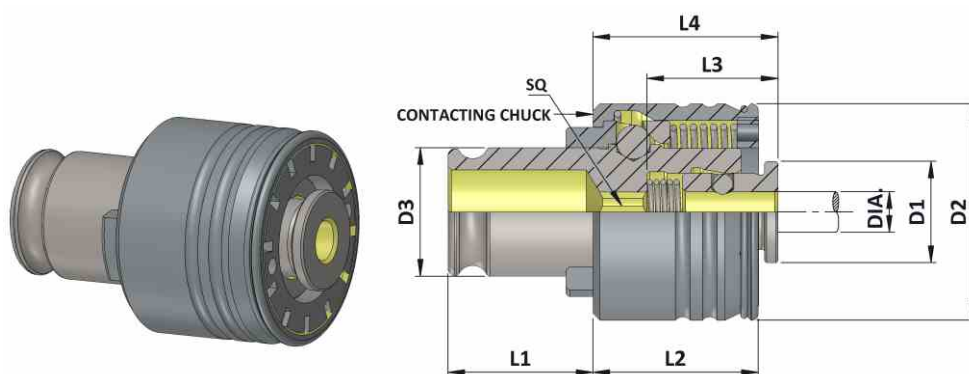




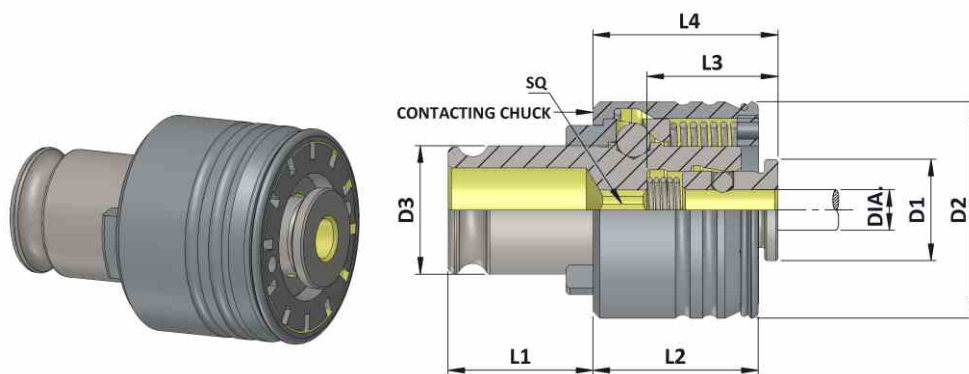
KWES1B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES1B DIA 4.00 SQ 3.20 M3	K11133163104	4.00	3.20
KWES1B DIA 4.00 SQ 3.20 M4	K11133163105	4.00	3.20
KWES1B DIA 4.50 SQ 3.40 1/4" UNC	K11133145159	4.50	3.40
KWES1B DIA 4.50 SQ 3.40 5/32" UNC	K11133145203	4.50	3.40
KWES1B DIA 4.50 SQ 3.40 M4	K11133145105	4.50	3.40
KWES1B DIA 4.50 SQ 3.40 M6	K11133145109	4.50	3.40
KWES1B DIA 4.50 SQ 3.55 1/4" UNC	K11133121159	4.50	3.55
KWES1B DIA 4.50 SQ 3.55 M6	K11133121109	4.50	3.55
KWES1B DIA 4.50 SQ 3.55 NO. 08UNC	K11133121156	4.50	3.55
KWES1B DIA 5.00 SQ 4.00 3/16" UNC	K11133122196	5.00	4.00
KWES1B DIA 5.00 SQ 4.00 M4	K11133122105	5.00	4.00
KWES1B DIA 5.00 SQ 4.00 M4.5	K11133122107	5.00	4.00
KWES1B DIA 5.00 SQ 4.00 M5	K11133122108	5.00	4.00
KWES1B DIA 5.00 SQ 4.00 NO. 10UNC	K11133122157	5.00	4.00
KWES1B DIA 5.50 SQ 4.30 M7	K11133271110	5.50	4.30
KWES1B DIA 5.50 SQ 4.50 M5	K11133164108	5.50	4.50
KWES1B DIA 5.50 SQ 4.50 M5.5	K11133164141	5.50	4.50
KWES1B DIA 5.50 SQ 4.50 M7	K11133164110	5.50	4.50
KWES1B DIA 5.60 SQ 4.50 7/32" UNC	K11133123197	5.60	4.50
KWES1B DIA 5.60 SQ 4.50 M6	K11133123109	5.60	4.50
KWES1B DIA 5.60 SQ 4.50 M7	K11133123110	5.60	4.50
KWES1B DIA 5.60 SQ 4.50 NO. 12UNC	K11133123158	5.60	4.50
KWES1B DIA 6.00 SQ 4.50 M6	K11133165109	6.00	4.50
KWES1B DIA 6.00 SQ 4.90 M5	K11133146108	6.00	4.90
KWES1B DIA 6.00 SQ 4.90 M6	K11133146109	6.00	4.90
KWES1B DIA 6.00 SQ 4.90 M8	K11133146111	6.00	4.90
KWES1B DIA 6.20 SQ 5.00 M7	K11133167110	6.20	5.00
KWES1B DIA 6.20 SQ 5.00 M8	K11133167111	6.20	5.00
KWES1B DIA 6.30 SQ 5.00 1/4" UNC	K11133124159	6.30	5.00
KWES1B DIA 6.30 SQ 5.00 5/16" UNC	K11133124161	6.30	5.00
KWES1B DIA 6.30 SQ 5.00 M6	K11133124109	6.30	5.00
KWES1B DIA 6.30 SQ 5.00 M8	K11133124111	6.30	5.00

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Note: All Dimensions are in mm

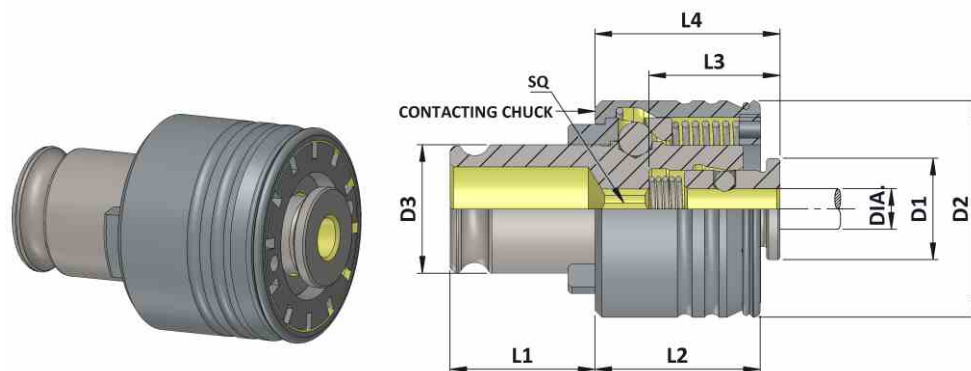


KWES1B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES1B DIA 7.00 SQ 5.50 1/4" UNC	K11133147159	7.00	5.50
KWES1B DIA 7.00 SQ 5.50 1/8" (BSPT)	K11133147204	7.00	5.50
KWES1B DIA 7.00 SQ 5.50 3/8" UNC	K11133147164	7.00	5.50
KWES1B DIA 7.00 SQ 5.50 M10	K11133147112	7.00	5.50
KWES1B DIA 7.00 SQ 5.50 M7	K11133147110	7.00	5.50
KWES1B DIA 7.00 SQ 5.50 M9	K11133147142	7.00	5.50
KWES1B DIA 7.10 SQ 5.60 3/8" UNC	K11133125164	7.10	5.60
KWES1B DIA 7.10 SQ 5.60 M10	K11133125112	7.10	5.60
KWES1B DIA 7.10 SQ 5.60 M8	K11133125111	7.10	5.60
KWES1B DIA 8.00 SQ 6.00 M11	K11133168143	8.00	6.00
KWES1B DIA 8.00 SQ 6.2 ROLL TAP M8	K11133260111	8.00	6.20
KWES1B DIA 8.00 SQ 6.20 1/8" G (BSPT)	K11133148242	8.00	6.20
KWES1B DIA 8.00 SQ 6.20 5/16" UNC	K11133148161	8.00	6.20
KWES1B DIA 8.00 SQ 6.20 7/16" UNC	K11133148162	8.00	6.20
KWES1B DIA 8.00 SQ 6.20 M10	K11133148112	8.00	6.20
KWES1B DIA 8.00 SQ 6.20 M8	K11133148111	8.00	6.20
KWES1B DIA 8.00 SQ 6.30 5/16" UNC	K11133126161	8.00	6.30
KWES1B DIA 8.00 SQ 6.30 7/16" UNC	K11133126162	8.00	6.30
KWES1B DIA 8.00 SQ 6.30 M10	K11133126112	8.00	6.30
KWES1B DIA 8.00 SQ 6.30 M8	K11133126111	8.00	6.30
KWES1B DIA 8.50 SQ 6.50 M12	K11133170113	8.50	6.50
KWES1B DIA 9.00 SQ 7.00 1/2" UNC	K11133149163	9.00	7.00
KWES1B DIA 9.00 SQ 7.00 3/8" UNC	K11133149164	9.00	7.00
KWES1B DIA 9.00 SQ 7.00 M12	K11133149113	9.00	7.00
KWES1B DIA 9.00 SQ 7.10 1/2" UNC	K11133127163	9.00	7.10
KWES1B DIA 9.00 SQ 7.10 M12	K11133127113	9.00	7.10

Note: All Dimensions are in mm



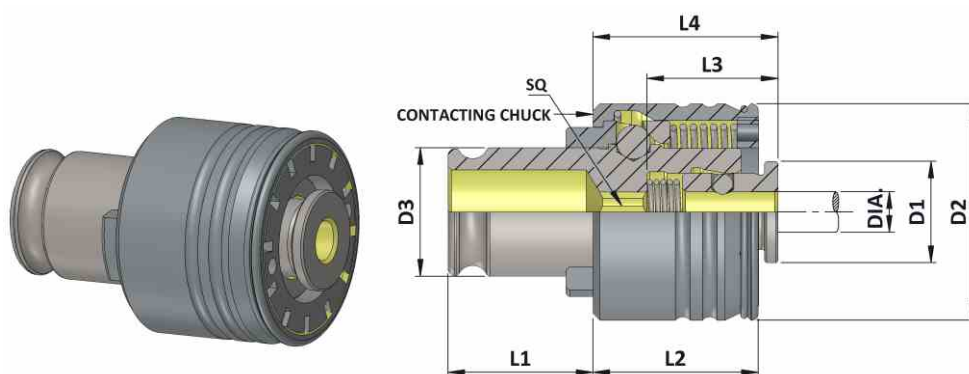
KWES2B Tap Adaptor

(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	D3	L1	L2	L3	L4
KWES 2 B	M8 - M20	6 - 18	2	30	50	31	35	31	30	34

