA 3.55 SQ 2.80 NO. 06UNC	K11133119155	3.55	2.80
KWES1B DIA 3.55 SQ 2.80 NO. 10UNC	K11133119157	3.55	2.80
KWES1B DIA 4.00 SQ 3.00 7/32" UNC	K11133144197	4.00	3.00
KWES1B DIA 4.00 SQ 3.00 M3	K11133144104	4.00	3.00
KWES1B DIA 4.00 SQ 3.00 M3.5	K11133144106	4.00	3.00
KWES1B DIA 4.00 SQ 3.00 M4	K11133144105	4.00	3.00
KWES1B DIA 4.00 SQ 3.15 7/32" UNC	K11133120197	4.00	3.15
KWES1B DIA 4.00 SQ 3.15 M4	K11133120105	4.00	3.15
KWES1B DIA 4.00 SQ 3.15 M5	K11133120108	4.00	3.15
KWES1B DIA 4.00 SQ 3.15 NO. 12UNC	K11133120158	4.00	3.15

Note: All Dimensions are in mm