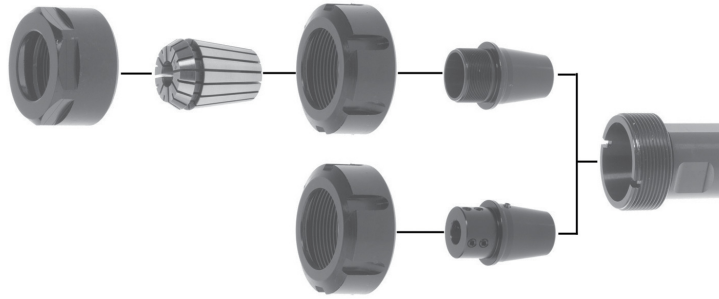


### ER COLLET QUICK CHANGE SHANKS



### SAVE TIME AND MONEY WITH THE QUICK CHANGE SYSTEM

- CHANGE A DULL TOOL IN SECONDS
- ELIMINATE TOUCHING OFF WHEN CHANGING A DULL TOOL
- HAVE SPARE TOOLING PRESET AND READY FOR QUICK TOOL CHANGES
- ALL SHANKS HAVE A TAPPED COOLANT PORT
- USE A BORING TOOL FOR ONE JOB AND A DRILL FOR THE NEXT WITHOUT REMOVING THE SHANK FROM THE MACHINE

SHANKS ARE LISTED BELOW, CORRESPONDING QUICK CHANGE HEADS ARE LISTED ON PAGE 89  
SEE PAGE 122 FOR FLOATING HOLDERS FOR THIS QUICK CHANGE SYSTEM



**STRAIGHT SHANKS FOR QUICK CHANGE ER COLLET SYSTEM  
(COLLET NUT NOT INCLUDED)**

SHANK DIA	OAL	HEAD ASS'Y	MAX CAP		SHANK PART#
			COLLET	STR HOLE	
1/2"	4-1/2"	ER11S	1/4"	3/8"	SS050QCER11
5/8"	4-1/2"	ER11S	1/4"	3/8"	SS062QCER11
3/4"	4-1/2"	ER11S	1/4"	3/8"	SS075QCER11
3/4"	4-1/2"	ER16S	13/32"	1/2"	SS075QCER16
3/4"	4-1/2"	ER20S	1/2"	5/8"	SS075QCER20
1"	3"	ER11S	1/4"	3/8"	SS100QCER11S
1"	4-1/2"	ER11S	1/4"	3/8"	SS100QCER11
1"	4-1/2"	ER16S	13/32"	1/2"	SS100QCER16
1"	4-1/2"	ER20S	1/2"	5/8"	SS100QCER20
1"	4-1/2"	ER25S	5/8"	3/4"	SS100QCER25
1-1/4"	4-1/2"	ER16S	13/32"	1/2"	SS125QCER16
1-1/4"	4-1/2"	ER20S	1/2"	5/8"	SS125QCER20
1-1/4"	4-1/2"	ER25S	5/8"	3/4"	SS125QCER25
1-1/2"	4-1/2"	ER20S	1/2"	5/8"	SS150QCER20
1-1/2"	6"	ER25S	5/8"	3/4"	SS150QCER25
1-1/2"	6"	ER32S	3/4"	POA	SS150QCER32
2"	6"	ER25S	5/8"	3/4"	SS200QCER25
2"	6"	ER32S	3/4"	POA	SS200QCER32
16MM	4-1/2"	ER11S	1/4"	3/8"	SS16QCER11
20MM	71MM	ER11S	1/4"	3/8"	SS20QCER11S
20MM	114MM	ER11S	1/4"	3/8"	SS20QCER11
22MM	118MM	ER11S	1/4"	3/8"	SS22QCER11
22MM	4-1/2"	ER16S	13/32"	1/2"	SS22QCER16
22MM	4-1/2"	ER20S	1/2"	5/8"	SS22QCER20
25MM	60MM	ER11S	1/4"	3/8"	SS25QCER11S
25MM	95MM	ER11S	1/4"	3/8"	SS25QCER11
32MM	118MM	ER16S	13/32"	1/2"	SS32QCER16
32MM	4-1/2"	ER20S	1/2"	5/8"	SS32QCER20
32MM	4-1/2"	ER25S	5/8"	3/4"	SS32QCER25

**DOUBLE ENDED STRAIGHT SHANKS FOR QUICK CHANGE ER SYSTEM  
(COLLET NUTS NOT INCLUDED)**

SHANK DIA	OAL	HEAD ASS'Y	MAX CAP		SHANK PART#
			COLLET	STR HOLE	
3/4"	3-3/4"	ER11S	1/4"	3/8"	SS075QCDEER11S
3/4"	4-1/2"	ER11S	1/4"	3/8"	SS075QCDEER11
1"	3-3/4"	ER11S	1/4"	3/8"	SS100QCDEER11S
1"	4-1/2"	ER11S	1/4"	3/8"	SS100QCDEER11
1"	4-1/2"	ER16S	13/32"	1/2"	SS100QCDEER16
20MM	95MM	ER11S	1/4"	3/8"	SS20QCDEER11
22MM	100MM	ER11S	1/4"	3/8"	SS22QCDEER11S
22MM	114MM	ER11S	1/4"	3/8"	SS22QCDEER11
25MM	95MM	ER11S	1/4"	3/8"	SS25QCDEER11
32MM	100MM	ER16S	13/32"	1/2"	SS32QCDEER16S
32MM	118MM	ER16S	13/32"	1/2"	SS32QCDEER16

NOTE: THESE SHANKS CAN ALSO BE USED AS A CONVENTIONAL COLLET CHUCK. CALL FOR DETAILS.