Item Name	Item Code	DIA	Square
KWES2B DIA 0.255" SQ 0.191" 1/4" UNC	K11134200159	0.255"	0.191"
KWES2B DIA 0.312" SQ 0.234" 1/8" PSS	K11134225160	0.312"	0.234"
KWES2B DIA 0.318" SQ 0.238" 5/16" UNC	K11134202161	0.318"	0.238"
KWES2B DIA 0.323" SQ 0.242" 7/16" UNC	K11134193162	0.323"	0.242"
KWES2B DIA 0.367" SQ 0.275" 1/2" UNC	K11134194163	0.367"	0.275"
KWES2B DIA 0.381" SQ 0.286" 3/8" UNC	K11134195164	0.381"	0.286"
KWES2B DIA 0.429" SQ 0.322" 1/4" G(BSP)	K11134196205	0.429"	0.322"
KWES2B DIA 0.429" SQ 0.322" 1/4" NPT	K11134196248	0.429"	0.322"
KWES2B DIA 0.429" SQ 0.322" 9/16" UNC	K11134196166	0.429"	0.322"
KWES2B DIA 0.437" SQ 0.328" 1/8" PLS	K11134197167	0.437"	0.328"
KWES2B DIA 0.480" SQ 0.360" 5/8" UNC	K11134203168	0.480"	0.360"
KWES2B DIA 0.542" SQ 0.406" 11/16" UNC	K11134204169	0.542"	0.406"
KWES2B DIA 0.542" SQ 0.406" 3/8" NPT	K11134259243	0.542"	0.406"
KWES2B DIA 0.562" SQ 0.421" 1/4" P	K11134205170	0.562"	0.421"
KWES2B DIA 0.590" SQ 0.442" 3/4" UNC	K11134206171	0.590"	0.442"
KWES2B DIA 0.590" SQ 0.442" 3/4" UNC TC	K11134206252	0.590"	0.442"
KWES2B DIA 0.652" SQ 0.489" 13/16" UNC	K11134207172	0.652"	0.489"
KWES2B DIA 0.687" SQ 0.515" 1/2" P	K11134208173	0.687"	0.515"
KWES2B DIA 0.687" SQ 0.515" 5/8" G(BSP)	K11134208208	0.687"	0.515"
KWES2B DIA 0.697" SQ 0.523" 7/8" UNC	K11134209174	0.697"	0.523"
KWES2B DIA 0.700" SQ 0.531" 3/8" P	K11134210175	0.700"	0.531"

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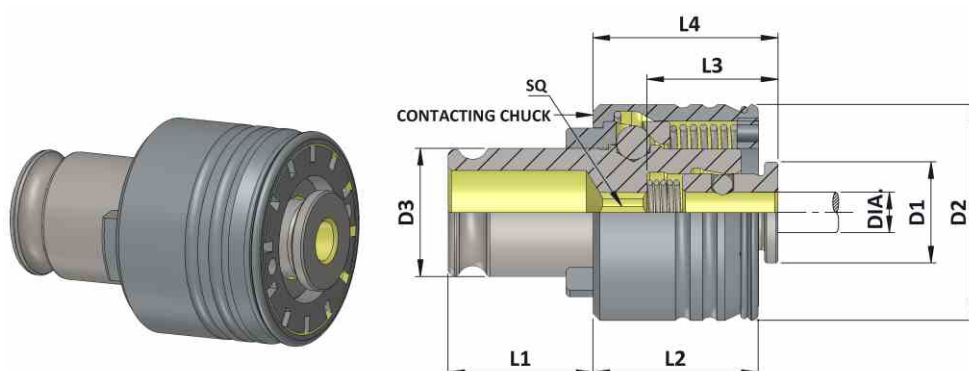


KWES2B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES2B DIA 10.00 SQ 8.00 1/4" G(BSP)	K11134128205	10.00	8.00
KWES2B DIA 10.00 SQ 8.00 3/8" UNC	K11134128164	10.00	8.00
KWES2B DIA 10.00 SQ 8.00 M10	K11134128112	10.00	8.00
KWES2B DIA 10.50 SQ 8.00 M14	K11134172114	10.50	8.00
KWES2B DIA 10.50 SQ 8.00 M15	K11134172144	10.50	8.00
KWES2B DIA 11.00 SQ 9.00 1/4" G(BSP)	K11134150205	11.00	9.00
KWES2B DIA 11.00 SQ 9.00 9/16" UNC	K11134150166	11.00	9.00
KWES2B DIA 11.00 SQ 9.00 M14	K11134150114	11.00	9.00
KWES2B DIA 11.20 SQ 9.00 9/16" UNC	K11134129166	11.20	9.00
KWES2B DIA 11.20 SQ 9.00 M14	K11134129114	11.20	9.00
KWES2B DIA 12.00 SQ 9.00 3/8" G(BSP)	K11134151206	12.00	9.00
KWES2B DIA 12.00 SQ 9.00 5/8" UNC	K11134151168	12.00	9.00
KWES2B DIA 12.00 SQ 9.00 M16	K11134151115	12.00	9.00
KWES2B DIA 12.50 SQ 10.00 3/8" G(BSP)	K11134130206	12.50	10.00
KWES2B DIA 12.50 SQ 10.00 5/8" UNC	K11134130168	12.50	10.00
KWES2B DIA 12.50 SQ 10.00 M16	K11134130115	12.50	10.00
KWES2B DIA 13.00 SQ 10.00 M17	K11134173145	13.00	10.00
KWES2B DIA 14.00 SQ 11.00 11/16" UNC	K11134152169	14.00	11.00
KWES2B DIA 14.00 SQ 11.00 M18	K11134152116	14.00	11.00
KWES2B DIA 14.00 SQ 11.00 PG 11	K11134152257	14.00	11.00
KWES2B DIA 14.00 SQ 11.20 3/4" UNC	K11134131171	14.00	11.20
KWES2B DIA 14.00 SQ 11.20 M18	K11134131116	14.00	11.20
KWES2B DIA 14.00 SQ 11.20 M20	K11134131117	14.00	11.20
KWES2B DIA 15.00 SQ 12.00 M20	K11134174117	15.00	12.00
KWES2B DIA 16.00 SQ 12.00 1/2" G(BSP)	K11134153210	16.00	12.00
KWES2B DIA 16.00 SQ 12.00 1/4" G(BSP)	K11134153205	16.00	12.00
KWES2B DIA 16.00 SQ 12.00 13/16" UNC	K11134153172	16.00	12.00
KWES2B DIA 16.00 SQ 12.00 M20	K11134153117	16.00	12.00
KWES2B DIA 16.00 SQ 12.50 1/2" G(BSP)	K11134132210	16.00	12.50
KWES2B DIA 16.00 SQ 12.50 7/8" UNC	K11134132174	16.00	12.50
KWES2B DIA 16.00 SQ 12.50 M22	K11134132118	16.00	12.50

Note: All Dimensions are in mm



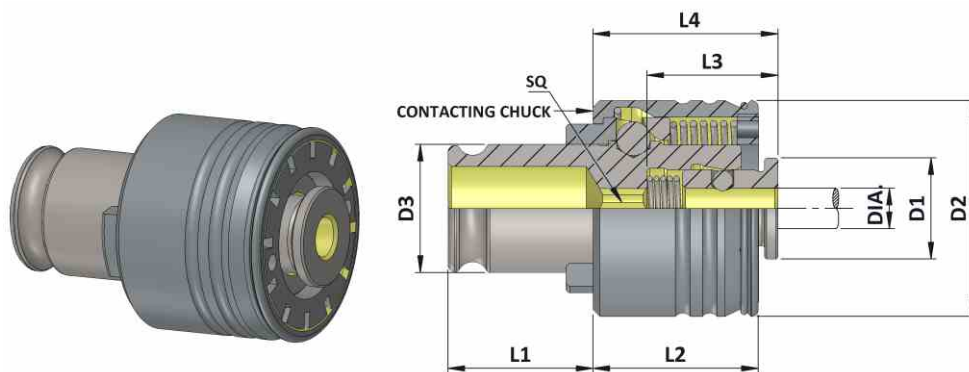
KWES2B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES2B DIA 17.00 SQ 13.00 M22	K11134175118	17.00	13.00
KWES2B DIA 18.00 SQ 14.00 1/2" G(BSP)	K11134133210	18.00	14.00
KWES2B DIA 18.00 SQ 14.00 M24	K11134133119	18.00	14.00
KWES2B DIA 18.00 SQ 14.50 15/16" UNC	K11134154177	18.00	14.50
KWES2B DIA 18.00 SQ 14.50 5/8" G(BSP)	K11134154208	18.00	14.50
KWES2B DIA 18.00 SQ 14.50 7/8" UNC	K11134154174	18.00	14.50
KWES2B DIA 18.00 SQ 14.50 M22	K11134154118	18.00	14.50
KWES2B DIA 18.00 SQ 14.50 M24	K11134154119	18.00	14.50
KWES2B DIA 19.00 SQ 15.00 M24	K11134176119	19.00	15.00
KWES2B DIA 6.00 SQ 4.50 M6	K11134165109	6.00	4.50
KWES2B DIA 6.00 SQ 4.90 M5	K11134146108	6.00	4.90
KWES2B DIA 6.00 SQ 4.90 M6	K11134146109	6.00	4.90
KWES2B DIA 6.00 SQ 4.90 M8	K11134146111	6.00	4.90
KWES2B DIA 6.00 SQ 5.00 M6	K11134224109	6.00	5.00
KWES2B DIA 6.00 SQ 5.00 M8	K11134224111	6.00	5.00
KWES2B DIA 6.20 SQ 5.00 M7	K11134167110	6.20	5.00
KWES2B DIA 6.20 SQ 5.00 M8	K11134167111	6.20	5.00
KWES2B DIA 6.30 SQ 5.00 5/16" UNC	K11134124161	6.30	5.00
KWES2B DIA 6.30 SQ 5.00 1/4" UNC	K11134124159	6.30	5.00
KWES2B DIA 6.30 SQ 5.00 M6	K11134124109	6.30	5.00
KWES2B DIA 6.30 SQ 5.00 M8	K11134124111	6.30	5.00
KWES2B DIA 7.00 SQ 5.50 1/4" UNC	K11134147159	7.00	5.50
KWES2B DIA 7.00 SQ 5.50 1/8" G(BSP)	K11134147204	7.00	5.50
KWES2B DIA 7.00 SQ 5.50 3/8" UNC	K11134147164	7.00	5.50
KWES2B DIA 7.00 SQ 5.50 M10	K11134147112	7.00	5.50
KWES2B DIA 7.00 SQ 5.50 M7	K11134147110	7.00	5.50
KWES2B DIA 7.00 SQ 5.50 M9	K11134147142	7.00	5.50

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Note: All Dimensions are in mm

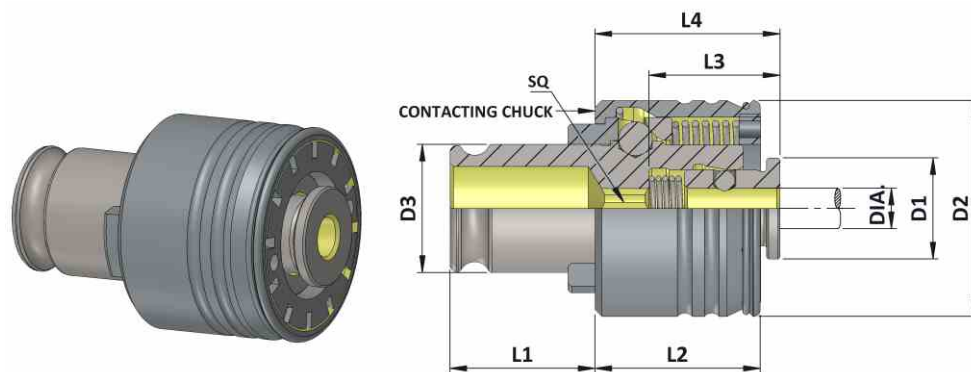


KWES2B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES2B DIA 7.10 SQ 5.60 3/8" UNC	K11134125164	7.10	5.60
KWES2B DIA 7.10 SQ 5.60 M10	K11134125112	7.10	5.60
KWES2B DIA 7.10 SQ 5.60 M7	K11134125110	7.10	5.60
KWES2B DIA 8.00 SQ 6.00 1/8" G(BSP)	K11134168204	8.00	6.00
KWES2B DIA 8.00 SQ 6.00 M11	K11134168143	8.00	6.00
KWES2B DIA 8.00 SQ 6.20 1/8" (BSPT)	K11134148242	8.00	6.20
KWES2B DIA 8.00 SQ 6.20 5/16" UNC	K11134148161	8.00	6.20
KWES2B DIA 8.00 SQ 6.20 7/16" UNC	K11134148162	8.00	6.20
KWES2B DIA 8.00 SQ 6.20 M10	K11134148112	8.00	6.20
KWES2B DIA 8.00 SQ 6.20 M11	K11134148143	8.00	6.20
KWES2B DIA 8.00 SQ 6.20 M8	K11134148111	8.00	6.20
KWES2B DIA 8.00 SQ 6.30 1/8" G(BSP)	K11134126204	8.00	6.30
KWES2B DIA 8.00 SQ 6.30 5/16" UNC	K11134126161	8.00	6.30
KWES2B DIA 8.00 SQ 6.30 7/16" UNC	K11134126162	8.00	6.30
KWES2B DIA 8.00 SQ 6.30 M10	K11134126112	8.00	6.30
KWES2B DIA 8.00 SQ 6.30 M8	K11134126111	8.00	6.30
KWES2B DIA 8.50 SQ 6.50 M12	K11134170113	8.50	6.50
KWES2B DIA 9.00 SQ 7.00 1/2" UNC	K11134149163	9.00	7.00
KWES2B DIA 9.00 SQ 7.00 3/8" UNC	K11134149164	9.00	7.00
KWES2B DIA 9.00 SQ 7.00 M12	K11134149113	9.00	7.00
KWES2B DIA 9.00 SQ 7.10 1/2" UNC	K11134127163	9.00	7.10
KWES2B DIA 9.00 SQ 7.10 M12	K11134127113	9.00	7.10

Note: All Dimensions are in mm



KWES3B Tap Adaptor

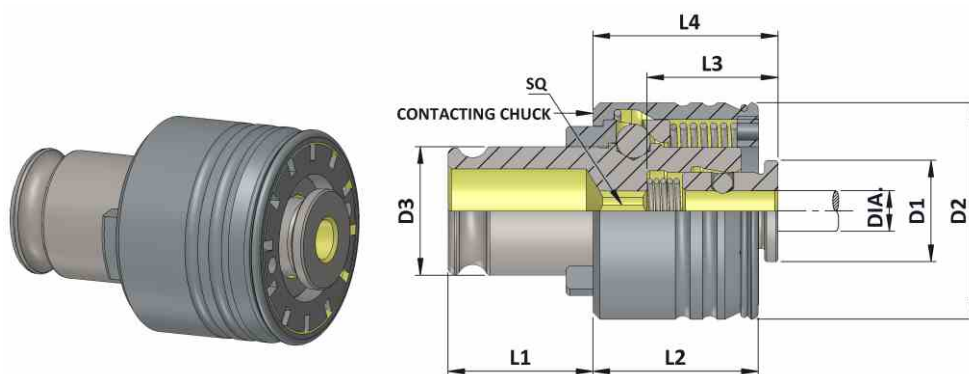
(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	D3	L1	L2	L3	L4
KWES 3 B	M14 - M33	11 - 28	3	48	72	48	55.5	41	44	45

Item Name	Item Code	DIA	Square
KWES3B DIA 0.652" SQ 0.489" 13/16" UNC	K11135207176	0.652"	0.489"
KWES3B DIA 0.687" SQ 0.515" 1/2" G(BSP)	K11135208210	0.687"	0.515"
KWES3B DIA 0.687" SQ 0.515" 1/2" P	K11135208173	0.687"	0.515"
KWES3B DIA 0.697" SQ 0.523" 7/8" UNC	K11135209174	0.697"	0.523"
KWES3B DIA 0.700" SQ 0.531" 3/8" P	K11135210175	0.700"	0.531"
KWES3B DIA 0.760" SQ 0.570" 15/16" UNC	K11135211177	0.760"	0.570"
KWES3B DIA 0.800" SQ 0.600" 1" UNC	K11135212178	0.800"	0.600"
KWES3B DIA 0.896" SQ 0.672" 1-1/8" UNC	K11135213179	0.896"	0.672"
KWES3B DIA 0.906" SQ 0.679" 3/4" P	K11135214180	0.906"	0.679"
KWES3B DIA 1.021" SQ 0.766" 1-1/4" UNC	K11135215181	1.021"	0.766"
KWES3B DIA 1.108" SQ 0.831" 1-3/8" UNC	K11135216182	1.108"	0.831"
KWES3B DIA 1.125" SQ 0.843" 1" P	K11135217183	1.125"	0.843"

KWES3B DIA 11.00 SQ 9.00 1/4" BSPT	K11135150255	11.00	9.00
KWES3B DIA 11.00 SQ 9.00 3/8" BSPT	K11135150256	11.00	9.00
KWES3B DIA 11.00 SQ 9.00 9/16" UNC	K11135150166	11.00	9.00
KWES3B DIA 11.00 SQ 9.00 M14	K11135150114	11.00	9.00
KWES3B DIA 11.20 SQ 9.00 9/16" UNC	K11135129166	11.20	9.00
KWES3B DIA 11.20 SQ 9.00 M14	K11135129114	11.20	9.00
KWES3B DIA 12.00 SQ 9.00 3/8" BSPT	K11135151256	12.00	9.00
KWES3B DIA 12.00 SQ 9.00 5/8" UNC	K11135151168	12.00	9.00
KWES3B DIA 12.00 SQ 9.00 M16	K11135151115	12.00	9.00
KWES3B DIA 12.50 SQ 10.00 5/8" UNC	K11135130168	12.50	10.00
KWES3B DIA 12.50 SQ 10.00 M16	K11135130115	12.50	10.00
KWES3B DIA 13.00 SQ 10.00 M17	K11135173145	13.00	10.00

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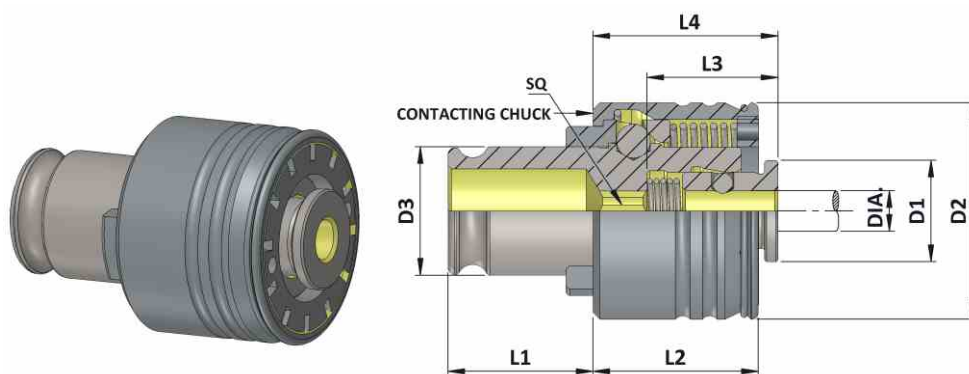


KWES3B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES3B DIA 14.00 SQ 11.00 11/16" UNC	K11135152169	14.00	11.00
KWES3B DIA 14.00 SQ 11.00 M18	K11135152116	14.00	11.00
KWES3B DIA 14.00 SQ 11.20 11/16" UNC	K11135131169	14.00	11.20
KWES3B DIA 14.00 SQ 11.20 3/4" UNC	K11135131171	14.00	11.20
KWES3B DIA 14.00 SQ 11.20 M18	K11135131116	14.00	11.20
KWES3B DIA 14.00 SQ 11.20 M20	K11135131117	14.00	11.20
KWES3B DIA 15.00 SQ 12.00 M20	K11135174117	15.00	12.00
KWES3B DIA 16.00 SQ 12.00 1/2" G(BSP)	K11135153210	16.00	12.00
KWES3B DIA 16.00 SQ 12.00 13/16" UNC	K11135153172	16.00	12.00
KWES3B DIA 16.00 SQ 12.00 M20	K11135153117	16.00	12.00
KWES3B DIA 16.00 SQ 12.50 7/8" UNC	K11135132174	16.00	12.50
KWES3B DIA 16.00 SQ 12.50 M22	K11135132118	16.00	12.50
KWES3B DIA 17.00 SQ 13.00 M22	K11135175118	17.00	13.00
KWES3B DIA 18.00 SQ 14.00 1" UNC	K11135133178	18.00	14.00
KWES3B DIA 18.00 SQ 14.00 M24	K11135133119	18.00	14.00
KWES3B DIA 18.00 SQ 14.50 15/16" UNC	K11135154177	18.00	14.50
KWES3B DIA 18.00 SQ 14.50 5/8" G(BSP)	K11135154208	18.00	14.50
KWES3B DIA 18.00 SQ 14.50 7/8" UNC	K11135154174	18.00	14.50
KWES3B DIA 18.00 SQ 14.50 M22	K11135154118	18.00	14.50
KWES3B DIA 18.00 SQ 14.50 M24	K11135154119	18.00	14.50
KWES3B DIA 19.00 SQ 15.00 M24	K11135176119	19.00	15.00
KWES3B DIA 19.00 SQ 15.00 M25	K11135176147	19.00	15.00
KWES3B DIA 20.00 SQ 15.00 M26	K11135177148	20.00	15.00
KWES3B DIA 20.00 SQ 15.00 M27	K11135177122	20.00	15.00
KWES3B DIA 20.00 SQ 16.00 1" UNC	K11135134178	20.00	16.00
KWES3B DIA 20.00 SQ 16.00 1-1/8" UNC	K11135134179	20.00	16.00
KWES3B DIA 20.00 SQ 16.00 3/4" G(BSP)	K11135134209	20.00	16.00
KWES3B DIA 20.00 SQ 16.00 M27	K11135134122	20.00	16.00
KWES3B DIA 20.00 SQ 16.00 M30	K11135134123	20.00	16.00
KWES3B DIA 21.00 SQ 17.00 M28	K11135178149	21.00	17.00

Note: All Dimensions are in mm

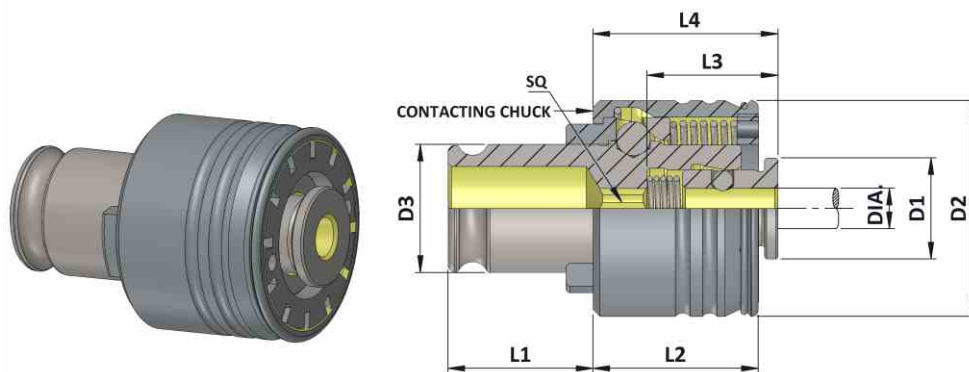


KWES3B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES3B DIA 22.00 SQ 18.00 1-1/8" UNC	K11135155179	22.00	18.00
KWES3B DIA 22.00 SQ 18.00 7/8" G(BSP)	K11135155211	22.00	18.00
KWES3B DIA 22.00 SQ 18.00 M30	K11135155123	22.00	18.00
KWES3B DIA 22.40 SQ 18.00 1-1/4" UNC	K11135135181	22.40	18.00
KWES3B DIA 22.40 SQ 18.00 M33	K11135135124	22.40	18.00
KWES3B DIA 23.00 SQ 17.00 M30	K11135180123	23.00	17.00
KWES3B DIA 24.00 SQ 19.00 M32	K11135181150	24.00	19.00
KWES3B DIA 25.00 SQ 19.00 M33	K11135186124	25.00	19.00
KWES3B DIA 25.00 SQ 20.00 1" G(BSP)	K11135136212	25.00	20.00
KWES3B DIA 25.00 SQ 20.00 1-1/4" UNC	K11135136181	25.00	20.00
KWES3B DIA 25.00 SQ 20.00 1-3/8" UNC	K11135136182	25.00	20.00
KWES3B DIA 25.00 SQ 20.00 M33	K11135136124	25.00	20.00
KWES3B DIA 25.00 SQ 20.00 M36	K11135136125	25.00	20.00
KWES3B DIA 26.00 SQ 21.00 M34	K11135182151	26.00	21.00
KWES3B DIA 26.00 SQ 21.00 M35	K11135182152	26.00	21.00
KWES3B DIA 28.00 SQ 21.00 M36	K11135187125	28.00	21.00
KWES3B DIA 28.00 SQ 21.00 M38	K11135187153	28.00	21.00
KWES3B DIA 28.00 SQ 22.00 1-1/8" G(BSP)	K11135156213	28.00	22.00
KWES3B DIA 28.00 SQ 22.00 1-3/8" UNC	K11135156182	28.00	22.00
KWES3B DIA 28.00 SQ 22.00 M36	K11135156125	28.00	22.00
KWES3B DIA 28.00 SQ 22.40 M39 (FINE PITCH)	K11135137126	28.00	22.40
KWES3B DIA 28.00 SQ 22.40 M42 (FINE PITCH)	K11135137127	28.00	22.40
KWES3B DIA 30.00 SQ 23.00 M39	K11135183138	30.00	23.00
KWES3B DIA 30.00 SQ 23.00 M40	K11135183154	30.00	23.00

Note: All Dimensions are in mm



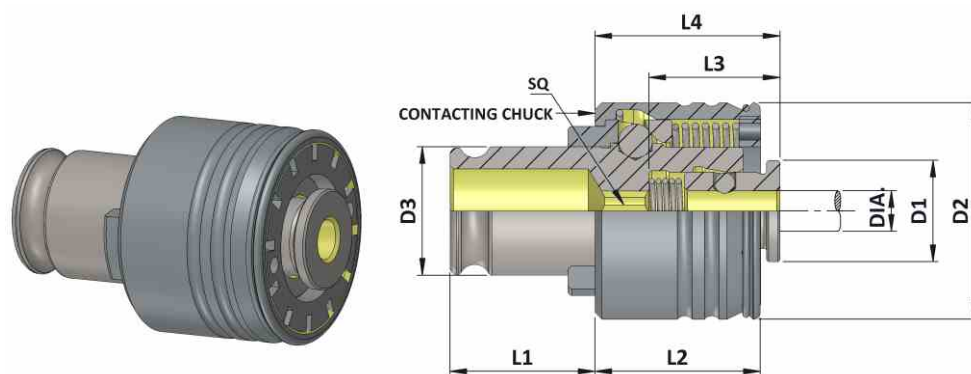
KWES4B Tap Adaptor

(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	D3	L1	L2	L3	L4
KWES 4 B	M22 - M48	18 - 36	4	60	95	60	63	61	71	68

Item Name	Item Code	DIA	Square
KWES4B DIA 0.800" SQ 0.600" 1" UNC	K11136212178	0.800"	0.600"
KWES4B DIA 0.896" SQ 0.672" 1-1/8" UNC	K11136213179	0.896"	0.672"
KWES4B DIA 0.906" SQ 0.679" 3/4" P	K11136214180	0.906"	0.679"
KWES4B DIA 1.021" SQ 0.766" 1-1/4" UNC	K11136215181	1.021"	0.766"
KWES4B DIA 1.108" SQ 0.831" 1-3/8" UNC	K11136216182	1.108"	0.831"
KWES4B DIA 1.125" SQ 0.843" 1" P	K11136217183	1.125"	0.843"
KWES4B DIA 1.233" SQ 0.925" 1-1/2" UNC	K11136218184	1.233"	0.925"
KWES4B DIA 1.312" SQ 0.984" 1-1/4" P	K11136219185	1.312"	0.984"
KWES4B DIA 1.430" SQ 1.072" 1-3/4" UNC	K11136221186	1.430"	1.072"
KWES4B DIA 1.500" SQ 1.125" 1-1/2" P	K11136222187	1.500"	1.125"

KWES4B DIA 16.00 SQ 12.50 7/8" UNC	K11136132174	16.00	12.50
KWES4B DIA 16.00 SQ 12.50 M22	K11136132118	16.00	12.50
KWES4B DIA 17.00 SQ 13.00 M22	K11136175118	17.00	13.00
KWES4B DIA 18.00 SQ 14.00 1" UNC	K11136133178	18.00	14.00
KWES4B DIA 18.00 SQ 14.00 M24	K11136133119	18.00	14.00
KWES4B DIA 18.00 SQ 14.50 1/2" NPT	K11136154253	18.00	14.50
KWES4B DIA 18.00 SQ 14.50 15/16" UNC	K11136154177	18.00	14.50
KWES4B DIA 18.00 SQ 14.50 3/8 " NPT	K11136154243	18.00	14.50
KWES4B DIA 18.00 SQ 14.50 5/8" G(BSP)	K11136154208	18.00	14.50
KWES4B DIA 18.00 SQ 14.50 7/8" UNC	K11136154174	18.00	14.50
KWES4B DIA 18.00 SQ 14.50 M22	K11136154118	18.00	14.50
KWES4B DIA 18.00 SQ 14.50 M24	K11136154119	18.00	14.50



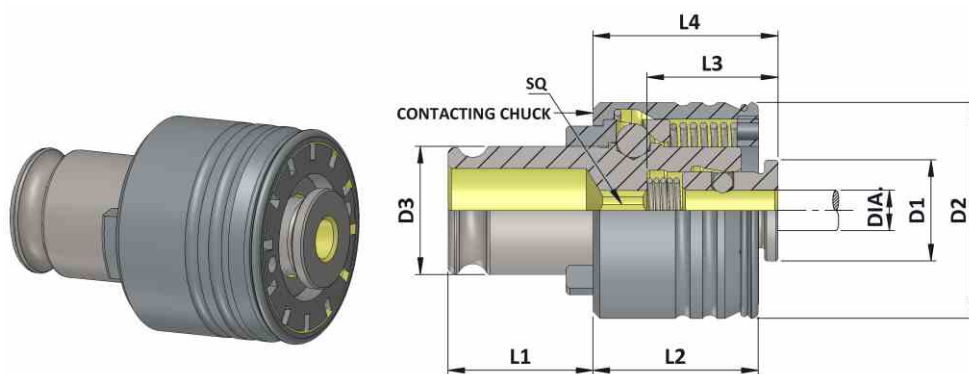
KWES4B Tap Adaptor

(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES4B DIA 19.00 SQ 15.00 M24	K11136176119	19.00	15.00
KWES4B DIA 19.00 SQ 15.00 M25	K11136176147	19.00	15.00
KWES4B DIA 20.00 SQ 15.00 M26	K11136177148	20.00	15.00
KWES4B DIA 20.00 SQ 15.00 M27	K11136177122	20.00	15.00
KWES4B DIA 20.00 SQ 16.00 1" UNC	K11136134178	20.00	16.00
KWES4B DIA 20.00 SQ 16.00 1-1/8" UNC	K11136134179	20.00	16.00
KWES4B DIA 20.00 SQ 16.00 3/4" G(BSP)	K11136134209	20.00	16.00
KWES4B DIA 20.00 SQ 16.00 M27	K11136134122	20.00	16.00
KWES4B DIA 20.00 SQ 16.00 M30	K11136134123	20.00	16.00
KWES4B DIA 21.00 SQ 17.00 M28	K11136178149	21.00	17.00
KWES4B DIA 22.00 SQ 18.00 1-1/8" UNC	K11136155179	22.00	18.00
KWES4B DIA 22.00 SQ 18.00 7/8" G(BSP)	K11136155211	22.00	18.00
KWES4B DIA 22.00 SQ 18.00 M30	K11136155123	22.00	18.00
KWES4B DIA 22.40 SQ 18.00 1-1/4" UNC	K11136135181	22.40	18.00
KWES4B DIA 22.40 SQ 18.00 M33	K11136135124	22.40	18.00
KWES4B DIA 23.00 SQ 17.00 M30	K11136180123	23.00	17.00
KWES4B DIA 24.00 SQ 19.00 M32	K11136181150	24.00	19.00
KWES4B DIA 25.00 SQ 19.00 M33	K11136186124	25.00	19.00
KWES4B DIA 25.00 SQ 20.00 1" G(BSP)	K11136136212	25.00	20.00
KWES4B DIA 25.00 SQ 20.00 1-1/4" UNC	K11136136181	25.00	20.00
KWES4B DIA 25.00 SQ 20.00 1-3/8" UNC	K11136136182	25.00	20.00
KWES4B DIA 25.00 SQ 20.00 M33	K11136136124	25.00	20.00
KWES4B DIA 25.00 SQ 20.00 M36	K11136136125	25.00	20.00
KWES4B DIA 26.00 SQ 21.00 M34	K11136182151	26.00	21.00
KWES4B DIA 26.00 SQ 21.00 M35	K11136182152	26.00	21.00
KWES4B DIA 28.00 SQ 21.00 M36	K11136187125	28.00	21.00
KWES4B DIA 28.00 SQ 21.00 M38	K11136187153	28.00	21.00

Continued

Note: All Dimensions are in mm



KWES4B Tap Adaptor

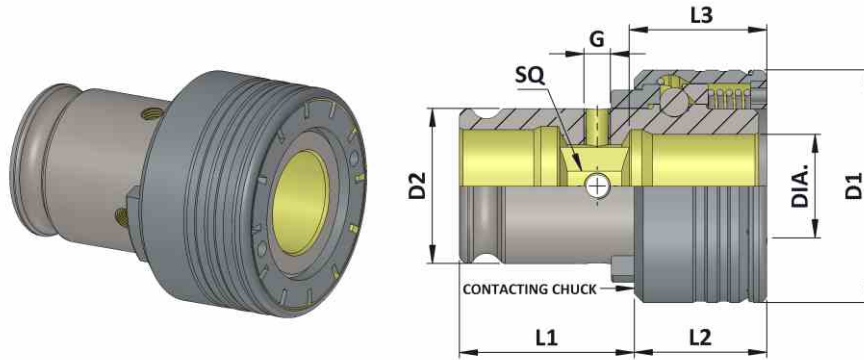
(With Safety Clutch)

Item Name	Item Code	DIA	Square
KWES4B DIA 28.00 SQ 22.00 1-1/8" G(BSP)	K11136156213	28.00	22.00
KWES4B DIA 28.00 SQ 22.00 1-3/8" UNC	K11136156182	28.00	22.00
KWES4B DIA 28.00 SQ 22.00 M36	K11136156125	28.00	22.00
KWES4B DIA 28.00 SQ 22.40 1-1/2" UNC	K11136137184	28.00	22.40
KWES4B DIA 28.00 SQ 22.40 M39	K11136137138	28.00	22.40
KWES4B DIA 28.00 SQ 22.40 M42	K11136137129	28.00	22.40
KWES4B DIA 30.00 SQ 23.00 M39	K11136183138	30.00	23.00
KWES4B DIA 30.00 SQ 23.00 M40	K11136183154	30.00	23.00
KWES4B DIA 31.50 SQ 25.00 1-3/4" UNC	K11136138186	31.50	25.00
KWES4B DIA 31.50 SQ 25.00 M45	K11136138130	31.50	25.00
KWES4B DIA 31.50 SQ 25.00 M48	K11136138131	31.50	25.00
KWES4B DIA 32.00 SQ 24.00 1-1/2" UNC	K11136157184	32.00	24.00
KWES4B DIA 32.00 SQ 24.00 1-1/4" G(BSP)	K11136157214	32.00	24.00
KWES4B DIA 32.00 SQ 24.00 1-5/8" UNC	K11136157219	32.00	24.00
KWES4B DIA 32.00 SQ 24.00 M39	K11136157138	32.00	24.00
KWES4B DIA 32.00 SQ 24.00 M42	K11136157129	32.00	24.00
KWES4B DIA 32.00 SQ 24.00 M45	K11136157130	32.00	24.00
KWES4B DIA 32.00 SQ 26.00 M42	K11136184129	32.00	26.00
KWES4B DIA 35.00 SQ 26.00 M45	K11136185130	35.00	26.00
KWES4B DIA 35.50 SQ 28.00 2" UNC	K11136139198	35.50	28.00
KWES4B DIA 35.50 SQ 28.00 M52 (FINE PITCH)	K11136139132	35.50	28.00
KWES4B DIA 35.50 SQ 28.00 M56 (FINE PITCH)	K11136139133	35.50	28.00
KWES4B DIA 36.00 SQ 29.00 1-1/2" G(BSP)	K11136158216	36.00	29.00
KWES4B DIA 36.00 SQ 29.00 1-3/4" G(BSP)	K11136158217	36.00	29.00
KWES4B DIA 36.00 SQ 29.00 1-3/4" UNC	K11136158186	36.00	29.00
KWES4B DIA 36.00 SQ 29.00 1-3/8" G(BSP)	K11136158215	36.00	29.00
KWES4B DIA 36.00 SQ 29.00 1-7/8" UNC	K11136158220	36.00	29.00
KWES4B DIA 36.00 SQ 29.00 2" G(BSP)	K11136158218	36.00	29.00
KWES4B DIA 36.00 SQ 29.00 M45	K11136158130	36.00	29.00
KWES4B DIA 36.00 SQ 29.00 M48	K11136158131	36.00	29.00
KWES4B DIA 38.00 SQ 29.00 M48	K11136188131	38.00	29.00

Note: All Dimensions are in mm



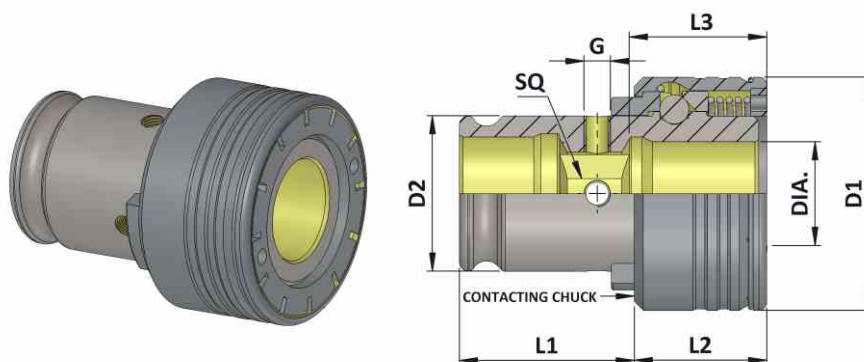
Quick Change Tap Adaptor With Safety Clutch (KWESK../B)



Technical Information

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	L1	L2	L3
KWESK 1B	M16	> 11.2 - 12	1	32	19	21.5	25	27.5
KWESK 2B	M27 - M30	> 18 - 22	2	50	31	35	31	32.5
KWESK 3B	M39 - M48	> 28 - 36	3	72	48	55.5	41	40
KWESK 4B	M52 - M60	> 36 - 45	4	95	60	63	61	54

Note: All Dimensions are in mm



KWESK1B Tap Adaptor

(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	L1	L2	L3
KWESK 1B	M16	> 11.2 - 12	1	32	19	21.5	25	27.5

Item Name	Item Code	DIA	Square
KWESK1B DIA 12.00 SQ 9.00 3/8" G(BSP)	K11232151206	12.00	9.00
KWESK1B DIA 12.00 SQ 9.00 M16 (FINE PITCH)	K11232151115	12.00	9.00

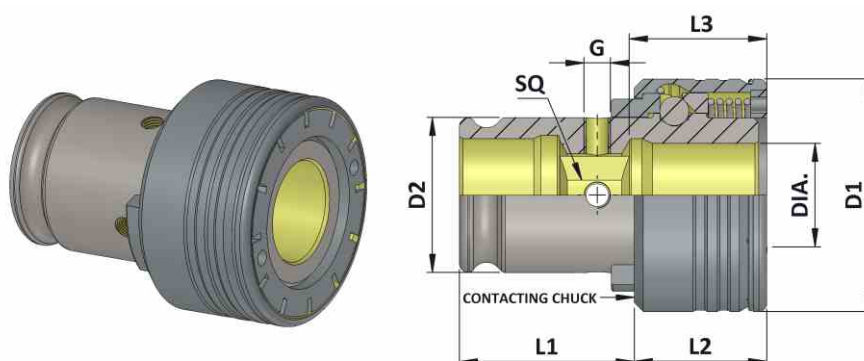
KWESK2B Tap Adaptor

(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	L1	L2	L3
KWESK 2B	M27 - M30	> 18 - 22	2	50	31	35	31	32.5

Item Name	Item Code	DIA	Square
KWESK2B DIA 19.00 SQ 15.00 M25 (FINE PITCH)	K11134176146	19.00	15.00
KWESK2B DIA 20.00 SQ 15.00 M26 (FINE PITCH)	K11134177195	20.00	15.00
KWESK2B DIA 20.00 SQ 15.00 M27 (FINE PITCH)	K11134177120	20.00	15.00
KWESK2B DIA 20.00 SQ 16.00 3/4" G(BSP)	K11231134209	20.00	16.00
KWESK2B DIA 20.00 SQ 16.00 M27 (FINE PITCH)	K11134134120	20.00	16.00
KWESK2B DIA 20.00 SQ 16.00 M30 (FINE PITCH)	K11134134121	20.00	16.00
KWESK2B DIA 22.00 SQ 18.00 M30 (FINE PITCH)	K11231155123	22.00	18.00

Note: All Dimensions are in mm



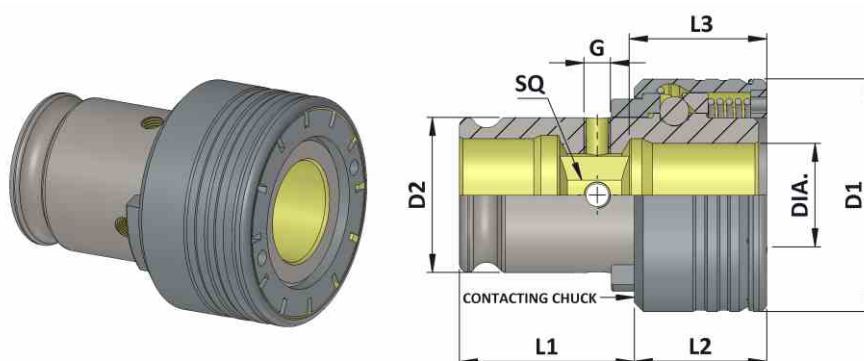
KWESK3B Tap Adaptor

(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	L1	L2	L3
KWESK 3B	M39 - M48	> 28 - 36	3	72	48	55.5	41	40

Item Name	Item Code	DIA	Square
KWESK3B DIA 31.50 SQ 25.00 M36	K11135138125	31.50	25.00
KWESK3B DIA 31.50 SQ 25.00 M44 (FINE PITCH)	K11135138128	31.50	25.00
KWESK3B DIA 31.50 SQ 25.00 M48 (FINE PITCH)	K11135138140	31.50	25.00
KWESK3B DIA 32.00 SQ 24.00 1-1/4" G(BSP)	K11135157214	32.00	24.00
KWESK3B DIA 32.00 SQ 24.00 M39	K11135157138	32.00	24.00
KWESK3B DIA 32.00 SQ 24.00 M42	K11240157129	32.00	24.00
KWESK3B DIA 32.00 SQ 26.00 M42 (FINE PITCH)	K11135184129	32.00	26.00
KWESK3B DIA 35.00 SQ 26.00 M45 (FINE PITCH)	K11135185139	35.00	26.00
KWESK3B DIA 36.00 SQ 29.00 1-1/2" G(BSP)	K11135158216	36.00	29.00
KWESK3B DIA 36.00 SQ 29.00 1-3/4" G(BSP)	K11135158217	36.00	29.00
KWESK3B DIA 36.00 SQ 29.00 1-3/8" G(BSP)	K11135158215	36.00	29.00
KWESK3B DIA 36.00 SQ 29.00 2" G(BSP)	K11135158218	36.00	29.00
KWESK3B DIA 36.00 SQ 29.00 M45 (FINE PITCH)	K11135158139	36.00	29.00
KWESK3B DIA 36.00 SQ 29.00 M48 (FINE PITCH)	K11135158140	36.00	29.00
KWESK3B DIA 38.00 SQ 29.00 M48 (FINE PITCH)	K11135188140	38.00	29.00

Note: All Dimensions are in mm



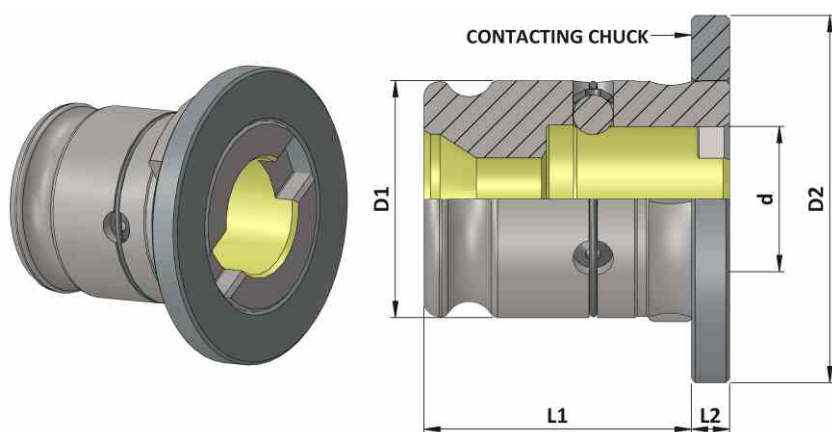
KWESK4B Tap Adaptor

(With Safety Clutch)

Item Name	Capacity	Shank Dia.	Suitable Chuck Size	D1	D2	L1	L2	L3
KWESK 4B	M52 - M60	> 36 - 45	4	95	60	63	61	54

Item Name	Item Code	DIA	Square
KWESK4B DIA 40.00 SQ 31.50 2-1/2" UNC	K11136220200	40.00	31.50
KWESK4B DIA 40.00 SQ 31.50 2-1/4" UNC	K11136220199	40.00	31.50
KWESK4B DIA 40.00 SQ 31.50 M60 (FINE PITCH)	K11136220134	40.00	31.50
KWESK4B DIA 40.00 SQ 32.00 1-7/8" UNC	K11136160220	40.00	32.00
KWESK4B DIA 40.00 SQ 32.00 2-1/4" G(BSP)	K11136160221	40.00	32.00
KWESK4B DIA 40.00 SQ 32.00 M52 (FINE PITCH)	K11136160132	40.00	32.00
KWESK4B DIA 40.00 SQ 32.00 M56 (FINE PITCH)	K11230160232	40.00	32.00
KWESK4B DIA 40.00 SQ 32.00 2" UNC	K11136160198	40.00	32.00
KWESK4B DIA 45.00 SQ 35.00 2-1/2" G(BSP)	K11136161222	45.00	35.00
KWESK4B DIA 45.00 SQ 35.00 2-1/4" UNC	K11136161199	45.00	35.00
KWESK4B DIA 45.00 SQ 35.00 M56 (FINE PITCH)	K11136161133	45.00	35.00
KWESK4B DIA 45.00 SQ 35.00 M60 (FINE PITCH)	K11136161134	45.00	35.00

Note: All Dimensions are in mm



Item Name	Capacity	Suitable Chuck Size	Adaptor Size	d	D1	D2	L1	L2
KWRE 1/0	K11219254193	1	0	13	19	30	21.5	4
KWRE 2/1	K11219249193	2	1	19	31	48	35	5
KWRE 3/1	K11219250193	3	1	19	48	70	55.5	6
KWRE 3/2	K11219251193	3	2	31	48	70	55.5	6
KWRE 4/2	K11219252193	4	2	31	60	92	63	13
KWRE 4/3	K11219253193	4	3	48	60	92	63	13

Note: All Dimensions are in mm

[illegible]

Dimension Dia. x Square	DIN 352	DIN 353	DIN 371	DIN 374	DIN 376	DIN 2182	DIN 2183
3.5 x 2.7	M 3	-	M 3	M 5	M 5	1/8"	-
4 x 3	M 4	-	M 3.5	-	-	-	-
4.5 x 3.4	M 4	-	M 4	M 6	M 6	5/32"	1/4"
6 x 4.9	M 5	-	M 5	-	-	7/32"	-
	M 6	-	M 6	-	-	-	-
	M 8	-	-	M 8	M 8	-	-
7 x 5.5	M 10	G 1/8"	-	M 10	M 10	1/4"	3/8"
8 x 6.2	-	-	M 8	-	-	5/16"	7/16"
9 x 7	M 12	-	-	M 12	M 12	3/8"	1/2"
10 x 8	-	-	M 10	-	-	-	-
11 x 9	M 14	G 1/4"	-	M 14	M 14	-	9/16"
12 X 9	M 16	G 3/8"	-	M 16	M 16	-	5/8"
14 X 11	M 18	-	-	M 18	M 18	-	11/16"
16 X 12	M 20	G 1/2"	-	M 20	M 20	-	13/16"
18 x 14.5	M 22	G 5/8:	-	M 22	M 22	-	7/8"
	M 24	-	-	M 24	M 24	-	15/16"
20 x 16	M 27	G 3/4"	-	M 27	M 27	-	1"
22 x 18	M 30	G 7/8"	-	M 30	M 30	-	1 1/8"
25 x 20	M 33	G 1"	-	M 33	M 33	-	1 1/4"
28 x 22	M 36	G 1 1/8"	-	M 36	M 36	-	1 3/8"
32 x 24	M 39	G 1 1/8"	-	M 39	M 39	-	1 1/2"
	M 42	-	-	M 42	M 42	-	15/8"
36 x 29	M 45	G3/8"	-	M 45	M 45	-	13/4"
	M 48	G1 1/2"	-	M 48	M 48	-	17/8"
	-	G13/4"	-	-	-	-	-
	-	G 2"	-	-	-	-	-

Dimension in Inch.					Metric					Tap Size			Dimension in mm.					Tap Size	
Dia. x Square		Metric Conversions			Dia. x Square		Metric Conversions			Tap Size		Dia. x Square				Tap Size			
0.141	0.110	3.59	2.80	1/8" No.6	0.590	0.442	14.99	11.23	3/4"	4.0	3.0	M 3 & M 3.5							
0.168	0.131	4.27	3.33	5/32" No.8	0.652	0.489	16.57	12.43	M 20	5.0	4.0	M 4 & M 4.5							
0.194	0.152	4.93	3.87	3/16" No. 10	0.688	0.515	17.47	13.09	1/2" Ps	5.5	4.5	M 5							
0.220	0.165	5.59	4.20	No. 12	0.697	0.523	17.71	13.29	7/8"	6.0	4.5	M 6							
0.255	0.191	6.48	4.86	1/4" No. 14	0.700	0.531	17.78	13.49	3/8"Ps	6.2	5.0	M 7 & M 8							
0.312	0.234	7.94	5.95	1/16"Ps 1/8"Ps	0.760	0.570	19.31	14.48	M 24	7.0	5.5	M 9 & M 10							
0.318	0.238	8.08	6.05	5/16" 3/8"	0.800	0.600	20.32	15.24	1"	8.0	6.2	M 11							
0.323	0.242	8.21	6.15	5/16" 7/16"	0.896	0.672	22.76	17.07	11/8"	8.5	6.5	M 12							
0.367	0.275	9.33	6.99	1/2"	0.906	0.679	23.02	17.25	3/4"P	10.5	8.0	M 14							
0.381	0.286	9.68	7.27	3/8"	1.021	0.766	25.94	19.46	1/4"	12.5	10.0	M 16							
0.429	0.322	10.90	8.18	9/16"	1.108	0.833	28.15	21.11	13/8"	14.0	11.0	M 18							
0.438	0.328	11.12	8.34	1/8"Ps	1.125	0.843	28.58	21.42	1"P	15.0	12.0	M 20							
0.480	0.360	12.20	9.15	5/8"	1.233	0.925	31.32	23.50	1½"	17.0	13.0	M 22							
0.542	0.406	13.77	10.31	11/16"	1.132	0.984	33.34	25.00	1¼"P	19.0	15.0	M 24							
0.563	0.421	14.29	10.70	1/4"Ps	1.430	1.072	36.33	27.23	13/4"	20.0	15.0	M 27							
										23.0	17.0	M 30							

Recommended Torque Values For Safety Clutch adjustment For Tapping & Cold Forming (Rolling)

For material upto 1000 N/mm²

Torque Setting Nm	Threads										Torque Setting Nm
	Metric	Whitworth BSW	BSP Whitworth Pipe	BSF	BSP Taper	BA	PG	NPT Taper	UNC	UNF	
0.5	M3	-	-	-	-	No. 7	-	-	-	-	0.5
0.6	-	-	-	-	-	No. 6	-	-	No. 3	No. 4	0.6
0.8	M 3.5	-	-	-	-	No. 5	-	-	No. 4	No. 5	0.8
1.0	-	1/8"	-	-	-	-	-	-	No. 5	-	1.0
1.2	-	-	-	-	-	No. 4	-	-	-	No. 6	1.2
1.6	M4	-	-	-	-	-	-	-	No. 6	No. 8	1.6
2.0	-	5/32"	-	-	-	No. 3	-	-	No. 8	-	2.0
2.5	M5	-	-	3/16"	-	No. 2	-	-	-	No. 10	2.5
3.0	-	-	-	-	-	-	-	-	-	No. 12	3.0
4.0	-	3/16"	-	7/32"	-	No. 1	-	-	No. 10	1/4"	4.0
5.0	M6	7/32"	-	1/4"	-	No. 0	-	-	No. 12	-	5.0
6.0	-	-	G 1/8"	9/32"	-	-	-	-	-	5/16"	6.0
8.0	-	1/4"	-	5/16"	-	-	-	-	1/4"	3/8"	8.0
10	M8	-	-	-	-	-	-	-	-	-	10
12	-	5/16"	-	3/8"	-	-	PG 7	-	5/16"	7/16"	12
16	-	-	-	-	-	-	-	-	-	1/2"	16
18	M10	3/8"	G 1/4"	7/16"	1/8"	-	-	-	3/8"	-	18
20	-	-	-	-	-	-	PG9	1/8"	-	-	20
22	-	-	-	-	-	-	PG11	-	-	9/16"	22
25	-	-	-	1/2"	-	-	PG 13.5	-	-	5/8"	25
28	M 12	7/16"	G 3/8"	-	-	-	PG 16	-	7/16"	-	28
32	-	-	-	9/16"	-	-	-	-	-	-	32
36	-	-	-	-	-	-	-	-	-	3/4"	36
40	-	-	-	5/8"	-	-	-	-	1/2"	-	40
45	M 14	1/2"	-	11/16"	-	-	PG 21	-	-	-	45
50	M 16	-	G 1/2"	-	1/4"	-	-	-	9/16"	-	50
56	-	-	G 5/8"	-	-	-	-	1/4"	-	7/8"	56
63	-	5/8"	-	-	3/8"	-	PG 29	-	5/8"	-	63
70	-	-	G 3/4"	3/4"	-0	-	-	3/8"	-	-	70
80	M 18	-	G 7/8"	13/16"	-	-	PG 36	-	-	-	80
90	M 20	3/4"	-	7/8"	-	-	PG 42	-	3/4"	1"	90
100	M22	-	-	-	-	-	PG 48	-	-	1 1/8"	100
110	-	-	-	-	-	-	-	-	-	1 1/4"	110
125	-	7/8"	-	1"	-	-	-	-	7/8"	1 3/8"	125
140	-	-	G 1"	-	-	-	-	-	-	1 1/2"	140
160	M24	-	G 1 1/8"	-	1/2"	-	-	1/2"	-	-	160
180	M 27	-	G 1 1/4"	1 1/8"	-	-	-	-	-	-	180
200	-	1"	G 1 3/8"	1 1/4"	3/4"	-	-	3/4"	1"	-	200
220	-	-	G 1 1/2"	-	-	-	-	-	-	-	220
240	-	-	G 1 3/4"	-	-	-	-	-	-	-	240
260	-	-	G 2"	1 3/8"	-	-	-	-	-	-	260
280	M 30	1 1/8"	-	-	-	-	-	-	1 1/8"	-	280
300	-	-	G 2 1/4"	1 1/2"	-	-	-	-	-	-	300
320	M 33	1 1/4"	-	1 5/8"	-	-	-	-	1 1/4"	-	320
340	-	-	G 2 1/2"	-	1"	-	-	1"	-	-	340
360	-	-	G 2 3/4"	-	-	-	-	-	-	-	360
400	-	-	G 3"	-	-	-	-	-	-	-	400
420	M 36	-	G 3 1/4"	-	-	-	-	-	-	-	420
450	-	-	G 3 1/2"	1 3/4"	1 1/4"	-	-	1 1/4"	-	-	450
480	M 39	1 3/8"	G 3 3/4"	-	-	-	-	-	1 3/8"	-	480
500	-	1 1/2"	G 4"	2"	-	-	-	-	1 1/2"	-	500
560	-	-	-	-	1 1/2"	-	-	1 1/2"	-	-	560
630	M 42	-	-	-	-	-	-	-	-	-	630
710	M 45	-	-	2 1/4"	2"	-	-	2"	-	-	710
800	-	1 5/8"	-	2 1/2"	-	-	-	-	-	-	800
900	M 48	1 3/4"	-	2 3/4"	-	-	-	-	1 3/4"	-	900

The given torque values are for tapping & cold forming operations. They pertain to material with a tensile strength of 1000 N/mm².

The torque values for tapping include a wear factor of 100%.

If necessary, these values can be increased by up to 20% for tapping & up to 50% for cold forming.

Continued

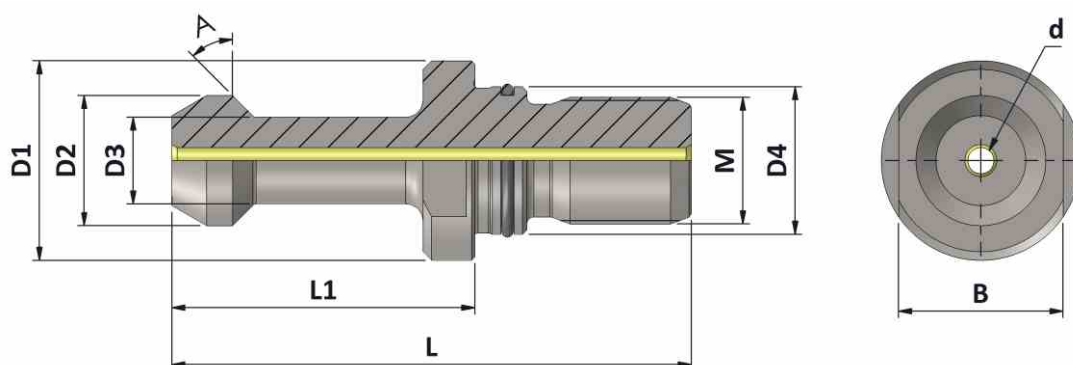
Recommended Torque Values For Safety Clutch adjustment For Tapping & Cold Forming (Rolling)

For material upto 1000 N/mm²

Torque Setting Nm	Threads										Torque Setting Nm
	Metric	Whitworth BSW	BSP Whitworth Pipe	BSF	BSP Taper	BA	PG	NPT Taper	UNC	UNF	
1000	M 52				2 1/2 "						1000
1100											1100
1250	M 56	2 "							2 "		1250
1400				3 "	3 "			2 1/2 "			1400
2000		2 1/4 "						3 "			2000
2200		2 1/2 "									2200

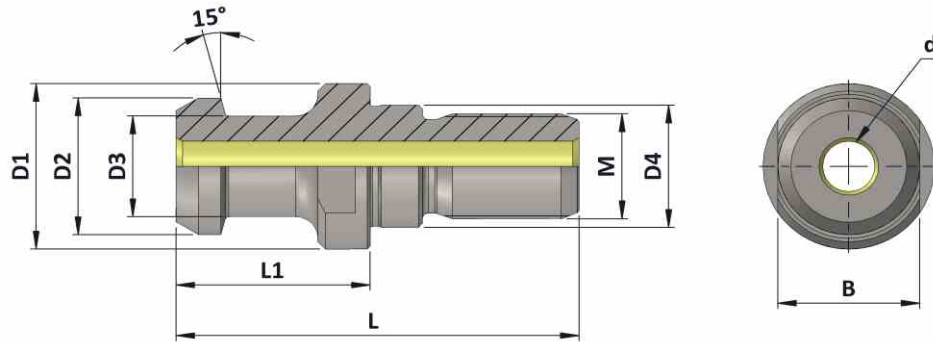
The given torque values are for tapping & cold forming operations. They pertain to material with a tensile strength of 1000 N/mm².
The torque values for tapping include a wear factor of 100%.

If necessary, these values can be increased by up to 20% for tapping & up to 50% for cold forming.



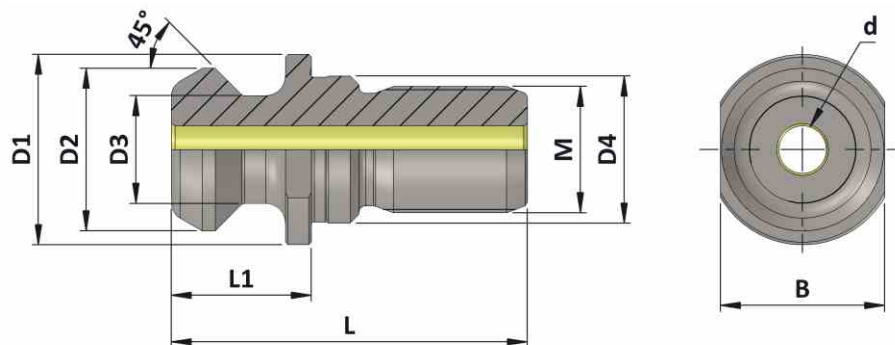
Item Name	Item Code	d	D1	D2	D3	D4	A	B	M	L	L1
PS BT30 45 DEG W/TC	K10195344311126	-	16.5	11	7	12.5	45	13	M12	43	23
PS BT30 60 DEG W/TC	K10195344312238	-	16.5	11	7	12.5	60	13	M12	43	23
PS BT30 90 DEG W/TC	K10195344313126	-	16.5	11	7	12.5	90	13	M12	43	23
PS BT40 45 DEG TC WITH O RING	K10195345311237	3	23	15	10	17	45	19	M16	60	35
PS BT40 45 DEG W/TC	K10195345311126	-	23	15	10	17	45	19	M16	60	35
PS BT40 45 DEG W/TC WITH O RING	K10195345311238	-	23	15	10	17	45	19	M16	60	35
PS BT40 60 DEG TC WITH O RING	K10195345312237	3	23	15	10	17	60	19	M16	60	35
PS BT40 60 DEG W/TC	K10195345312126	-	23	15	10	17	60	19	M16	60	35
PS BT40 60 DEG W/TC WITH O RING	K10195345312238	-	23	15	10	17	60	19	M16	60	35
PS BT40 90 DEG TC WITH O RING	K10195345313237	3	23	15	10	17	90	19	M16	60	35
PS BT40 90 DEG W/TC	K10195345313126	-	23	15	10	17	90	19	M16	60	35
PS BT40 90 DEG W/TC WITH O RING	K10195345313238	-	23	15	10	17	90	19	M16	60	35
PS BT50 45 DEG TC WITH O RING	K10195346311237	7	38	23	17	25	45	30	M24	85	45
PS BT50 45 DEG W/TC	K10195346311126	-	38	23	17	25	45	30	M24	85	45
PS BT50 45 DEG W/TC WITH O RING	K10195346311238	-	38	23	17	25	45	30	M24	85	45
PS BT50 60 DEG TC WITH O RING	K10195346312237	7	38	23	17	25	60	30	M24	85	45
PS BT50 60 DEG W/TC	K10195346312126	-	38	23	17	25	60	30	M24	85	45
PS BT50 60 DEG W/TC WITH O RING	K10195346312238	-	38	23	17	25	60	30	M24	85	45
PS BT50 90 DEG TC WITH O RING	K10195346313237	7	38	23	17	25	90	30	M24	85	45
PS BT50 90 DEG W/TC	K10195346313126	-	38	23	17	25	90	30	M24	85	45
PS BT50 90 DEG W/TC WITH O RING	K10195346313238	-	38	23	17	25	90	30	M24	85	45

Note: All Dimensions are in mm



ISO 7388 A Pull Studs (PS)

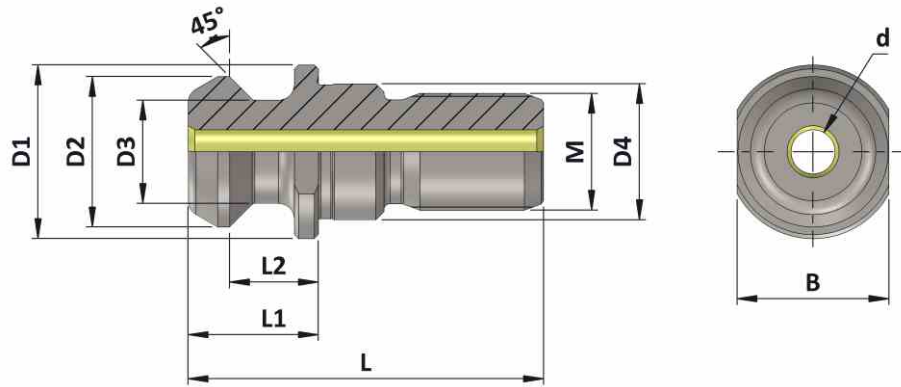
Item Name	Item Code	d	D1	D2	D3	D4	B	M	L	L1
PS ISO40 A ISO7388 TC	K10195351309125	7.3	23	19	14	17	19	M16	54	26
PS ISO40 A ISO7388 W/TC	K10195351309126	-	23	19	14	17	19	M16	54	26
PS ISO50 A ISO7388 TC	K10195352309125	11.5	36	28	21	25	30	M24	74	34
PS ISO50 A ISO7388 W/TC	K10195352309126	-	36	28	21	25	30	M24	74	34



ISO 7388 B Pull Studs (PS)

Item Name	Item Code	d	D1	D2	D3	D4	B	M	L	L1
PS ISO40 B ISO7388 TC	K10195351310125	7.3	22.5	18.8	12.95	17	19	M16	44.5	16.4
PS ISO40 B ISO7388 W/TC	K10195351310126	-	22.5	18.8	12.95	17	19	M16	44.5	16.4
PS ISO50 B ISO7388 TC	K10195352310125	11.5	37	29.1	19.6	25	30	M24	65.5	25.5
PS ISO50 B ISO7388 W/TC	K10195352310126	-	37	29.1	19.6	25	30	M24	65.5	25.5

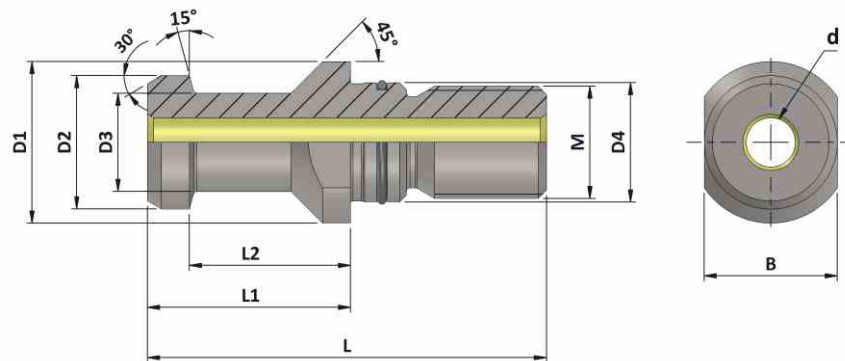
Note: All Dimensions are in mm



Mazak Pull Studs (PS)

Item Name	Item Code	d	D1	D2	D3	D4	B	M	L	L1	L2
PS MAZAK BT40 TC	K10195377320125	7	22	18.8	12.45	17	19	M16	44.10	19.10	14
PS MAZAK BT40 W/TC	K10195377320126	-	22	18.8	12.45	17	19	M16	44.10	19.10	14
PS MAZAK SK40 TC	K10195377321125	7	22	18.8	12.45	17	19	M16	41.10	16.10	11
PS MAZAK SK40 W/TC	K10195377321126	-	22	18.8	12.45	17	19	M16	41.10	16.10	11

SK (DIN 69872-A) Pull Studs (PS)



SK (DIN 69872-A) Pull Studs (PS)

Item Name	Item Code	d	D1	D2	D3	D4	B	M	L	L1	L2
PS SK30 A DIN 69872 W/TC WITH O RING	K10195610531238	-	17	13	9	13	14	M12	44	24	19
PS SK40 A DIN 69872 TC WITH O RING	K10195347531237	7	23	19	14	17	19	M16	54	26	20
PS SK40 A DIN 69872 W/TC WITH O RING	K10195347307238	-	23	19	14	17	19	M16	54	26	20
PS SK50 A DIN 69872 TC WITH O RING	K10195348531237	11.5	36	28	21	25	30	M24	74	34	25
PS SK50 A DIN 69872 W/TC WITH O RING	K10195348307238	-	36	28	21	25	30	M24	74	34	25

Note: All Dimensions are in mm





